

Newsletter 312 BIG Little Science Centre September 2017

BIG Science

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Adele Stapleton Photo

Thompson Rivers University International Students Visit

International Students Visit the BIG Little Science Centre

Adele Stapleton Article and Photos



Siti Gemalla with Adele Stapleton



Gord Stewart with two visitors from Indonesia

During last week and this week there have been a number of students from Jakarta Indonesia staying in Kamloops and visiting the **BIG Little Science Centre**. They stay with families while in Kamloops. The program is coordinated by **Myrissa Krenzler** from TRU World. Each class has two or three instructors/chaperones with them, one from TRU and one or two from Indonesia.

There are about 200 boys and girls, ages 12 to 16, who are part of the TRU WORLD Program. (Nine classes ranging from 16 to 23 students) This is the fourth year that Thompson Rivers University has been running the TRU WORLD Program. Students attend a private boarding school in Jakarta. Other things they have taken part in are: A trip to Kelowna, rock climbing (indoors) and gold panning at Tranquille River with **Frank Ritcey** (Kamloops Naturalist Club). They will be going to Vancouver at the end of next week.





Shows and Activities, Autumn 2017

**The BIG Little Science Centre is open year round:
Tuesday to Saturday, 10am to 4pm**

Full activity information is on the website calendar.

The Exploration Room is open 10am to 4pm, with over 140 different exhibits to enjoy.
Special shows and activities run at the centre: daily July/August and Saturdays in the school year.
All activities are included with the standard entry fee, unless otherwise stated.

Family Programming

Saturday September 9: Light and Colour Show at 11am and 1:30pm

The beautiful and enlightening Light and Colour Show is an interactive, fun show that helps you find some rainbows in your life. Help us split light and put it back together again. We discover different ways of making light and how light moves.

Saturday September 16: The Amazing Magnetism Show at 11am and 1:30pm

This Amazing Magnetism Show is an interactive, fun show that explores magnetism and gives you some magnetic magic tricks to try out at home!

**Saturday September 16: BIG Little Science Centre's Travel Booth: FREE
Children's Arts Festival in Riverside Park, 10am to 4pm**

Under the Big Top is the theme this year. Join us to make a Balancing Clown to keep. Discover how balance works and how well balanced you are. Can you walk a tightrope with your eyes closed?

Friday September 22: LEGO! Construction Day from 10am to 4pm

Megablox, MagNext, more! All day long amazing building materials will be out for creative builders.

Saturday September 23: Community Science Experience with Science World FREE

At BIG Little Science Centre; booths from loads of science related community partners, special shows by Science World and BIG Little Science Centre. 10am to 4pm

**Sunday September 24: BIG Little Science Centre's Travel Booth: FREE
World Rivers Day in Riverside Park, from 10 to 2**

Explore the world of pond water using microscopes, hand lenses and all of your senses. Discover what the water contains and how it supports an ecosystem of many amazing animals.

Friday September 29: Natural Art: Beautiful Bubbles 3:00pm to 4:00pm: FREE

Celebrate Kamloops Culture Days with a BUBBLES, nature's way of creating rainbows in the round. Join us in the front field at the BIG Little Science Centre to explore just how incredible bubbles really are. You will make bubbles of many shapes and sizes while discovering amazing colours at the same time. Make square ones, long ones, bounce some, share some of the science and have a lot of fun! This outdoor activity is perfect for people all ages. Dress for the weather; rain cover is available. Drop in to participate anytime during this hour.

Saturday September 30: Snakes Alive! With Rocky's Reptiles at 11am and 1:30pm

Join Rocky as she introduces you to her friends; snakes and other cool reptiles. Rocky rescues reptiles and rehabilitates them. She is a keen supporter of proper care and handling of reptiles. This talk will allow you to discover more about these amazing creatures, how they suit being pets. Yes you will even be able to touch some of these great animals! Slither on in for a super snake program. Perfect for children over 3 up to adults.

Saturday October 7: Forces and Motion Show at 11am and 1:30pm

A force is a push or a pull. Explore the different types of force surrounding us and how they create movement. Be prepared for some surprises & to make things move.

Saturday October 14: Super Static Electricity Show at 11am & 1:30pm

An interactive, fun show that introduces static electricity, explores how it works and produces static in many ways, including using van de Graaff generators. Is it time for your science centre hair-do?

Saturday October 21: Awesome Air Pressure Show, at 11am & 1:30pm

Air is a force of nature that demands respect; join us for this interactive show to learn why. Watch out for falling water.

Saturday, October 28: GROSS Science for Halloween, all day 10am to 4pm

Catch the Halloween Spirit at the BIG Little Science Centre. Dress up in your Halloween finest and explore Gross Science. Make fake blood, orange gloop to go and try out some frightening sensory touch boxes. Are those really brains and eyeballs that you are holding. Halloween candy and decorations will be on hand. Watch out for surprises!!! Appropriate for children of all ages.

For more information please contact Susan Hammond: susan@blscs.org, or call 250-554-2572. The BIG Little Science Centre reserves the right to substitute alternate programming if needed.

Special Exhibits 2017

Microbes aRt Us: Art of Science Exhibition

Tuesday September 19 to Saturday November 4

For the public as well as school classes. Microbes aRt us: this art show was developed as a creative answer for using art and cave microbiology (science) in community outreach.

Black Box Exhibit

Saturday November 18 to Saturday December 9

For the public as well as school classes. Using a hands-on freestanding exhibit people will attempt to explain the mystery of how the Black Box works, while discovering the process of science and scientific modelling. Designed and developed by Perimeter Institute in collaboration with the Ontario Science Centre.

Adult Programming at the BIG Little Science Centre

Friday September 22: Pro-D Day with Science World for teachers

Register with Susan: Susan@blscs.org 250-554-2572

Design Thinking in Inquiry: Morning Session: 9 am to 12pm

The Design Thinking process is aligned with the new Applied Design, Skills, and Technologies (ADST) curriculum and focuses on risk-taking and embracing action-oriented solutions. It can also further enrich educators' roles as facilitators of student inquiry. Join us as we delve into the Design Thinking process while engaging in a hands-on design activity and exploring how the Big Little Science Centre can support you and your students' learning.

Assessing and Planning for Inquiry: Afternoon Session: 1pm to 3 pm

Inquiry-based learning requires inquiry-based assessment. Our students' development of curricular competencies may not be readily apparent. Test different methods for gathering evidence of learning and looking at student work. We will share best practices for assessment and feedback as we explore how to further inquiry-based learning in our classrooms.

KALS Special Sessions

Tuesday September 26: KALS Lecture, Physics: A Brain Teaser 1:30 to 3:00pm

Information on many different areas of physics, with connections and applications to our daily lives. Hands on discovery. At the BIG Little Science Centre.

\$10 per person. Sign up through the KALS website (<http://www.kals.ca/courses/>)

Tuesday October 17: KALS Lecture, Good Vibrations=Music 1:30 to 3:00pm

Try out different ways of making sound and music, while discovering the science behind it. Make some musical instruments to really get a feel for it! Hands on discovery. At the BIG Little Science Centre.

\$10 per person. Sign up through the KALS website (<http://www.kals.ca/courses/>)

Tuesday November 28: KALS Lecture, Pow, pop, flip, zoom! 1:30 to 3:00pm

Practical Applications of the Laws of Motion! Ever wonder what forces are involved with movement? Join us to make things move and learn about the forces behind them. Make a race car and see how fast you can make it go. Hands on discovery. At the BIG Little Science Centre.

\$10 per person. Sign up through the KALS website (<http://www.kals.ca/courses/>)

Science Lecture Series 2017 at the BIG Little Science Centre

Doors open at 6:30pm, lecture begins at 7pm. For older children and adults.

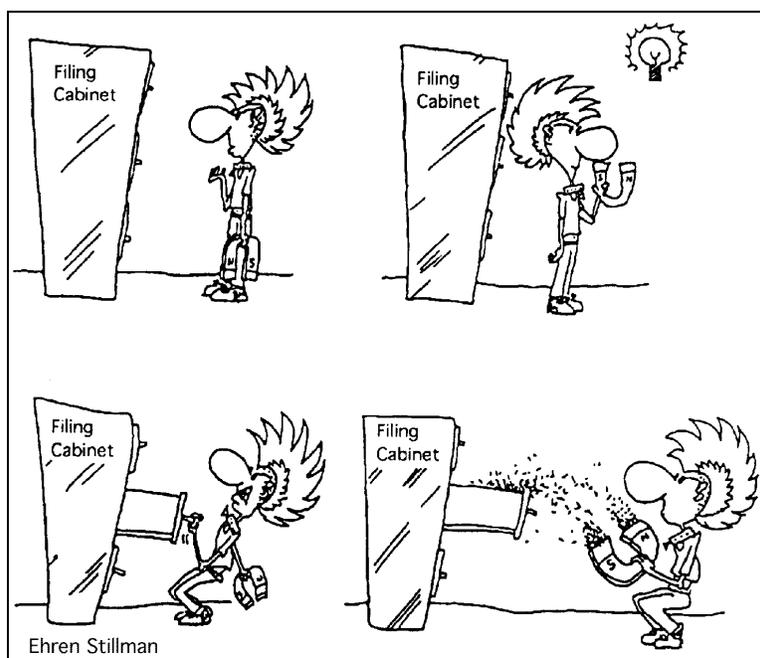
Refreshments served.

Entry by donation.

Poisonous and Medicinal Mushrooms

Dr. Gary Hunt

Wednesday, October 25



The Kamloops Arts Council's Rivertown Players

Susan Hammond Photos



The **Kamloops Arts Council's Rivertown Players** performed two free, live, interactive theatre shows at the BIG Little Science Centre on Saturday August 26. The BIG Little Science Centre was pleased that we were able to offer an indoor location, in case of continuing bad air quality. Fortunately, the air was clear and the performances went ahead outdoors.

“The Enchanted Key” played at 11 a.m. and “Princess Seraphina and the Magical Mishap” played at 1 p.m.

Jeffery Daniels, Avery Reid and Ashley Hübner created great stories that were loved by the audiences. Since these shows were also the last of the summer, the actors also provided cake!

Thank you to the Kamloops Arts Council and the Rivertown Players for including the BIG Little Science Centre in your schedule.

Susan Hammond
Assistant Operator, BIG Little Science Centre

BIGScience

This Newsletter is a publication of **BIG Little Science Centre Society**

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Back issues of BIGScience can be viewed at <<http://blscs.org/newsletters/>>

The **BIG Little Science Centre** is open to the public at these times:

Tuesday to Saturday 10:00 AM to 4:00 PM

CLOSED SUNDAYS and HOLIDAYS

Phone: 250 554 2572 E-mail Gord@blscs.org or Susan@blscs.org

A family membership is \$60.00/year. An individual membership is \$45.00/year. A family membership consists of five directly related people. (This includes any combination of grandparents, parents and children). Individual day rates are:

Adults (16 to 59) \$6 Seniors (60 plus) \$4 Youth (6 to 15 years old) \$3 Family \$15.
Children 5 years old or younger) Free

The Main Benefits of Membership:

- **Member ID cards for all members**
 - **Free entry to our Exploration Room, events, shows, activities**
 - **FREE or discounted admission to MOST Canadian science centres, including Science World and the H.R. MacMillan Space Centre in Vancouver**
 - **Discounts for Science and Robotics Camps / Clubs in Kamloops**
 - **Voting privileges at the BIG Little Science Centre's Annual General Meeting**
- Visit our website blscs.org for more details on the benefits of membership.

Drop-in Visit Information

What is a Drop-in Visit?

During drop-in times our hands-on rooms are open for visitors to tour at their leisure. The rooms have approximately 140 stations of hands-on activities to try. We also have an activity or show running Saturdays!

Drop-in Visiting hours

- Tuesday - Saturday 10:00 - 4:00
- Check Facebook or twitter for the latest information.

For safety purposes we require children under age 16 be accompanied by a minimum number of supervising adults:

- For children 4 years old and under, 1 adult per every 3 children is required.
- For children 5 years old to 9 years old, 1 adult per every 5 children is required.
- For children 10 years old to 16 years old, 1 adult per 10 children is required.
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- **The BIG Little Science Centre is Closed Sundays and Holidays.**