

## SCIENCE ODYSSEY



Jr. Camp 2019

### WHATS COMING UP:

#### Colouring the Galaxy Virtual Event

We're celebrating Science Odyssey Week with our own virtual event on May 14, 2021! Aimed at students in grades 8 & 9 and their teachers, Colouring the Galaxy will explore concepts of light and the electromagnetic spectrum. Participants will learn how scientists add colour to monochromatic images of celestial objects taken with powerful telescopes, like the one at the Burke-Gaffney Observatory in Halifax, and try their hand at colouring their own image. Full details, and how to sign-up your class at [WISEatlantic.ca/events/](https://wiseatlantic.ca/events/)

#### Girls Get WISE Science Summer Camps

Exciting news, we've been approved for in-person summer camps at Mount Saint Vincent University for 2021! We will be having two Junior camps this year (same camp, run twice) from July 26-29 and August 3-6. Junior camps are for girls ages 12-14. Our Senior camp, for girls 15 & 16 years old, will take place August 16-19. There are a limited number of spots available due to COVID-19 restrictions, so make sure to register ASAP! Registration for all three camps will open May 7, 2021. For full camp details, regulations, and registration information, visit [WISEatlantic.ca/ggwcamps/](https://wiseatlantic.ca/ggwcamps/)

### WHAT WE'VE BEEN UP TO:

#### Virtual Girls Get WISE Science Retreat

Our Girls Get WISE Science Retreat went virtual this year! On May 1, 38 girls in grades 7-10 gathered through Zoom to participate in various STEM activities, including a CSI-based spatter analysis activity and a STEM-themed escape room! Girls also got to speak to a Civil Engineer, a Physicist, and an Environmental Scientist during our always popular role model session.

#### March & April Career Corner Sessions

To celebrate Engineering month in March, four role models joined us to talk about their careers in Engineering; these included an Associate Professor, an Industrial Engineer, a Power Engineer, and a Geotechnical Engineer. In April, we explored both Chemistry and Neuroscience research fields. Our Career Corner Sessions will pause for the remainder of the school year. We hope to re-instate them in Fall of 2021 in some capacity (possibly in classrooms), so stay tuned!



March Career Corner  
Role Models

## FEATURES:

### Women in Science Speaker Tour

We've partnered with Science Atlantic to showcase research conducted by early-career female faculty in Atlantic Canada. The Women in Science Speaker Tour is seeking nominations of early-career female faculty in the following fields: Computer Science, Aquaculture & Fisheries, Earth Science, Environmental Science, and Nutrition. Know a researcher who would like to participate in the tour? Nominations can be sent to [WISEatlantic@msvu.ca](mailto:WISEatlantic@msvu.ca) *Note: tour will either be in-person or virtual, depending on COVID restrictions at the time.*

### Career Spotlight Series - Engineering Booklet

The second installment of our Career Spotlight Booklet Series is almost here! This edition features various female Engineers from across the Maritime provinces. The Career Spotlight Series aims to highlight the variety of possible careers in the STEM fields. The booklet will be available on our website at [WISEatlantic.ca/resources/](http://WISEatlantic.ca/resources/) or contact [WISEatlantic@msvu.ca](mailto:WISEatlantic@msvu.ca) for a printed copy for your classroom.

### Nova Scotia Institute of Science - Public Lectures

WISEatlantic was happy to sponsor five female scientists in Atlantic Canada to give public talks for the NSIS's Public Lecture series in 2020/2021. All talks were recorded and can be viewed on the NSIS Youtube channel. More information can be found at [nsis.chebucto.org/](http://nsis.chebucto.org/)



Engineering Career Booklet

## NEW WISEATLANTIC BLOG!

### Girls Get WISE Science Summer Camps: An incredible opportunity

BY SHABAD KAUR

Career experience in adolescence is one of the most crucial building blocks of life that many individuals do not have the opportunity to encounter. For the age groups of 12-16-year olds, experience is what drives conversation in order for them to make career decisions in high school that will impact their future. Discovering mathematical talent or falling in love with human anatomy, can influence minds and allow students to discover their passion. But, the lack of exposure to a range of different opportunities can limit students to only certain or "main" career options that they may not be interested in. Specifically, although the representation of women has increased in areas of STEM, there is still a significant lack in areas such as engineering. I previously read that women made up 34% of STEM bachelor's degree holders and only 23% of science and technology workers are women.

It is evident now more than ever that opportunities must be presented to young women in order to expand their knowledge on incredible STEM career options.

One of the most incredible opportunities I took part in and that allowed me to expand my interest in STEM was the Girls Get WISE Science Summer Camp. The camp was a week-long event that exposes young women to the sciences, technology, engineering, and math. The activities were so valuable because they were educational along with enjoyable.

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