



QUANTUM LEAPS 2010

A Career Conference for Science, Technology, Trades

WEDNESDAY MAY 12

Interested in a scientific, technical or trades career but not sure what options there are? Come to Quantum Leaps to discover some careers you may not have considered before. Listen to peoples' stories, network over dinner and hear about a biologist's exciting adventures in the B.C. back country.

Quantum Leaps 2010 Agenda

3:30 pm Cookies and Milk (Commons area)

3:50 pm Official welcome

4:00 – 4:40 First panel (panels occur in science classrooms)

4:45 – 5:25 Second Panel

5:30 – 6:10 Third Panel

In the Commons Area

Dinner 6:15 – 7:00 pm

Keynote from 7:00 – 7:20 pm

7:20 – 7:30 Closing and Prize Draw

Quantum Leaps 2010 Panels

Panel A

- ***Pediatric Physiotherapist***: Brenda Horton designs treatment programs for young children with physical problems at hospital clinics, a pool therapy program, a disabled soccer program and also runs a private practice
- ***604 Records/Simkin Artist Management***: Jenna Robson was hired straight out of college at 19 with her main focus being online marketing and doing everyday tasks involved with artist management
- ***Senior Project Engineer(International Submarine Engineering)***: Lori Porter manages teams of designers, engineers, fabricators who build ROV's(remotely operated vehicles) and AUV's(autonomous underwater vehicles) as well as other robotic devices
- ***Technical Writer***: Lois Patterson keeps busy with technical writing, interface design, specifications writing and software testing and also works at a quantitative finance software company

Panel B

- **Psychologist:** Stephen Nicol has a B.A. in psychology and works as an intake counselor for a large employee assistance firm. He also coordinates critical incidence and stress debriefing. He plans to obtain further degrees to become a clinical counsellor
- **Auto Mechanics:** Dave Mancinelli owns and runs an automotive repair business (DBM Automotive) and is a graduate of Terry Fox
- **Aquarist:** Jessica Williams has a B.Sc in marine biology and works at the Vancouver Aquarium behind the scenes managing exhibits and really cool animals- she is a graduate of Science Co-op at Terry Fox
- **Engineer and Managing Director:** Cheryl Kristiansen worked as an engineer and now manages the Mitchell Odyssey Foundation, a charitable organization which donates money to schools to promote science education. She coordinates the sharing of resources between schools in the Odyssey network.

Panel C

- **Sound Engineer:** Alexis Douglas works at the Mushroom/Hipposonic Recording Studio where she plays with microphones, outboard gear, computers, instruments and a half million dollar console to engineer music into a final product for artists such as Marianas Trench, Sarah McLachlan, 5440, Jakalope and many more. She is a Terry Fox graduate.
- **BC Cancer Technologist:** Cathy Torjek is chief certified dental assistant at the cancer clinic attached to Surrey Memorial Hospital which specializes in diagnosing and treating cancers of the head and neck
- **Drafting and Design:** Natasha received her drafting training in Serbia and has been working in Canada for the last 15 years for Kingswood Builders
- **Coroner:** Liana Wright started her career as a registered nurse and registered psychiatric nurse, then joined the Coroners' Service 15 years ago working as an on-call coroner responding to sudden death scenes. Coroner cont'd: She oversees the training and Occupational Health and Safety programs and presides over coroner's inquests.
- **Interior Designer:** Shannon Haerdi, NCIDQ, has a degree in interior design from Kwantlen and is a fully nationally qualified interior designer who works with clients from individual homeowners doing renovations to builders

Panel D

- **Dispensing Optician:** Wendy Russo is a licensed optician and contact lens fitter who previously owned an optical business and now works in the Douglas College Vision Centre
- **Carpenter:** Julie Sawatsky is a journeywoman carpenter and has worked in residential renovation, new construction and landscaping. She has taught at BCIT, the Roundhouse Community Centre and the UFCW 247 training centre in New West. She is currently working on community projects such as Evergreen and the Vancouver City Hall gardens.
- **Geoscientist:** Dr. Brent Ward is a registered professional geoscientist and a Quaternary geologist at the SFU Earth Sciences department. He studies the limits and timing of glacier advances and retreats to reconstruct sedimentation style and climate in the past. He also studies landslides, both natural and forestry related.
- **Paramedic:** Patti Lawson has been a paramedic with BC Ambulance for the last 10 years, starting out in small communities and now working in downtown Vancouver

Panel E

- **Science World Coordinator:** David Savory started out as a teacher and now works at Science World delivering wonderful, wacky science programs. He says the most exciting point in his career was when he rescued a Brazilian stone-age village from a column of advancing army ants by creating an anti-gravity vortex from dryer lint and gasoline. Stephan Adamus is a graduate of the Terry Fox Science Co-op and works as a coordinator for school programs. He loves going to work every day.
- **Veterinarian/Animal Health Technologist:** Come and listen as Diane Boyle describes a day in the life of a companion animal vet. She also helped design and teaches in the animal health technology program at Douglas College.
- **Game Designer/Software Developer:** An entrepreneur by nature, Robert Basler founded Aurora Systems, Inc. in 1988. He developed software products for people with special needs. In 2005 he joined EA Canada and has worked on over 30 games such as Madden Football, Tiger Woods golf, FIFA Soccer and Medal of Honour.
- **Pharmacist:** Karen Sze started as an on call roving pharmacist for Save On Foods and now works full time at the Port Coquitlam store's pharmacy.
- **Autobody Repair:** works at As New Autobody erasing the dents and scratches that life throws at most peoples' vehicles.

Panel F

- **Nurse/Home Care Nurse:** Shirley Sarai has worked as a ward nurse and doing administrative duties at Royal Columbian Hospital. She currently works delivering care in patients' homes.
- **Electronics/Avionics/Computers:** Jim Penty has been involved with computers and electronics from the start of the computer boom, as an entrepreneur owning his own computer systems business. He currently works at BCIT instructing in 5 programs including computer systems and avionics.
- **Millwright:** Jeff Williams of Wildwood Custom Millwork makes cabinets and other installations for new construction and renovations.
- **Professional Athlete/Firefighter:** Bret Anderson graduated from Terry Fox, then played basketball and football at SFU before joining the BC Lions who he played with for 13 years. He is now a firefighter in Port Coquitlam.
- **Let's Talk Science**

Keynote Speaker: Sandra Nicol is a **registered professional biologist** who earned her B.Sc in ecology and her M.Sc in freshwater biology from UBC. She has practiced aquatic ecology across B.C. from fishing boats off the west coast to the Shuswap to the Peace region, as well in northern Canada and the Canadian shield. She currently works as an environmental consultant for a variety of clients ranging from municipal and regional governments to mining and oil and gas companies. She spends as much time as possible backcountry skiing and scrambling in the amazing Coast Mountain wilderness.



Quantum Leaps 2010

Registration Form

Your name: _____

Please print clearly.

We will be making up nametags so write what you want printed on your name tag.

Grade: _____

Contact Phone Number: _____

Contact e-mail: _____

Students – the Fee is \$12. This covers the dinner and prizes. Hand this form to the Career Resource Facilitator in the career centre.
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Please rank your choice of panels. We will do the best to ensure you get your choices.

Write the number “1” for your first choice and “6” for your last choice.

Please rank all the panels.

You will attend 2 or 3 panels as well as the keynote speaker.

Panel A ____

Panel B ____

Panel C ____

Panel D ____

Panel E ____

Panel F ____

(please tear this page off ... keep a copy of your choices on the previous pages)