



Chair for Women in
Science and Engineering
BC and Yukon Region



Lead Sponsors:



Dr. Ken Spencer

Henry F. Man



Westcoast Women in
Engineering, Science
& Technology

APEGBC Sea-to-Sky Branch Popsicle Bridge Building Contest

March 10, 2012



a place of mind

THE UNIVERSITY OF BRITISH COLUMBIA



Katherine Dennert

- 5th year Civil Engineering student at UBC
 - Specializing in structural and transportation engineering
- Completed co-op program
 - Gain **valuable experience** in the Engineering field
 - Able to discover more depth



- Member of Alpha Omega Epsilon
Professional Engineering Sorority
- Work-study student for WWEST



Mission: To advance engineering and science as welcoming careers that serve our world through holistic understanding and creative, appropriate and sustainable solutions

Goals:

- Awareness and Outreach
- Recruitment
- Retention and Industry Support



WWest in the Community

E-Fest

- Presented at Vancouver Public Library in partnership with APEGBC and DAWEG
- 200+ attendees





Name: Lauren Woolstencroft
Job Title: Electrical Engineer
Company: BC Hydro



"I was always interested in Math and Science in High School. I picked Engineering because of how applied it was and the diverse types of job opportunities available. I enjoy being an engineer because it's a dynamic and challenging field. There are always new things to learn and new problems to solve."

I am a 'Save the World' type of person, and environmental engineering has allowed me to make a difference.

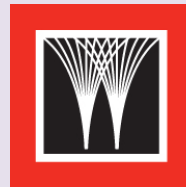


Name: Lindsay Davis

Job Title: Environmental Engineer

Company: WorleyParsons

I kind of just happened into engineering. I was originally in science in Nova Scotia, but then I changed into engineering without fully knowing all that I could do with it. I now enjoy it what I do.



WorleyParsons

resources & energy



Name: Lin Watt

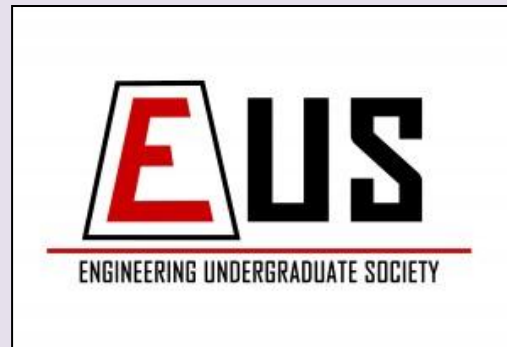
Company: Dillon Consulting Ltd. – President’s Crew
Dragonfly Instruments – Co-founder and CTO

“I went into engineering for pretty practical and mercenary reasons; job prospects, practicality, the challenge, and the fact it kept my options about as wide open as it gets.”



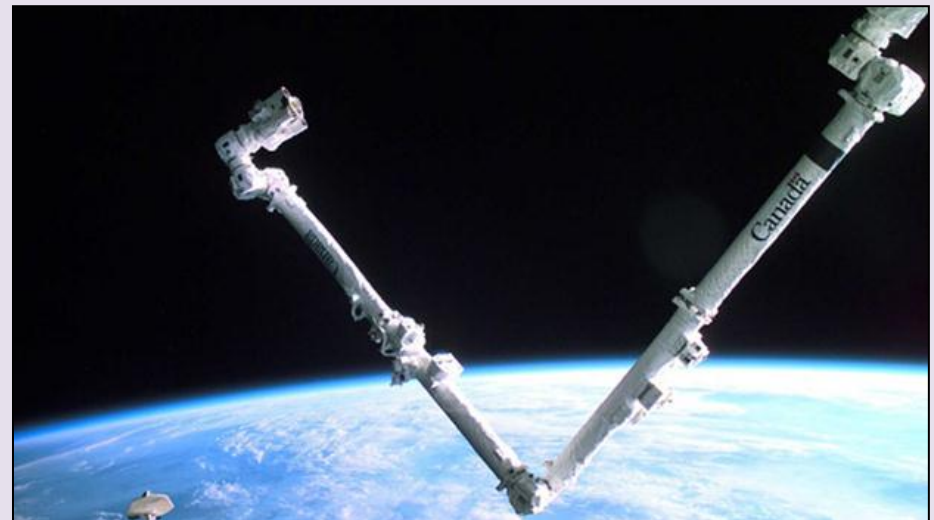


Name: Madeleine Schaefer
5th Year Electrical Engineering Student



Name: Julie Payette

Company: Canadian Space Agency
- Canadian Astronaut Corps.



“My job is great because I get to work on a huge variety of exciting projects that could change the face of bone health in the medical field.”



Name: Kat Louman-Gardiner

Job Title: Biomedical Engineering Lab Coordinator

Company: Center for Hip Health and Mobility
at Vancouver General Hospital

Name: Dr. Elizabeth Croft

Job Titles: NSERC Chair for Women in Science and Engineering for the British Columbia
and Yukon Region
University of British Columbia Mechanical Engineering Professor





Outreach Programs

- **UBC Girlsmarts**

Computer Science workshops for Grade 6 girls



- **Girls Exploring Physics, SFU**

Grade 9 & 10 Outreach



- **GEERing Up! UBC Engineering & Science for Kids**

Workshops and Camps, grades 2 - 10



- **IEEE WIE Affinity Group, Vancouver: STAR**

High school outreach



- **UBC Department of Physics and Astronomy, Outreach Program**

Workshops for grade 6-8



- **Girl Guides of Canada – BC – SOAR 2011 Enviro-STEM**

Science activities at a province-wide camp



Volunteering

- Engineers Without Borders
- Community Service Learning
- Research Lab
- Student Teams





Mentoring

- Connections with industry, professors and senior students
- Opportunity to initiate and maintain professional relationships while developing skills like networking, communication, organization and leadership



WV EST Networking



- Engineers:
 - Save lives
 - Look after our planet
 - Work in teams
 - Have exciting and well paid careers that weather economic downturns
 - Women are highly valued and welcome in our profession.



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Thank You

Questions?