

The NSERC Atlantic Chair's program for Women in Science and Engineering, WISEatlantic, aims to provide junior and senior high school girls access to role models active in the sciences and engineering fields through mentorships, webinars, science workshops and camps. We network with women from industry and academia, from science, engineering and technology disciplines at various stages in their careers.

What's Coming Up:

The Mount's Girls Conference 2017

On **March 3rd, 2017** Mount Saint Vincent University and the Alexa McDonough Institute for Women, Gender, and Social Justice will welcome junior and senior high school girls from across the province to the Girls 2017 Conference. Young women at the conference will have the opportunity to participate in workshops and activity sessions which include confidence building, leadership skills, personal and professional growth, and developing stronger minds and bodies. WISEatlantic will hold a session entitled 'Meet Your Mentor'. Visit www.msvu.ca for further details.



Our 5th Girls Get WISE Science Retreat at the Mount!

Our annual **Girls Get WISE Science Retreat** will take place **Saturday, April 1, 2017**. Girls in grades 7-12 are invited to participate in this hands-on science event and will have the opportunity to chat with female role models in various STEM careers. Early registration opens March 1st for African Nova Scotian and First Nations students at www.WISEatlantic.ca. General registration opens March 8th. Space is limited - Register early!

In the Pipeline...

- International Women's Day - March 8
- Girls Get WISE Science Event in Cape Breton - March 25
- Atlantic Cybermentor - Call for Mentors
- NSERC Science Odyssey Week - May 12-21

Step Up Workshop

An academic advancement workshop for female faculty in STEM will take place on **Friday, March 17th, 2017** and will be held at the **Hilton Hotel in Saint John, NB**. The workshop will focus on teaching, research and service. Travel subsidies are available, email us at WISEatlantic@msvu.ca to find out more.



Advancing Women in SETT

Atlantic Connections Conference 2017

The second biennial Atlantic Connections Conference is scheduled for **May 3 & 4 2017 at Mount Saint Vincent University** in Halifax, NS. The Atlantic Connections Conference provides an opportunity for women in SETT from Atlantic Canada to share their experiences of studying and working in male-dominated fields, to network with others, and to develop action items with the goal of advancing women in SETT. Women and their male colleagues in SETT from a cross-section of industries, education, government, and not-for-profit organizations are invited to attend. Early bird registration opens February 15, 2017 on www.AtlanticConnections.ca. Additional professional development workshops will be held on May 2nd.

What We've Been Up To:

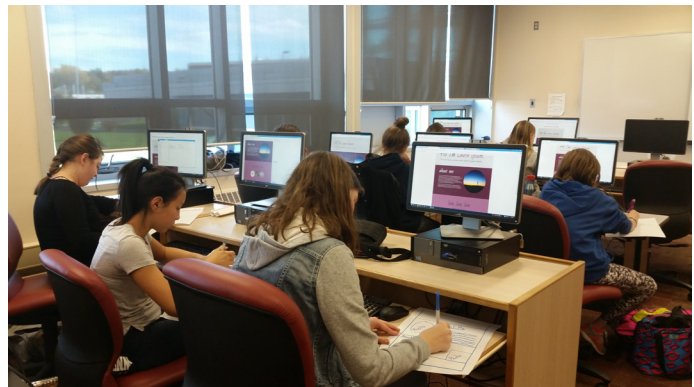
Lets Talk Science Event



On October 7th, 2016 we co-hosted the Let's Talk Biochemistry WISEly Symposium at Mount Saint Vincent University. Over 75 students in grades 7-9 participated in this fun filled event. The students had the opportunity to hear from three Professors in Biochemistry and related fields. Dr. Kyly Whitfield in the Applied Human Nutrition Dept. at the Mount was one of the speakers. She talked to the students about her research with fish sauce fortification in Cambodia.

Girls Get WISE in Technology Workshop Series

WISEatlantic and Ladies Learning Code hosted our first Girls Get WISE in Technology workshop series in Truro, NS. This workshop featured three sessions on webmaking with HTML and CSS, held on November 5th, 26th & December 10th. Eleven girls attended the sessions and learned how to create their own websites!

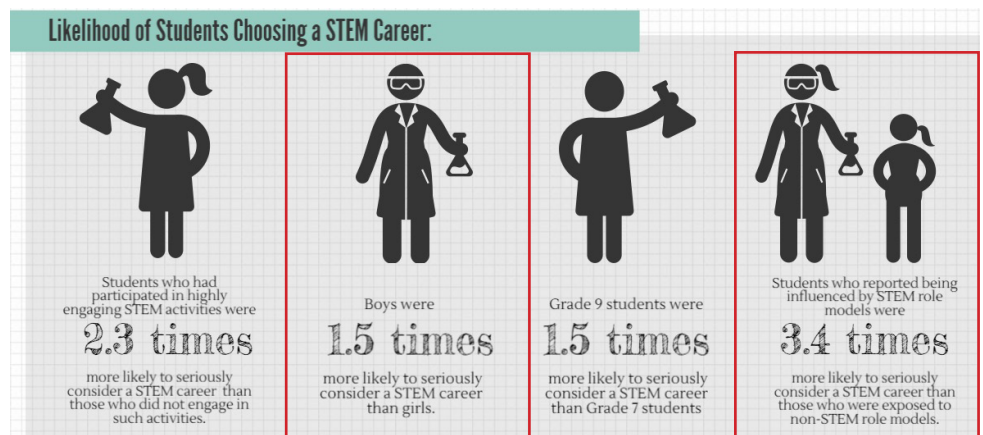


Research Study Results

The WISEatlantic Survey Team presented their latest results on Youth Perspectives on STEM Education, Career Choices and Influencers in Atlantic Canada on November 3rd, 2016. The survey was conducted with students in grades 7-9.

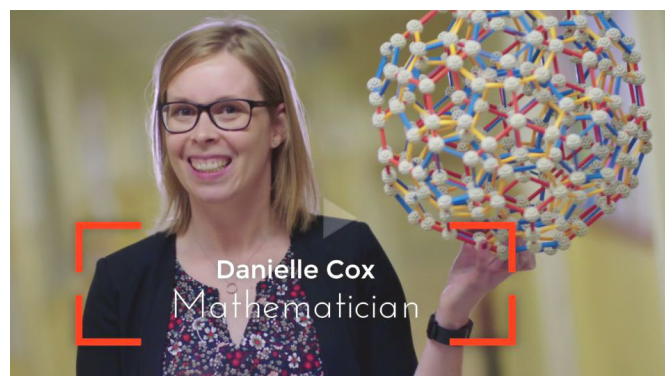
If you are interested in viewing the executive report please visit www.WISEatlantic.ca/researchteam.asp.

Provincial reports are also available upon request.



Role Model Videos

In early December we created another video for Techsploration's Women in Action video series. This video features Dr. Danielle Cox, a Mathematician at Mount Saint Vincent University. Dr. Cox is passionate about math, and math outreach to students which comes across very clearly in the video. Dr. Cox was the former director of Math Circles, and she currently organizes the Mount's Science Circles program. Check-out the video at www.WISEatlantic.ca/videos.asp.



Call For On-Line Mentors

WISEatlantic is gearing-up to launch the Atlantic Cybermentor Program for girls in junior and senior high school in Atlantic Canada. Cybermentor is a free online mentoring program for grade 7 to 12 girls in Atlantic Canada, who like science and

want to make a difference in the world. Women in STEM who are interested in mentoring girls are encouraged to sign-up at <http://atlantic.cybermentor.ca/>. Once you register on the website, we will be in contact regarding completing your application (which involves a criminal records check). By building a relationship with a successful female role model, girls will discover new career paths in science, technology, engineering, and math, and hopefully be inspired to take science and math subjects.

We aim to launch our new **Atlantic Cybermentor** program in September 2017 with recruitment for girls beginning August 2017.

Women in Science Speaker Tour

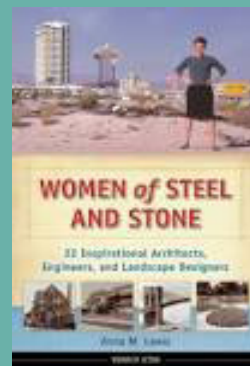
The first Women in Science Speaker Tour, a collaboration between WISEatlantic and Science Atlantic, is underway. **Dr. Catherine Lovekin, Assistant Professor in the Department of Physics at Mount Allison University**, gave her first public talk at Acadia University on November 22nd. Dr. Lovekin discussed her work in Asteroseismology. Her next research seminar is scheduled for January 12th at the University of New Brunswick and on January 24th she will be at Mount Saint Vincent University.



Science Atlantic
connecting science education and research

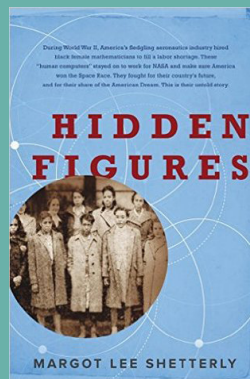
WISEatlantic Chair Reading Picks

Grab a cozy blanket and a coffee...



Women of Steel and Stone: 22 Inspirational Architects, Engineers, and Landscape Designers

By Anna M Lewis



Hidden Figures: The American Dream and the Untold Story of the Black Women Mathematicians Who Helped Win the Space Race

By Margot Lee Shetterly

News from Across the Region

Nova Scotia

- Techsploration's first Techsplorer Event of 2017 will take place April 6 & 7th at NSCC Strait Area Campus, Port Hawkesbury, NS. Visit Techsploration.ca to learn more about the program and their amazing impact!
- The Nova Scotia Institute of Science (NSIS) series of public lectures for 2016-2017 features 50% female speakers! See list of female speakers below. Visit nsis.chebucto.org for times and locations. Dr. Tamara Franz-Odenaal is the current Vice-President of NSIS.
 - January 9, 2017 - Dr. Hilary Moors-Murphy, *Listening in on the Deep: The Story that Whale Sounds can Tell*
 - March 6, 2017 - Dr. Danielle Cox, *That's Math?!*
 - May 1, 2017 - Tara Imlay, *Where Have all the Swallows Gone?*
- Acadia University is offering a new course called 'Women in Science'. As a part of the course requirement, students will be asked to interview women working in STEM fields. If you would like to learn more or are willing to be interviewed, please contact Dr. Randy Lynn Newman at randy.newman@acadiau.ca or 902-585-1405.

Newfoundland

- The WinSETT Centre is offering the full series of Women in SETT Leadership Program workshops in St. John's, NL, with the first workshop starting January 14th. WISEatlantic is a proud sponsor of this event.

Topics include:

- Becoming Leaders: An Introduction to Leadership Skills and Strategies
- Effective Communication for Women in SETT
- Negotiating for Success
- Navigating the Politics of the Workplace
- Networks, Mentors and Sponsors
- Towards a Gender Inclusive Workplace



National

- **LOGIC Retreat** on Becoming a Confident Chemist and Future Leader prior to the 100th Canadian Chemical Conference will take place May 26-28th, 2017 in Toronto, ON. Visit <http://www.chem.utoronto.ca/wp/womeninchemto/logic-retreat/> for more info.
- Save the Date: **The North American Gender Summit** is coming to Canada for the first time in 2017. From **November 6 to 8, 2017**, close to 600 advocates of gender equality from science, innovation and development will participate in the Gender Summit North America 2017, to be held in Montréal, Canada. Watch for further information in the next newsletter.
- Funding for national Women in Science and Engineering activities will be available soon - watch for a twitter announcement in the coming months or contact us!

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Stay Connected:

For resources, videos, and info about upcoming events: www.WISEatlantic.ca



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