



SCHOOL DISTRICT NO. 73
(Kamloops-Thompson)

FEB 21, 2020

For more information contact
edevries@sd73.bc.ca

**OPEN TO
GRADE 10-12
GIRLS IN SD73**



OPEN DOORS IN STEAM

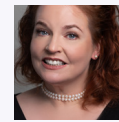
Hear from women working in the industry.
Hear from women pushing their limits and reaching
for innovative careers.

See what's possible for you.

Schedule

9:00am - 9:15am	Guest arrival and check in - TRU House of Learning
9:15am - 9:50am	Welcome and Opening Keynote - HoL 190 (Kerry Gibson, President, EcoCentury Technologies)
10:00am - 10:35am	Session One
Choices: <i>register for one</i>	Anise Barton, Calley Gray, Jen Fretz, Katrina Ballance, Kerry Gibson, Leslie Thomson, Lorraine Sammut
10:45am - 11:20am	Session Two
Choices: <i>register for one</i>	Cynthia Hunter, Debra Owen, Heather MacKnee, Jessica Steeves, Josie Vayro, Lori Birk
11:30am - 12:00pm	Movement Break
Choices: <i>register for one</i>	Presentation Skills - with Christy Gauley, BMus BEd MEd POUND - with Chelsea Blair Be-You-Tiful Fitness Print-making - with Ila Crawford Barre - with Lori Birk Grounded and Sound Yoga - with Tania McCartney Capturing Moments and Movement - with Kathleen Fisher and Alex O'Daly Stretches and Movement - with Abbie Larose, RMT
12:00pm - 12:40pm	HoL Lunch with student panel and networking Sponsored by Advancing Women in Engineering and Technology
12:45pm - 1:20pm	Session Three
Choices: <i>register for one</i>	Ila Crawford, Jenifer Norwell, Marcie Cochrane, Monique Vek, Robline Davey, Tess Menges
1:30pm - 1:50pm	Concluding Message Virtual Keynote Inclusion and Women in STEM (Lisa Willis- Assistant Professor, Science: University of Alberta)

Keynote Speakers



President,
EcoCentury
Technologies

Kerry Gibson is the President of EcoCentury Technologies, which is a socially directed developer and distributor of clean Technologies such as LED lighting and Hydrogen powered amphibious vehicles. She is passionate about sharing her expertise and connections through many Foundations and Organizations, and supports creating accessibility, building legislation, and developing clean tech systems around the world. She is currently focused on several collaborations that will address the Sustainable Development Goals of the United Nations both locally and globally. Ms. Gibson speaks on global platforms including the UN and the House of Commons. Among many awards and titles, Ms. Gibson has been named UN Women Planet 5050 Champion, a Canadian Global Goodwill Ambassador, and has recently received a Times of Canada award for Excellence in Innovation.



Assistant
Professor,
Science:
University of
Alberta

Lisa Willis is currently an Assistant Professor in the Department of Biological Sciences at the University of Alberta. She is also a member of the Women and Children's Health Research Institute and is on the steering committee for the Canadian Organization for Gender and Sex Research. She studies how bacteria respond to changes in their environment and how the male and female immune systems differ. Dr. Willis did her training at the University of Victoria (B.Sc.), the National Research Council Canada (4 years as a technician), the University of Guelph (Ph.D.), and the University of Toronto (Postdoctoral fellowship). Dr. Willis is the creator of InclusiveSTEM, a program that uses data and literature to improve the participation and lived experiences of women and other under-represented groups in STEM. She has spoken across Canada through her work supporting InclusiveSTEM in research and in the workplace.

Lunch Sponsor



**ADVANCING WOMEN
IN ENGINEERING
AND TECHNOLOGY**

Sector Labour Market Partnership Initiative



Presenters



Doctor, Royal
Inland Hospital

Anise Barton completed a BSc with honors in zoology in 1996 at the University of Alberta before deciding to pursue medical school and completing her residency in general surgery in 2007, when she moved to RIH. Anise was the co-site director for the UBC medical school clerkship at the Royal Inland Hospital in Kamloops for seven years, and regularly teaches medical students and surgery residents. She is currently in her final year for a Masters in Global Surgical Care at UBC. Her interest and research focuses on breast cancer treatment in BC and globally.



Mortgage
Broker

Debra Owen is a former Wildland firefighter, and has been in the mortgage industry now for 17 years, owning her own brokerage for the last 11 years. Deb is passionate about sharing knowledge of her field of expertise to others in order to help them achieve their goals of home ownership and credit management. Deb believes that knowledge of credit management should be taught in the high school curriculum as a way to educate future consumers on how to position themselves for home ownership.

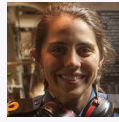


Professional
Engineer,
Director of Civic
Operations, City
of Kamloops

Jen Fretz has worked as a professional engineer for over 20 years overcoming many challenges in gender equity in that time. Jen has experience working in the consulting field as the only woman on large construction sites. She joined the City of Kamloops and is now the Director of Civic Operations. Her work with the City of Kamloops includes being the leader of a team of approximately 380 people, the majority of whom are male. She is happy to share her experiences and challenges to offer advice and support to young women who might be interested in exploring opportunities in the engineering field.

Geological
Engineer, Teck's
Highland Valley
Copper Mine

Jessica Steeves graduated from Queen's University in 2013 as a Geological Engineer. She moved to Kamloops and began working for a geotechnical consulting firm. She has worked all over BC on projects ranging from mine design, drill supervision, core logging, construction supervision. After 3.5 years in consulting, Jessica took a position at Teck's Highland Valley Copper mine and began as a Project Engineer in the Water and Tailings group before moving to Mine Operations as a Supervisor. Jessica has recently completed her Master's in Business Administration and is currently working with the autonomous truck technology at Teck's Highland Valley Copper Mine.



Marine
Systems
Engineering
Officer, Royal
Canadian Navy

Calley Gray is a Marine Systems Engineering Officer in the Royal Canadian Navy and specializes in Naval Architecture. She holds a Bachelor's degree in Mechanical Engineering from the Royal Military College of Canada and a double masters from the Massachusetts Institute of Technology in Mechanical Engineering and Naval Architecture. During her schooling, Calley played high level soccer and competed internationally with the Canadian military. Calley has spent four years sailing on warships and has been deployed to South America and the Asian Pacific. Throughout her 16 year career in the Navy, she has been involved with tests and trials of emerging technology, the maintenance and operation of major warships and management of personnel.



Environmental
Engineer,
Urban Systems
Ltd.

Heather MacKnee graduated from the UBC-UNBC Environmental Engineering program in 2010 and moved to Kamloops to work for Urban Systems, an engineering consulting firm. Heather has a passion for clean energy projects and is fortunate to work closely with many First Nation communities across BC to advance infrastructure projects that make a difference in their communities. Her ultimate goal is to continue to support communities in making positive change. Heather is constantly experiencing new challenges and enjoys technical problem-solving, learning something new every day, and working with people who are also passionate about what they do.



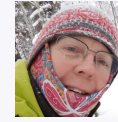
Associate
Producer, CBC
Radio

Jenifer Norwell is a journalist working with the CBC Radio Morning show in Kamloops, Daybreak Kamloops. She worked in Journalism, Communication and New Media department at Thompson Rivers University for one year and has recently completed a Master's in Community Development.



TRU Post
Doctoral
Research
Fellow— Rural
Livelihoods and
Sustainable
Communities
Lab

Josie Vayro's passion and primary research interest as a primatologist is monkeys. Through studying behaviour her work and research has taken her to many interesting places. Currently, Josie is a Post-Doctoral Research Fellow at TRU, in the Rural Livelihoods and Sustainable Communities Lab. Her current work focuses on community-based research with rural Indigenous peoples in Northern Canada. Josie has an undergraduate degree in Environmental Studies, a Master's in Environmental Biology, and a PhD in Biological Anthropology. In the future she hopes to combine her experience in animal behaviour and research with people to contribute to better conservation policy and practice.



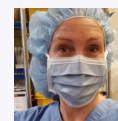
Physiotherapist,
Children's
Therapy and
Family
Resource
Centre

Cynthia Hunter graduated from Ashcroft Secondary School and began her post-secondary education with a diploma as a Pharmacy technician. She changed career paths and completed a diploma in Animal Health Technology. Passionate about agriculture Cynthia conducted research in beef cattle parasite control and research in the management of beef cattle grazing on native toxic plants. Cynthia decided to pursue a Bachelor of Science in Physiotherapy specializing in Pediatric Neurology and has worked in BC and the Yukon. Cynthia completed her Masters in Rehabilitation Science from UBC and is now working at the Children's Therapy and Family Resource Centre in Kamloops.



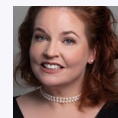
Retired Senior
Lecturer, TRU
Visual Arts

Ila Crawford has shared her passion for drawing, painting, printmaking and art fundamentals as a lecturer at TRU since 1992. She holds a Bachelor of Fine Arts, Bachelor of Social Work, and a Masters of Fine Arts. Now retired, Ila continues her creative work as a printmaker and shares her joy through the Kamloops PrintMakers Society, a non-profit printmaking studio, where she is a founding member.



RN BSN CGN,
Royal Inland
Hospital

Katrina Ballance is a lifelong learner and adventurer having worked seasonally in forestry and carpentry, tree planting and firefighting, in order to explore the world. She attended Langara College to earn a Recreation, Fish and Wildlife Technical Diploma and then worked for Revelstoke and Glacier National Park on Trail Crew, her favourite job! From there she moved back into the Forestry sector before switching paths to work for a Heli-ski operation. To maintain that lifestyle she ventured into a whole new career; massage therapy. After launching her curiosity in biology and pathophysiology she developed the confidence to take her learning to the next level, Katrina decided to pursue her Bachelor of Science in Nursing. Currently, Katrina has completed her specialty in Gastroenterology and is working at RIH as the ENDO Resource/ENDO Educator while entertaining thoughts of a Master's Degree.



President,
EcoCentury
Technologies

Kerry Gibson is the President of EcoCentury Technologies (bio available under "Keynote Speakers").



*Co-director, The
Dance Gallery*

Lori Birk trained in all disciplines of dance, starting at the age of 4. She started teaching in 1994 and taught at multiple studios in Victoria. In 2003, she moved to Prince George, then finally to Kamloops in 2006. In 2010, Lori began teaching at the Dance Gallery and became a Co-Director in 2014. In addition to the 18 years of training, she has been a dance instructor for 25 years and continues her professional development both locally and internationally. Lori is certified in Progressive Ballet Technique, Acrobatic Arts and several fitness fields, including Total Barre.



*President, M
Sport 6 Apparel*

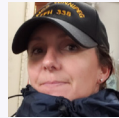
Monique Vek loves to have fun. She is excited to share the stories of her journey with you as someone who has experience in film for television, professional mountain bike guiding, the apparel industry and more. Monique is passionate about connecting with young people to help STOP all your worries and point you in the right direction. Be prepared to giggle and be inspired to live your life, your way.



*Supply
Specialist,
Public Services
and
Procurement
Canada*

Tess Menges completed her degree from SFU and went to work at Big Sisters for one year. In 2008 she joined the federal government. Tess has worked for a national commodity management group to buy printer products for the country, helped small businesses with procurement and funding, and run the Build in Canada Innovation Program for 8 years in Pacific Region. She worked at Seaspan for the National Shipbuilding Strategy. Tess assists small businesses with government procurement and has partnered with the Department of National Defence to help with the IDEaS program

*Accounting
Technician*



*Executive
Officer, HMCS
Winnipeg*

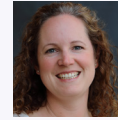
Leslie Thomson holds a Bachelor's Degree in Sociology from UBC Okanagan. She has worked in accounting at KPMG for four years before working as an accountant at Campbell & Co Chartered Professional Accountants. Leslie is currently raising her family and working as a contract auditor for the ministry of transportation.

Lieutenant Commander **Lorraine Sammut** is a Naval Warfare Officer. She holds a Bachelor's degree from the Royal Military College of Canada and is a graduate of the Joint Command and Staff Program at the Canadian Forces College in Toronto. She has served in shore positions and on seagoing posts in both frigates and destroyers, spanning the arc of Navigation, Operations and Executive services. Concurrent with her shore postings, she was humbled to serve as Aide de Camp to the Lieutenant Governor of British Columbia as an Aide-de-Camp from 2010-2016. Lieutenant Commander Sammut has deployed on various operations during her career and was the first female to fire every single weapon aboard the HMS Regina. In July 2019, Lieutenant Commander Sammut was appointed to her present assignment as Executive Officer (Second in Command) of HMCS Winnipeg – one of Canada's 12 Canadian Patrol Frigates. Lorraine currently resides in the Westshore with her husband Paul and two daughters.



*Assistant
Professor,
Science,
University of
Alberta*

Lisa Willis is currently an Assistant Professor in the Department of Biological Sciences at the University of Alberta (bio available under "Keynote Speakers").



*President,
Advance
Principle
Consulting Inc.*

Marcie Cochrane is a Professional Engineer. She received her Electrical Engineering degree from UVic and MBA from Royal Roads University. Marcie has worked in a number of different sectors including consulting, municipal, and product development. Within these sectors she has worked on a range of projects including the design and construction of 10 km of high voltage underground transmission line through downtown Edmonton, development of products used for monitoring and managing power systems, and the development of a municipal energy management plan. Marcie now works as a consultant within the engineering sector, focused on diversity and inclusion within the profession.



*Graphic
Designer and
Learning
Strategist, TRU*

Robbline (Robbi) Davey has had a meandering career path, starting out at UBC as a Bachelor Fine Arts student, with a high school focus on the tech and math. She ended up completing a BA in Art History, went on to work as an intern at the SFMOMA after moving to San Francisco. Robbi has had her own mural and painted furniture company, received a graphic design diploma, done a stint at Google as designer with markup skills (to make the web look nice). Her passion remains in illustration and making things, and she keeps trying to get back to that, but technology always lures her back. Robbi has worked at Open learning for 8 years as a graphic designer responsible for developing learning objects. She recently completed a Masters in Education with a particular focus on how Indigenous students experience online or distance learning.

Movement Leaders

Abbie Larose, RMT - Movement and Stretching (a session in everyday mobility and stretches to support flexibility and movement for life)

Christy Gauley, BMus BEd MEd - Presentation Skills (a session of movement and breath to help building presentation skills for life)

Chelsea Blair Be-You-Tiful Fitness - POUND (a session for energetic release and rhythmic movement)

Ila Crawford - Print-making (a session in creativity and print-making)

Kathleen Fisher and Alex O'Daly - Capturing Movement and Memories (a session in cell phone photography and videography)

Lori Birk - Barre (a session in barre exercises for strength and flexibility)

Tania McCartney - Grounded and Sound Yoga (a session in movement and stretches for strength and flexibility)



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THOMPSON RIVERS
UNIVERSITY
FACULTY ASSOCIATION



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