



# Science Rendezvous Victoria 2024



Scan the QR code to  
fill out our feedback  
survey and WIN!

Saturday, May 11, 2024 | 10 a.m. – 3 p.m.  
Bob Wright Centre, UVic

## Presentations - BWC A104

## Tours - Sign up in BWC Lobby

### 11:00 – 12:00 Fun With Physics

*You don't want to miss this series of demos, starting with fire and ending with quantum physics.*

### 12:15 – 12:45 The Beautiful Math of Wallpapers

*Of all the wallpaper ever created, it turns out there are only 17 patterns of symmetry. Come help figure them out!*

### Satellite Mission Control (11, 12, 1 and 2)

*Come learn how we communicate with satellites and other stations from UVic Mission Control.*

### Advanced Microscopy Facility (11:30 & 1:30)

*Come check out one of the world's largest and most powerful microscopes. You've never seen things this small!*

## Drop-in Activities

### Animal Communication – BWC Lobby

*Have you ever heard a bird call and wondered what it was saying? Come learn about how animals communicate!*



### Community Mapping for RUSH – BWC Lobby (12 – 3)

*Come map Resilient Urban Systems and Habitat (RUSH) by using the "Tell me a story..." mapping game.*



### iTrackDNA – BWC Lobby

*Learn about environmental DNA and how it can be used to detect at-risk and invasive species.*



### Kids' Zone – BWC Lobby

*Explore a wide variety of screen-free, interactive science.*

### Micro Lab Skills Sampler – BWC Lobby

*Have fun with real equipment commonly used in a biochemistry laboratory!*



### Microscopic Explorations – BWC Lobby

*Hands-on activities using light microscopes and a scanning electron microscope.*



### Ocean Instruments, Ocean Data – BWC Lobby

*Listen to marine mammal sounds recorded by Ocean Networks Canada. Can you tell the difference between human and whale sounds?*



### Thermodynamic Curiosities – BWC Lobby (10 – 12)

*Watch water change forms, explore cool balloon experiments and discover how water can boil with no heat!*



### UVic Rocketry Display – BWC Lobby

*A display of rocket components and systems designed and manufactured by students.*



### Making a Splash – Outside BWC

*At the Large Hadron Collider, protons are smashed together. At UVic, we're simulating this with water balloons!*



### Mock Excavation and Finger Fluting Station –

*Outside BWC  
Try your hand at excavation and find (replica) artifacts. See what it's like to make finger flutings like a Stone Age kid!*



### Ocean Sense – Outside BWC

*Discover the ocean through science, Indigenous knowledge and data exploration.*



### Rocket Launch Station – Outside BWC

*Bottle rockets are rockets powered by water and air pressure. How high can they go?*



### Seed Ball Making – Outside BWC

*Come learn about native plants and seeds and then squish native seeds with mud into seed balls.*



### The Biology of Sound – BWC A107

*Learn about the ways fish produce and hear sounds. Can you match the sound with the fish? Presented by FishSounds Educate.*



### Earthquakes – BWC A111

*Come learn about earthquakes, how they happen and how we record them and see how big of an earthquake you can make!*



[More activities! →](#)

# Drop-In Activities cont'd

## Light and Lasers – BWC B115

Come watch water bend laser light and learn how fiber optics work.



## Biology in Action – BWC B117

Explore the diversity of biology. Take a closer look under the microscope and create dot images using pipettes.



## Reaction Time – BWC B118

Come enjoy a variety of chemical reactions and transformations.



## Exploring Earth Systems: Tornadoes to Dinosaurs – BWC B119/121

Explore geology, oceanography, the atmosphere and the climate! With an extra helping of paleontology and dinos.



## The Secrets of Light – BWC B202

Explore the nature of light, bend its path and uncover the secrets not available to our eyes.



## Tech Lounge – BWC 2<sup>nd</sup> Floor

Come explore and play in our digital tech lounge.



## Math Mania – BWC 3<sup>rd</sup> Floor

Come play some mathematical games! Fun for all ages.



## Measure Your Brain Activity – BWC 3<sup>rd</sup> Floor

Explore how your brain works! Using EEG, visualize and understand your brain's electrical activity in real time.



## Megawatts & Marbles – BWC 4<sup>th</sup> Floor (12–3)

A group gaming experience that demonstrates how different types of power generation behave.



## Opportunity Cost – BWC 4<sup>th</sup> Floor

Central to thinking like an economist is to have a clear understanding of opportunity cost.



## What Can We Learn From Psychology? – BWC 4<sup>th</sup> Fl

Come learn about how researchers study the way (10–12) people think, feel and develop across the lifespan.



## Stars & Space – BWC 5<sup>th</sup> floor

Drop in to tour the UVic Observatory and learn about the Sun!



## Fantastic Microbe Biochemistry – Petch 145

Discover the miniscule world of microscopic creatures and their infinitesimal biochemical factories.



## Greenhouse Tours – Glover Greenhouse (11–2)

Come tour the Bev Glover Growth Facility to see current research in plant biology and our teaching collection.



## Prize Draw!

Visit 5 different activities, one from each category, get a stamp, and enter for a chance to win a science prize pack, valued at \$75+!

Prizes have been provided by Two Otters, Dino Lab, Swan Lake Nature Sanctuary, Victoria Bug Zoo, Shaw Centre for the Salish Sea, UVic and Camosun.



Physical Science



Biological Science



Engineering, Technology & Math



Ocean Science



Social Sciences

## Enter the draw!

Name: \_\_\_\_\_

Email: \_\_\_\_\_

Phone #: \_\_\_\_\_

## Accessibility

We are committed to making our event as accessible and barrier-free as possible.

- All UVic buildings are accessible to people with differing mobility issues and mobility aids.
- From 9:30 – 10 a.m., we will be open for folks who would like a distraction-reduced environment.

## Food Trucks

Food trucks will be available onsite from 10 a.m. – 3 p.m.

Stop by for coffee, lunch or some ice cream sandwiches!



University of Victoria

