



SCIENCE  
RENDEZVOUS

KINGSTON MAY 13<sup>TH</sup> 2023

# Annual Report 2023





# A letter from Queen's Vice-Principal Research

## 12 Years Dedicated to STEM

Queen's is proud to have been part of Science Rendezvous since 2011. This country-wide initiative aligns well with our shared vision for the future: creating an impact in the lives of Canadians by building knowledge to address some of our country's and the world's biggest challenges.

Science Rendezvous Kingston shines a spotlight on the Kingston community's greatest strength: our people, including the faculty, staff, and students at Queen's, working together to showcase the transformative research that happens on and off campus, inside our labs and offices.

## Nancy Ross

Vice-Principal Research



## Invested Partnerships

We are also thrilled to have the support of the City of Kingston and many community partners, including local museums, school boards, professional organizations, and conservation groups. Their collaboration highlights very clear examples of how scientific knowledge impacts our lives, from agriculture to firefighting, and helps us to create an atmosphere of learning and excitement.

This is particularly relevant in a world where current events – including the COVID-19 pandemic, climate change, and so many others – illuminate the role that scientific knowledge plays in the daily lives of all citizens.

Science Rendezvous Kingston is an important opportunity for Kingston and southeastern Ontario families to informally interact with our research practitioners, creating and having fun together. We strongly believe that events like this help to reduce the gaps between science and society, build trust in science and scientific institutions, and inspire the next generation of scientists and innovators.

Of course, none of this would be possible without the Canadian Federal government and funding partners and their commitment to science engagement. We are thankful for the Natural Sciences and Engineering Research Council of Canada's sustained support for Queen's research and, in particular, their investment in Science Rendezvous Kingston.





# A letter from Science Rendezvous Kingston coordinators

**As the world emerges from the COVID-19 pandemic, everyone is excited to be back to full in-person events, and this was a long-awaited year for Science Rendezvous Kingston (SRK).**

After having to suspend the event in 2020, hosting an online extravaganza in 2021, and a hybrid festival in 2022, we were all ready to go back to a full-size in-person event. And we are so glad we did it, welcoming a record number of attendees – over 5,300!

We were thrilled, once again, to gather hundreds of volunteers to promote a day of learning, creating, and fun for the southeastern Ontario community. Our 50 booths covered a wide range of Science, Technology, Engineering, Arts, and Mathematics (STEAM) topics, from plant biology to the mysteries of outer space, from chemistry to robotics, art conservation, and medical sciences.



We had a wonderful team of researchers, students, librarians, citizen scientists, museum staff, engineers, and other professionals ready to take our visitors through hands-on, interactive exhibits and on-stage demonstrations, featuring long-time partners of Science Rendezvous Kingston and new attractions including a fire truck and a tractor!

In our continuing efforts to make SRK inclusive for all, we started two important initiatives. First, we developed promotional videos in six different languages, with the goal of sending a special invitation to immigrant families, as we want everyone to know that they are welcome



On May 11, 2024, Science Rendezvous Kingston will be back, and we look forward to another unforgettable event. Visit our website to stay up to date on our plans for 2024: [www.queensu.ca/science-rendezvous/](http://www.queensu.ca/science-rendezvous/)

to Science Rendezvous Kingston and are a valued part of our community. During the event, many of our volunteers also wore tags with the different languages they could assist our visitors in. Small details can make a big difference!

Last but not least, we are very proud to report that because of funding from a PromoScience Supplement by the Natural Sciences and Engineering Research Council of Canada (NSERC), for the first time, we had a Sensory Friendly Science Zone to support children with attention deficit hyperactivity disorder (ADHD), autism spectrum disorder, social and emotional mental health needs, and other sensory-related or

physical disabilities at our event. We had a special area reserved for families who pre-registered for this offering, and it included crafts, books, and more personal interactions with presenters. As a bonus, they had a bird's-eye view of everything happening on the ground floor.

We invite you to take a moment to learn more about Science Rendezvous Kingston and check out some of our favourite snapshots capturing the excitement of our visitors and presenters alike!

**Lynda Colgan and Catarina Chagas**  
Coordinators of Science Rendezvous Kingston



# Bridging gaps for more inclusive science

Bridging gaps among scientists and the public remains a fundamental challenge in science communication – one that we need to address when pursuing a sustainable and inclusive future for our communities.

Events like Science Rendezvous Kingston help the public understand the relevance of science and technology to their daily lives, the depth and breadth of science as a field of inquiry, and what it might be like to choose to do science in the world, either as a professional or a hobbyist. This can enhance our society's general science literacy, contributing to informed decision-making both at the personal and collective levels.

Science Rendezvous is an important opportunity to engage students who come from historically underrepresented communities in the sciences, including low socioeconomic status and rural communities, minorities, and Indigenous populations. We strive to be innovative and inclusive in new ways each year, pairing approaches from classroom learning, museums, science centres, and carnivals to create an invitational environment designed to educate, engage, and inspire our visitors.









# Science Rendezvous

## A national organization

Science Rendezvous is a not-for-profit organization dedicated to bringing exciting research and science, technology, engineering, and mathematics experiences and programming to the public. The Science Rendezvous namesake program is its annual free family festival that takes science out of the lab and onto the street, to celebrate Canadian achievements in science, technology, engineering, arts, and mathematics.

Now in its 15th year, the contributions of Science Rendezvous have expanded beyond its annual celebration of STEM by promoting science and science literacy through its year-long educational programs and campaigns to foster a cultural transformation in which the public recognizes the importance of and lends support to scientific research and scientists.

An important feature of Science Rendezvous is the prominence of local, inclusive, and culturally relevant content and explicit efforts to celebrate young role models who may resonate with demographic groups currently underrepresented in STEM, for example, young women and Black, Indigenous, and People of Colour (BIPOC). While there is an annual theme for festival day, individual sites plan their events to align with research being done by institutions and organizations in the region.

## A volunteer-driven festival

Science Rendezvous is volunteer-driven, and none of the events would be possible without the most passionate STEM enthusiasts who tirelessly dedicate their time and expertise. By doing so, they inspire learners of all ages about the wonders of science and raise awareness about its importance and value. Across Canada, Science Rendezvous has grown to include many new educational programs at 30 of Canada's top research institutions with over 285 community partnerships across 10 provinces and 2 territories. Each partner site continuously seeks local community funding and new collaborations to support their endeavours through fiscal and in-kind contributions.







## Communicating traditional knowledge

In the Kingston community, Science Rendezvous supported the first special project related to The Million Tree Project, Wáhta Teachings. The resource was developed in partnership with local Indigenous communities, NSERC, the Canadian Commission for UNESCO (CCUNESCO), and Indigenous education leaders from Queen's University. The resource was seen as an important call to action to continue to plant and preserve Wahta for seven generations to continue giving thanks to the maple tree for all its gifts. Indigenous and non-Indigenous community members can benefit from learning about the centrality of Wahta to various Indigenous cultures. Wáhta incorporates spoken lessons, and its translation provides learning opportunities to explore Kanyen'kehá and Anishinaabemowin in written and spoken words about the sugar maple.

This resource will allow teachers and community leaders to provide interactive learning experiences and connect these activities with Traditional Knowledge. With support from NSERC, the project is now expanding to include flora from other provinces that have significance to local communities, including the red and yellow cedar from British Columbia, the Polar from Manitoba, and Chokecherries and Saskatoon Berries from the Prairies. <https://www.queensu.ca/science-rendezvous/wahta>



# Highlights of the 2023 event



Town Crier, Chris Whyman reads the Proclamation of Science Rendezvous Day in Kingston as Mayor Bryan Paterson looks on.



Dr. Charlie Hindmarch from Queen's CardioPulmonary Unit (QCPU), takes a group of future scientists through a DNA extraction using strawberries.



Members of Kingston Fire and Rescue demonstrate how smoke travels throughout a house as windows and doors are opened and closed.



Thanks to the Canadian Ocean Literacy Coalition and the Canadian Geographic Education program, visitors explored a giant floor map to learn about the ocean and waterways.

## Science Rendezvous Kingston throughout the years:

2011

SRK's inaugural festival took place at Queen's Faculty of Education's Duncan MacArthur Hall, and got a positive response from the ~500 visitors who joined the event.

2012

SRK's visitors doubled in our second year, with over 1100 people attending the festival at Duncan MacArthur Hall.

2013

For the first time, SRK took place at the Rogers K-ROCK Centre, as it was known then. This festival set a new attendance record of 1600 people.





Visitors had an opportunity to interact with Spot, the robot dog as part of a robotics display from Queen's Ingenuity Labs.



Scientist and award-winning children's author, Dr. Lindsey Carmichael reads from her new book, Polar, which explores how animals from the Arctic and Antarctic survive in harsh conditions.



Research Casting International brought a mounted cast skeleton of Saurophaganax, a dinosaur from the late Jurassic Period (145 million years ago).



Thanks to Dr. Amir Johri and the team from the Cardiovascular Imaging Lab at Queen's, visitors had an opportunity to perform a heart ultrasound using a hand-held device.

**2014  
to 2017**

SRK grew over the years, with attendance numbers in 2017 exceeding **4000** visitors, and the number of volunteers surpassing 200.

**2018**

SRK set yet a new record at the Leon's Centre, with **4500** visitors, and attracted the largest number of adolescent participants to date.

**2019**

SRK won the STEAM BIG! Award for the best Science Rendezvous event in the country, in addition to setting a new attendance record of **5200** visitors.

# Highlights of the 2023 event



Students from the Chemistry Department at Queen's, under the mentorship of Dr. Graeme Howe, once again dazzled and amazed large audiences with their Chemistry Magic Show.



Kingston Fire and Rescue brought along a truck from 1923 to show how much has changed in 100 years of firefighting. Ringing the antique alarm bell was a favourite activity!



The team from Queen's Connections Engineering program brought along a number of DASH robots for visitors to program and learn about coding.



Volunteers from the Queen's Astronomy department and the Kingston Branch of the Royal Astronomical Society provided opportunities to use the solar telescope out on Tragically Hip Way.

## Science Rendezvous Kingston throughout the years:

2020

SRK, like so many events, had to be cancelled in the name of public safety. Our much-anticipated **10th-anniversary** celebration was put on hold.

2021

SRK was awarded the **COVID Creative Award** for the best **virtual event** in the country. Our **29,000** visitors attended from as far away as Australia, China, and the UK.

2022

SRK delivered a hybrid festival, featuring scaled-down in-person components enjoyed by **~2200** visitors, as well as workshops and on-demand virtual programs.





Thanks to Dr. Alexandra Pedersen and the Limestone Beekeepers Guild, visitors were able to see inside a working honey bee hive and learn how to help bees survive in our community.



A group of geographers demonstrate the use of drone technology to digitize mapping and advance our ability to see our environment from multiple perspectives.



Secondary school students from Bayridge Computer Science classes showed off their video games and other creations to the delight of hundreds of visitors.



The day was filled with exciting hands-on activities for all ages, thanks to our wonderful volunteers.

2023

SRK returned fully in person with more experiments, demos, and displays than ever, in addition to the inauguration of the Sensory Friendly Science Zone. We have set a new attendance record of **5337** people!

#SRKingston2023 by  
the numbers

**5337** visitors

**50** booths

**430+** volunteers

**12** stories on local media

# New for 2023: The Sensory Friendly Science Zone

For many, Science Rendezvous Kingston's multi-sensory experience is both positive and electrifying—stimulating broad smiles, happy laughter, and expressive “aahs” of wonder and awe; however, the combination of large crowds, booming noises, bright lights and other sensory stimuli create an environment that can be difficult, or even totally inaccessible for children with attention deficit hyperactivity disorder (ADHD); autism spectrum disorder; social and emotional mental health needs; or other sensory-related or physical disabilities.

To increase equity and inclusion at SRK 2023, we instituted our new Sensory Friendly Science Zone: a physical space away from high-traffic areas to provide alternate STEM learning opportunities for families of children with special needs. The location afforded opportunities to see booth and stage activities away from the crowds while concomitantly offering a subset of booths that allowed for more focused engagement with fewer distractions and flexible spaces.

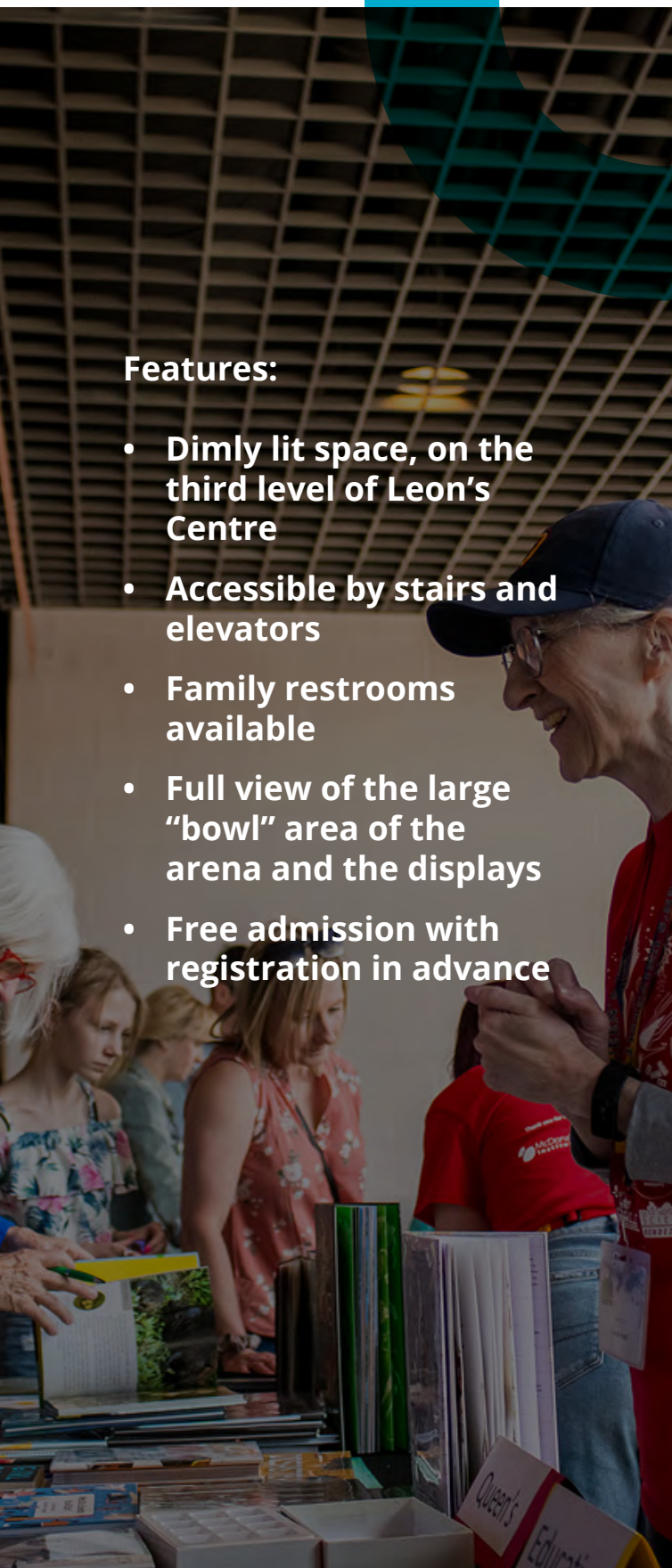




### Features:

- **Dimly lit space, on the third level of Leon's Centre**
- **Accessible by stairs and elevators**
- **Family restrooms available**
- **Full view of the large "bowl" area of the arena and the displays**
- **Free admission with registration in advance**

As a result of feedback from parents and volunteers, and through observations of the children themselves, we have revised plans for the Sensory Friendly Science Zone in 2024. Special coordinators will work with those hosting a booth to increase the focus on kinesthetic experiences. We will dedicate a space for parents so that they can enjoy a cup of coffee, collect resources, and talk to experts in the field. The ticket reservation system will be revisited, and plans will be made to allow for greater flexibility and more families to attend.



# Queen's Presenters

## We Are Research

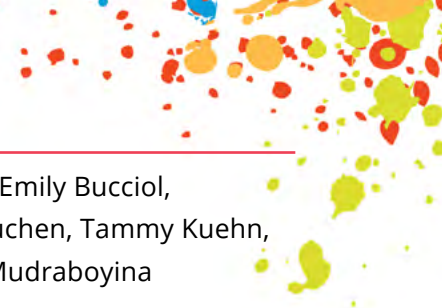
<p>Agnes Etherington Art Centre Art Conservation Program, Department of Art History and Art Conservation, Faculty of Arts and Science</p>	<p>Charlotte Gagnier, Bonnie Anthony, Ulrike Bender, Christina MacLachlan, Judith Walker, Alison Murray, Katelin Hallchurch, John Habib, Jonah Halili</p>
<p>Art of Research, Office of the Vice-Principal (University Relations)</p>	<p>Melinda Knox, Kayla Dettinger</p>
<p>Autism and Developmental Disabilities Research Group (Add*Ed), Faculty of Education*</p>	<p>Jordan Shurr, Haley Clark, Emily Teves</p>
<p>Biomedical Engineering, Department of Chemical Engineering, Faculty of Engineering and Applied Sciences</p>	<p>Christopher Rayner, Fredrick Bulondo, Grace Riddell, Kathryn Jalink, Kaylee Fennell, Yuxi Zhang, Laura Wells</p>
<p>Bonier Lab, Department of Biology, Faculty of Arts and Science</p>	<p>Fran Bonier, Siena Margorian, Sean-Thomas Martin, Islamiat Raji, Emma Sinclair</p>
<p>Cardiovascular Imaging Network at Queen's (CINQ Lab), Department of Medicine, Faculty of Health Sciences</p>	<p>Braeden Hill, Barkha Sirwani, Marie-France Hetu, Jessie Bennett, Natalie Kearn, Salwa Nihal, Joshua Smith, Sonu Varghese, Nazaum Johri, Amer Johri, Alexander Bambokian, Hunter Swain, Ailia Jafri, Zain Haider, Haani Sayed, Nilah Ahimsadasan, Reem Al-Rawi, Sara Pollanen, Georgia Kersche</p>
<p>Chemical Engineering Graduate Student Association (CEGSA), Faculty of Engineering and Applied Sciences</p>	<p>Lizzie Bygott, Melissa Bonilla, Joshua Chamberland, Haritha Haridas, Carolina Ordonez, Brant Peppley, Zoe Lord, Nick Neokleous, Jason Harris</p>
<p>Child and Adolescent Development Group, Department of Psychology, Faculty of Arts and Science*</p>	<p>Jess Koehn, Laura de la Roche, Vanessa Martin, Mark Payumo, Sylvia Pinheiro, Ariana Bujold, Adam Phillips, Sarah Wong, Sierra McNulty, Valerie Kuhlmeier, Michele Morningstar, Julie Olsen, Melissa Susko, Brooke Hilton</p>

\* This booth was part of the Sensory Friendly Science Zone.



Colautti Lab, Department of Biology, Faculty of Arts and Science	Logan Wistead, Damian Bourne, Sherise Vialva, Maria Jose Quijano, Mia Akbar, Rob Colautti
Department of Chemistry, Faculty of Arts and Science	Neil Grenade, Jess Deng, Amir Bunyat-zada, Kennedy Quigg, Luana Cunha, Liwah Keller, Mia Yamo, Marie Boddington, Maria Cleveland, Shauna Schechtel, Hailey Tomm, Donnie McFarlane, Jennifer Kolwich, Julia McPhail, Graeme Howe, Kailey Browne
Department of Mechanical and Materials Engineering, Faculty of Engineering and Applied Sciences* Sandy Pines Wildlife Centre	Roshni Rainbow, Devlyn Rainbow, Sydney Garrah, Amy Coyle, Fiona Brunka, Kevin Nguyen, Erin Huitema, Emily Cameron
Department of Physics, Engineering Physics, and Astronomy, Faculty of Arts and Science Arthur B. McDonald Canadian Astroparticle Physics Research Institute The Queen's Observatory SNOLAB	Rayhaneh Dehghani, Szymon Manecki, Julianna Manecka, Sarah Sadavoy, Sabrina Cheng, Jennifer Low, Alex Wright, Emma Ellingwood, Minya Bai, Nahee Park, Serena Ricetto, Robert Knobel, Stéphane Courteau, Leo Kim, Anthony Noble, Melissa Baiocchi, Akanksha Bij, Lawrence Faria, Khadeejah Motiwala, Raj Patel, Parisa Nozari, Mayukh Bagchi, Nick Swidinsky, Jamie Grove, Zahra Basti, Laura Fissel, Joseph Bramante, Phillippe Gros, Ayan Biswas, Nikhil Arora, Livia Comeau, Mark Richardson
Faculty of Education Canadian Ocean Literacy Coalition Canadian Geographic Education	Janice Williams, Anne Mansfield, Jean Tong, Wade Leonard, Alex Bates, Jennifer Raspberry, Brenda Scarlett
Human Mobility Research Lab, Faculty of Engineering and Applied Sciences	Jereme Outerleys, Jacob Calderone, Elise Laende, Anastasija Mihic, Vajra Keller, Gurleen Multani
Ingenuity Labs, Faculty of Engineering and Applied Sciences	Kate Cowperthwaite, Josh Marshall, Amy Wu, Keyvan Hastrudi-Zaad, Ramzi Asfour, Matt Robertson, Tim Byles-Ho, Aaron Best, Riley Cooper, Emily Taylor, Seanna Oliver
Integrative Cardio-Pulmonary Lab, Department of Biomedical and Molecular Sciences, Faculty of Health Sciences	Kristin MacLeod, Ryan Khosrovaneh, Ysabel Fine, Alex McCartney, Matti McFarlane, Matthew James, Sandra Vincent, Nicolle Domnik

\* This booth was part of the Sensory Friendly Science Zone.



Let's Talk Science Outreach at Queen's University*	Brianna Bradley, Ved Hatolkar, Emily Bucciol, Annalise Foster, Yilda Boukhtouchen, Tammy Kuehn, Jieyi (Jerry) Liu, Preeti Chadha-Mudraboyina
Miller Museum of Geology	Zena Lauzon, Danielle Fitzgerald, Linda Tsuji
Plant Sciences Research Group, Department of Biology, Faculty of Arts and Science	Jacqueline Monaghan, Charlotte Ngo, Tharika Mahathanthrige, Kamelia Kamelia, Virginia Miguel, Faiqa Amin, Ruoqi Dou, Faranak Soleimani, Sarah Yakimowski
Queen's Baja SAE	Kaytlin Andrews, Meghan Woodley, Jack Thayer
Queen's CardioPulmonary Unit (QCPU), Department of Medicine, Faculty of Health Sciences	Brooke Ring, Charlie Hindmarch, Curtis Noorhof, Abhishek Shastry, Oliver Jones, Elahe Alizadeh, Milad Ferdowsi, Rachel Bentley, Ruaa Al-Qazazi
Queen's Connections (Engineering Outreach)	Andrew Bowles, Johanna Whitehead, Erin Burchill, Arianna Carrigan, Angela Liu, Teresa Qu, Karina Verma, William Hollet, Amyre Wells, Jaya Sharma, Lizzie Bomford, Scott Compeau
Queen's Library Queen's Teacher Resource Centre, Faculty of Education*	Indraneel Shinde, Jessa Brown, Nathalie Soini, Teia Mitchell, Brenda Reed
Queen's Space Engineering Team (QSET)	Jen Kovinich, Amelia Maclatchy, Jerome Chang, Sean Tedesco
Queen's University Biological Station (QUBS)	Emily Verhoek, Livia Wells, Chris Ponikvar, Hilary Fotheringham, Michaela Bertram, Charlize Pulcine
Science Quest	Rachel Wardene, Carter Bailey, Cayli Niemann, Phoebe Chalmers, Cecilia Sly, Gavin Scott, Spencer Gaudet
Skeletal Observation Laboratory, Faculty of Engineering and Applied Sciences	Michael Rainbow, Erin Lee, Quinn Yetman, Kaito Lee, Dajung Yoon, Kayla Lee, Simon Yung, Alison Lines

\* This booth was part of the Sensory Friendly Science Zone.



## Learn more

Visit our website to view full descriptions and connect with our Queen's presenters and community partners.

# Community Partners

## Association of Ontario Land Surveyors (AOLS)

Bennett Faulhammer, Aaron Perry, David Januszkiewicz, Michael Matthews, Rudy Mak, Nigel Day

## Bayridge Secondary School Computer Specialist Program (BCSP)\*

Ashleigh Cunningham, Wenyu Sun, Declan Bridges, Mya Berezny, Alex Zhou, Jay Skilnick, Elijah Stafford, Hamish MacGregor, Gabe Bergeron, Kensei Travers, Owen Reid, Jacob Spada, Braedon Personov, Juahn Song, Nico Almeida, Michael Cox, Aydan MacGregor, Jack Veech, Maya Kabasawa, Kai Mildenberger, Paige Hart, Jon Swaine

## Canadian CREATE-ors of Kid Lit

L.E. Carmichael, Helaine Becker, Ishta Mercurio, Rochelle Strauss

## Comet Tech Lancers (LCVI)

Don Wartman, Curtis Wartman, Shivkka Vigneswaran, Meghan Moore, Karen Hernandez, Claire Stewart, Hannah Kim, Zynah Rukayat, Xander Liu, Justin Zhang, Jaarvis Quenneville, Liam Wittingham, Lelend Santos, Mason Macdonald

## Green Tractors

Steve Woods, Margaret Woods

## Kingston Fire and Rescue

Mark Bondy, Chris Yamada, Delbert Blakney, Richard Edworthy

## Kingston Frontenac Public Library System\*

Caylee Ortiz, Kathy McDonald, Lori Kyle

\* This booth was part of the Sensory Friendly Science Zone.

<b>Kingston Frontenacs</b>	Jocelyn Edwards, Scott Ferguson, Henry Goldring, Alex Langlois, Maddie Hicks
<b>Kingstown School</b>	Elena Baker, Joshua Dickie, Riley MacKinnon, Roxanne Garwood, Theresa Jones, Katie Teepell, Jayden Howard, Arie Van Buren
<b>Lake Effect Robotics Team #2708</b>	Holly MacPhail, Liam Pilson, Gregory Kelly, Christine Li, David Polk, Ember Bond, Saben Bond, Curtis Wartman, Don Wartman, Damon Bond
<b>Lakeshore School</b>	Andrew Schleger, Steven Spencer, Lauren Thomas, Shannon Bullock, Emily Skinner, Owen McLennan, Claire Schleger
<b>Limestone Beekeepers Guild</b>	Brendan Goff, John Williams, abi Lyon wicke, Alex Pedersen, Ryan Benvenuti, Nancy Cole, Bill Lake, Suzanne Angle, Andy Bryson
<b>Limestone District School Board - Indigenous Studies*</b>	Olivia Rondeau, Jessi DiRocco, Alice Johnston
<b>Machine Mavericks (Kingston Robotics Lab)</b>	Niall O'Driscoll, Mackenzie Bailey, Lily Naaman, Paige Bailey, Austin Bailey, Iris Wang, Porter Jensen, Ed Jensen, Matthew Kabin, Sean Kelly, Leah Kelly, Scott Dennis, Helen MacIntyre, Olivia O'Driscoll
<b>Marine Museum of the Great Lakes</b>	Michelle Clarabut, Thinugi Janithma Wickramasinghe, Dan Rose
<b>Mining Matters APGO Education Foundation</b>	Deana Schwarz, Lesley Hymers, Veronica Klassen
<b>Museum of Healthcare at Kingston</b>	Claire Notman, Ava Penry, HanShu Pu, Symone Elliott, Katia McDougall
<b>Professional Engineers Ontario (Kingston Branch)</b>	Craig Jeffrey, Christina Klein, Brian Surgenor, Aleksandr Reydman, Sid Sharma, Chantal Chiddle

\* This booth was part of the Sensory Friendly Science Zone.



PumpHouse Museum - City of Kingston  
Cultural Services Museums\*

Keely Maddock, Mya Clark, Turner Douglas, Megan Hill

Quinte Museum of Natural History

Deanna Way, Mikayla Barney

Research Casting International

Peter May, Taylor Morrison, Brett Crawford, Emily Villars, Chris Hogarth, Damon Fair

Royal Astronomical Society of Canada  
(Kingston Branch)

Elena Zanetti, Kevin Kell, Kim Hay, Laurie Graham, Devin Graham-Ancsin, Rick Wagner, Susan Gagnon, Bruce Elliott

W.A.F.F.L.E.S

Christine Bibic, Karly Holmes, Seb Menard, Luca Menard, Meaghan Stevenson, Zach Philpott, Finlay Lemon, Sylvan Rowberry, Anna Nediak, Dorothy Nediak, Kaley Bibic, Brennan Bibic, William Robinson, Benjamin den Otter-Versteeg

\* This booth was part of the Sensory Friendly Science Zone.



# Our Volunteers

Science Rendezvous Kingston 2023 was made possible because of the commitment, indefatigable work, and dedication of more than 430 volunteers. Besides our booth volunteers, we would like to thank the people who made this festival a huge success:

## High School Student Volunteers

- Addysen Pettifer
- Ali Elsebaie
- Ana Maria Freire
- Billy Hindmarch
- Bodhi Walmsely
- Carolie Bourgoin
- Carter Curtis Winter
- Charlee Wells Malette
- Claire McCullough
- Cole Hallam
- Eduardo Ralston Paschoalino
- Ephraim Graham
- Evelynne Boxell
- Felipe Porfirio Purgato
- Hayden Ash
- Henry Garret
- Laura Pelletier
- Leo Hernandez
- Luisa Restrepo Bedoya
- Luna Bacelar Carvalho
- Maggie Soriano
- Owen Marshall
- Richard Kale
- Rocio Arroyo-Lopez
- Sam Durocher
- Shayne Kaufmann
- Yo-Yo Siyuan Wu







**Special thanks to:**

- Cheryl Hallam
- Curtis Stanzel
- Edward Thomas
- Garrett Elliott
- James Lighthart
- Jeffrey Wamboldt
- Kelly Blair-Matuk
- Mark Richardson
- Melinda Knox
- Michelle Kenyon
- Sara Thomas
- Taylor Irvine







## Before you go...

**Save the date: Science Rendezvous Kingston will be back on **May 11, 2024.****

Access our website, resources, and social media for year-round STEAM fun!

**Website:** <https://www.queensu.ca/science-rendezvous/>

**X (formerly Twitter):** @stemYGK

**Instagram:** @ScienceRendezvousKingston

**Facebook:** Science Rendezvous Kingston

**Resources:** <https://linktr.ee/sciencerendezvouskingston>