

33,618 Volunteer hours

389 Volunteers

770,319 Visitors

47,082 Members

28,000+ On The Road students

31,500+ Scientists and Innovators in the Schools students

55,165 Spring Lab visitors

33,000+ Winter Lab visitors

When we dream alone it is only a dream, but when many dream together it is the beginning of a new reality.

-FRIEDENSREICH HUNDERTWASSER

CHAIR & CEO REPORT

This was a pivotal year for Science World. A new President and CEO, the development of a new gallery and the beginning of a new strategic direction, have made this an exciting year under the dome.

BODY WORLDS: ANIMAL INSIDE OUT continued to wow visitors into the spring of 2016. We then shifted from mysteries of the animal kingdom to the mysterious world of espionage, with our summer feature exhibition, Top Secret: License to Spy. In the fall, we discovered that it's a small world after all, with Zoom into Nano. In January, we celebrated 150 years of Canadian innovation with the national launch of the Innovation150 Festival, right here at Science World! As part of the festival, visitors experienced QUANTUM: The Exhibition in our Feature Gallery.

It was a busy year of fundraising and prototyping for the development of the new Wonder Gallery. This exciting new gallery replaces our much loved KidSpace Gallery and will have much more to offer our youngest scientists, age 0-5.

Our inaugural Science of Cocktails event was a huge success and funds raised went to our *Field Trip Bursary Program*, which is helping underserved classes visit Science World. This year's event was an even greater success and will help even more students get excited by science.

This year, we welcomed Dr Scott Sampson to the role of President and CEO of Science World. He has some new and exciting ideas and we are looking forward to growing our role as a leader in science promotion in the community.

This is my last year as Chair of the Board of Directors. I am thrilled to welcome Scott Sampson to the helm of Science World and I look forward to the progress and prosperity that will occur under Scott's guidance and inspiration.

As I reflect on my time as Chair, I've enjoyed being a part of Science World's growth as a leader in experiential learning and a part of many amazing events, like our 25th anniversary under the dome. However, being part of the Wonder Gallery's journey from concept to creation has been one of my most memorable. The gallery is a new jewel in

youngest visitors.

unique experience for our

Science World's crown and a

WALTER SEGSWORTH CHAIR Science World is experiencing an exciting moment in its evolution. In July 2016, I arrived as the new CEO with a single overarching question in mind—in the coming generation, what pressing societal role does Science World need to serve for Greater Vancouver and for BC? We are in the midst of seeking input from our staff, board, volunteers and a variety of community stakeholders. Whatever the outcome of these sessions and the strategic planning that follows, we're confident that our newly defined path will lead us toward a bright future in which all residents of British Columbia have access to engaging science-learning opportunities. I sincerely hope that you'll join us on this journey!

I would like to acknowledge Bryan Tisdall for 19 remarkable years of leadership at Science World. Thanks in large part to his efforts, I walked into a healthy institution ready to contemplate next steps. Thank you Bryan.

Sincere thanks as well to Walter Segsworth, who served as an exceptionally strong and supportive Chair of the Board during my onboarding. Finally, a warm welcome to Launi Skinner, our incoming Board Chair.

DR SCOTT D. SAMPSON PRESIDENT & CEO





MEET SCOTT SAMPSON PRESIDENT AND CEO OF SCIENCE WORLD

Scott hails from Vancouver and is a paleontologist, but did you know that he's also a TV personality, a science communicator and an author?

Born and raised in Vancouver, Scott received his undergraduate degree in Anthropology from UBC, followed by a master's degree in Anthropology and a PhD in Zoology, both from the University of Toronto.

Scott's scientific research focused on the ecology and evolution of Late Cretaceous dinosaurs and his fieldwork—while working for such institutions as the American Museum of Natural History and the Natural History Museum of Utah—took him to many countries, including Kenya, Zimbabwe, South Africa, Madagascar, Mexico and Canada. He has participated in the discovery and naming of more than a dozen new species of dinosaurs.

Together with his wife, Toni, and his daughter, Jade, Scott comes to us from Denver, Colorado, where he served as the VP of Research and Collections and Chief Curator at the Denver Museum of Nature & Science.

Scott serves as the science advisor and host of the Emmy-nominated PBS KIDS television series *Dinosaur Train*, produced by the Jim Henson Company, and previously played the same pair of roles for the four-part Discovery Channel series *Dinosaur Planet*. He has published numerous scientific and popular articles and regularly speaks to audiences of all ages, on topics ranging from dinosaurs and education to sustainability and connecting kids with nature. Scott is also the author of multiple books, including *Dinosaur Odyssey: Fossil Threads in the Web of Life* and *How to Raise a Wild Child: The Art and Science of Falling in Love with Nature*.

Scott has a passion for reimagining cities as places where people and nature thrive and we're excited about the opportunities that lie ahead under his leadership.

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Welcome to the 2016/17 Annual Report!



FEATURE EXHIBITIONS

BODY WORLDS: ANIMAL INSIDE OUT

The year started out with the final weeks of *BODY WORLDS*: *ANIMAL INSIDE OUT*. This stunning exhibition beautifully compared the anatomy of over 40 species of animals from the giraffe to the snail. The exhibition was enjoyed by more than 105,000 visitors, including over 14,000 teachers and students. We partnered with many external organizations like OWL, PADS, SPCA, City of Vancouver Animal Control, CPAWS and South Coast Conservation Program for additional programming. We held events like drawing nights, Chinese language tours, a Café Scientifique, and winter break programming.

TOP SECRET: LICENSE TO SPY1

Who loves a whodunit? Well it seems that our visitors do. Our summer exhibition welcomed almost 250,000 visitors over its 123-day run. Visitors decoded secret messages, cracked a safe, spotted hidden cameras and skulked their way through a maze of lasers, in an exhibition that intersected science, technology and espionage. We published 13 blog articles related to the science of spying and our spy-themed summer camps sold out!

ZOOM INTO NANO

It's a small world after all and our fall feature exhibition proved that...to the 10^{-9} degree! *Zoom into Nano* took our 132,223 visitors into a world that is invisible to the naked eye, with the focus on how scientists are able to see and make things that are on the nano scale. Nanoscience and engineering explore methods of manipulating materials on the molecular scale, to create very, very small structures and devices—from stain-repellent clothing to new medicines to treat diseases. We added a unique programming area to the exhibition, facilitated by seven expert volunteers, that included a chameleon, who can now be found in the Search Gallery.

QUANTUM: THE EXHIBITION²

In January, we kicked off Canada's 150th birthday with an exhibition that took visitors to a realm that's even smaller than nano! *QUANTUM*: *The Exhibition* made a very technical and challenging topic fun and accessible to all of our visitors. Experts from the Stewart Blusson Quantum Matter Institute at UBC enhanced our visitors' experiences by providing their expertise and high-level interpretations. From cats to qubits, this exhibition presented cutting-edge science and futuristic technologies, from a uniquely Canadian perspective. To maximize the exhibition's exposure to high-school students, we held four Teen Tuesday events during the month-and-a-half run of the exhibition.

SPECIAL EXHIBITIONS

RED BULL STRATOS

Opening in January 2016 and running until that May, this exhibition highlighted the science and technology behind Felix Baumgartner's 39,000-metre, recordbreaking free fall jump and included the actual capsule and space suit used in the jump. The exhibition highlighted many STEM topics including: engineering, space science and human physiology.



¹ Presented by White Spot

² Presented by the Stewart Blusson Quantum Matter Institute at UBC



INNOVATION150 NATIONAL TOUR

Science World hosted the national launch of Innovation150—a year-long, nationwide program celebrating Canada's innovative past, present and future, for our country's 150th anniversary.

Innovation150 is the collaborative effort of five of Canada's leading science outreach organizations: Perimeter Institute; Actua; the Institute for Quantum Computing at the University of Waterloo; the Canadian Association of Science Centres; and the Canada Science and Technology Museums Corporation.

On January 19, Science World, along with dignitaries, youth and the media, helped kick off the cross-country Innovation150 tour that celebrates Canadian ingenuity and inspires the innovators of tomorrow. Close to 200 guests attended the Innovation150 launch, including two Federal Government Ministers—Minister of Science, Kirsty Duncan and the Minister of Justice and Attorney General, Jody Wilson-Raybould, as well as Provincial Minister of Technology, Innovation and Citizens' Services. Amrik Virk.

Innovation Festival: Vancouver held from January 19 to February 3, brought together all components of the tour and included signature events at TELUS World of Science, along with affiliate events throughout the city that showcased and celebrated innovation. Science World hosted the following Innovation150 exhibitions and presentations:

Power of Ideas Exhibition—explored the process of science and mirrored the behaviours that are critical to the work accomplished by researchers at the Perimeter Institute.

Power of Ideas Presentation—a 45-minute, multi-media presentation that shared the wonders of science and its importance to innovation.

Actua Maker Mobile—workshops explored prototyping for engineering, digital design and programming.

QUANTUM: The Exhibition—created by the Institute for Quantum Computing and presented locally by the Stewart Blusson Quantum Matter Institute, this bilingual exhibition showcased Canada's scientific excellence in quantum information science and technology.



FILMS

Human Body²

Humpback Whales

OMNIMAX® THEATRE

A Freedom to Move
(Expo 86 30th anniversary)
America Wild: National
Parks Adventure
Beavers 1
Bugs!: A Rainforest Adventure 1, 2
D-Day: Normandy 1944 1
Everest (20th anniversary
of the Everest ascent)
Flight of the Butterflies 2
Hidden Universe
Hubble
(for astronomy weekend)

Island of Lemurs: Madagascar²

Mysteries of Egypt²
Pulse: A STOMP Odyssey
(to coincide with live
performance by STOMP)
Rocky Mountain Express²
The Light Before Christmas²
The Living Sea²
Titans of the Ice Age
To The Arctic²
Ultimate Wave Tahiti²
Voyage of Time
Wonders of the Arctic

Event: special gala screenings of Voyage of Time for the Vancouver International Film Festival

¹ also shown in French

SCIENCE THEATRE

Deconstructing Dinner: Honey Discover Science:

A Salty Wedding Dress

Ice on Fire

Magnetic Ninja

The Secret of Aerial Ballet

Giraffe: The Impossible Animal

How Sticky is Your Gecko?

Human Body: Pushing the Limits—

Brain Power

Strength

Life:

Insects

Mammals

Space Suite II

The Magic School Bus

Holiday Special

Toon Time:

Space Racers Ready Jet Go!

SPECIAL PROGRAMMING

Vancouver Magicians show

Expo 86 30th anniversary

Screening of *Rainbow War* and Q & A with performers

Winter break

Spring break

Mind of a Snail shadow puppet show

Innovation Festival: Vancouver

Power of Ideas multimedia presentation

Global Soundscapes

Interactive sound program for school groups



Power of Ideas presentation with Neil Turok

² Teacher's Choice/Private Event



MAKE A WISH

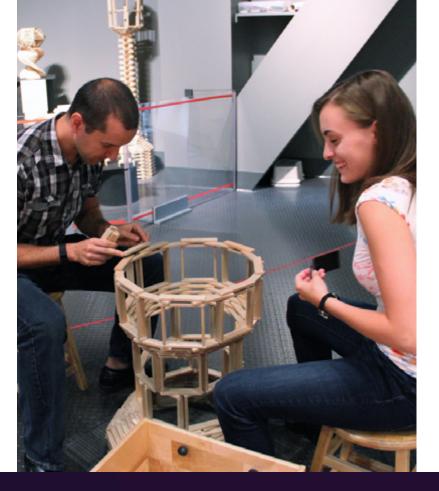
Sean McDonald is an exceptional young man from North Carolina. At age 6, Sean is a dinosaur fanatic! He is also a child with an illness. Sean's wish was to come to Science World and spend time with Dr Scott Sampson.

When the Make a Wish Foundation contacted Science World to see if Sean and his family could visit Science World, the answer was an enthusiastic, "Yes!"

Scott met a very excited Sean in the Search Gallery. They chatted about dinosaurs while excavating an actual dinosaur bone encased in plaster. From there, they fed living dinosaurs (chickens) in the Science Park.

After participating in a live science show at Centre Stage, Sean and his family spent the rest of the day enjoying the galleries, OMNIMAX Theatre and Triple O's at their own pace.

The day ended as it should for any child—Sean headed home, exhausted and happy, with amazing stories to tell.



SPECIAL EVENTS

SCIENCE WORLD AFTER DARK

The word is out—hanging with friends at a *Science World After Dark* is fun (and you'll probably learn something too)! We hosted six of these popular events this year, with a total of over 5,000 adults attending. The highlight, by far, was the doubleheader in October, where we presented two thrilling murder mystery events with live actors, clues for visitors to collect and analyze and a breathtaking (simulated) death scene that involved explosions, a 3-storey fall and a festive dummy in a wig.

SCIENCE WORLD EXTRAVAGANT EVENINGS FOR TEENS

SWEET events are conceived, planned and delivered by our Teen Advisory Group (TAG) of youth ages 13 to 18. This year, 938 teens enjoyed five events and participated in activities based on themes that included our annual sustainability showcase— Global Rewind—supported by Metro Vancouver's Youth-4-Action, Nano Nite and a highly popular forensic science night. Events were held in collaboration with a variety of community volunteers and organizations including RCMP Forensics, Metro Vancouver, Students on Ice and students from our own Future Science Leaders program.

SPRING LAB 2016

Science World welcomed 55,165 visitors during the two weeks of spring break in March. Inspired by the snazzy new additions to the Puzzles and Illusions Gallery, this year's activities focused on brain-teasing and mind-blowing science and featured 20 truly amazing performances by 16 local magicians. Guests participated in hands-on puzzle solving activities and created their very own optical illusions to take home.

WINTER LAB 2016

This year's Winter Lab saw over 33,000 visitors participate in programming inspired by our feature exhibition, *Zoom into Nano*. Guests were invited to add a "molecule" (balloon) to our 100-metre long Carbon Nanotube model and build their very own molecule out of marshmallows. Special guests, Mind of a Snail, presented a custommade, nano-themed, musical, science shadow puppet extravaganza, *The Nose Knows*, in the Science Theatre. The grandfather of modern physics, Sir Isaac Newton, graced the Centre Stage with a series of lessons in motion, to celebrate his birthday.





KPU SPEAKER SERIES

Science World partnered with Kwantlen Polytechnic University (KPU) to host a second series of talks that addressed timely and compelling issues, with the intention of promoting science literacy. In April, Iana Kolac spoke about "Exoplanets: What are they and how can we find them?" In June, Alek Egi's "From Barley to Beer" featured a sensory tour of the malting and brewing process, followed by four local breweries that offered beer tastings. In August, we presented "The Inspiration of Bees" with Jim Matteoni, Stephanie Phillips and Levente Orban, and included interactive stations where attendees sampled honey, made beeswax candles and learned about a citizen science app that tracks local bee populations. KPU's Richmond Campus hosted Ross Pink's "Water Rights and Scarcity," in September and in October, Dorothy Barenscott presented "Artists and Filmmakers and Scientific Visualization," which was preceded by hands-on activities that included a high-speed photography station. February's talk featured Mike Bomford speaking about "Cool Eats: The City Slicker's Diet for a Warming Planet." The talks continue to be thought provoking and the addition of interactive opportunities has been well received. We are currently planning our third series, which is sure to be just as fascinating and informative.

SUMMER SCIENCE CAMPS

Science World's Summer Science Camps engaged children ages 4–15 in week-long educational experiences, during July and August. Our four concurrently running, age-specific programs catered to preschoolers, primary, intermediate and middle school students. Added in 2016 was a camp for teens, which ran twice over the summer and engaged 31 youth in Maker projects. Eight children who could not afford the registration fees were able to join the excitement thanks to a TELUS Community Ambassador bursary donation. In 2016, we ran eight weeks of programs that engaged 601 registrants. Science World Members made up 70% of our enrolment.

SCIENCE ODYSSEY

Every day from May 6–15, Science World inspired youth across BC to start their own science journey, by sharing the story of an accomplished BC science, technology, engineering or math (STEM) professional. Science World's participation in Science Odyssey, a national event, included a schedule of daily events throughout the province and at TELUS World of Science, as well as daily profiles on the Science World Blog. Science Odyssey was extensively promoted through Science World's social media channels, resulting in 330% more traffic than our usual blog posts typically receive, in an average month. Three video profiles and a call to action were created and viewed over 3.000 times on Facebook and YouTube.



6 Summer Science Camps 1

AROUND THE DOME SCIENCE FESTIVAL

This was the fifth year for this festival that focused on engaging the community in science and technology and encouraging visitors to consider STEAM (science, technology, engineering, art, and math) careers as exciting and viable options. The month-long science festival welcomed 57 partner organizations, with over 400 of their staff and volunteers, who engaged the community both in and outside of our building. Over 53,000 people attended this year's festival.

Highlights from the festival included: the Vancouver Community Science Celebration kick-off weekend that was enjoyed by over 14,500 visitors; a nanotechnology themed event in collaboration with Nerd Night Vancouver; our first ever Starry Night Party, with volunteer astronomers from the Royal Astronomical Society of Canada; and a World Food Day Celebration, which included a free community screening of *Just Eat It*: A Food Waste Story, followed by a panel discussion.

Over 119 first responders from the Vancouver Police Department, Transit Police, Vancouver Fire and Rescue Services, BC Ambulance Service, the Canadian Border Services Agency, Heavy Urban Search and Rescue, and Project 529 engaged almost 4,500 visitors during our extremely popular First Responders Weekend. This year, we hosted events out in the community in partnership with the EcoDairy in Abbotsford and with the City of Vernon. We connected with 390 community members outside of Vancouver.

COMMUNITY ART

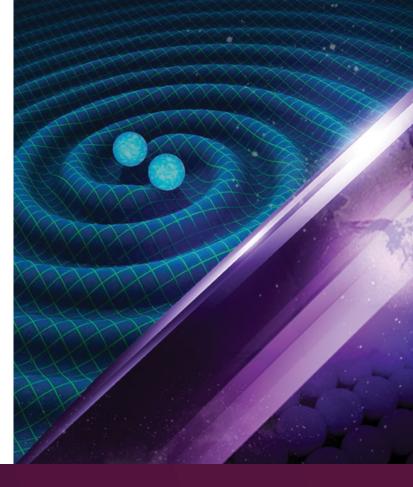
Creative inspiration is at the heart of both science and art. Both involve investigation, ideas, theories and hypotheses that are tested in places where mind and hand come together. Science World's wide array of permanent and temporary indoor and outdoor art installations blend these two disciplines in delightful and insightful ways. The curatorial team has established a regular program of community art that is showcased throughout the year.

This year, we showcased a very unique collaboration. Tim Kelly, a fine art stone lithography artist from Emily Carr, took microscopic fungal images from his father, Mike Kelly (a medical microbiologist), and transformed them into an amazing collection of stone lithographs—the essence of science seen through an artist's eyes. After Tim passed away, Mike felt that he needed to share his son's talents by showcasing Tim's art at Science World.

We also hosted two returning exhibitions, by popular demand— Wondrous and Entanglement. Entanglement, an exhibition by local artist Michael JP Hall, was accompanied by Michael's latest art exhibition, Proximity. We also hosted our annual displays: Impossible Project, the TRIUMF Photowalk and Nikon's Small World Photomicrography Competition winners.

UNVEILING THE UNIVERSE LECTURE SERIES

In collaboration with TRIUMF, the fifth year of this free, public series featured three lectures. Opening in April with "100 Years of Relativity," Science World, TRIUMF and the UBC Department of Physics and Astronomy were excited to present renowned theoretical physicist, Professor Kip Thorne, who spoke to a sold out audience about some of relativity's deepest ideas, including black holes and the discovery of gravitational waves. In June, Dr Boris Kayser, Fermilab distinguished scientist, presented "Neutrinos Get Under Your Skin." He elaborated on subatomic particles that are everywhere, but notoriously hard to study. In August, American theoretical physicist, Professor S. James Gates Jr. led our audience on a journey through the creativity found in fundamental physics, art and music in his talk "L'Arte Della Fisica" ("The Art of Physics"). In total, 1,022 people attended our Unveiling the Universe lecture series this year.



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SUPPORTING SCHOOLS

SCHOOL FIELD TRIPS

From mid-September to the end of June, our weekday program focus at TELUS World of Science is on class field trips. This year we welcomed 36,326 students. In addition to general admission, 60% of classes also booked a facilitated program and 37% of classes booked an OMNIMAX film.

In November, we announced the new *Field Trip Bursary Program*, supported by the 2016 inaugural Science of Cocktails fundraiser. In December, we began welcoming students from underserved schools, by providing them with a free field trip to TELUS World of Science that included return bus transportation. By the end of February, 80 classes of students had visited from 47 schools that spanned 17 school districts

SCIENCE WORLD ON THE ROAD

Science World *On The Road* had another successful year, bringing live science shows to over 28,000 students across the province, during its 17 week schedule.

We reached communities in many areas of British Columbia—
from the northern schools in Atlin and Fort St. John down to schools
on the Gulf Islands and as far east as the schools in Cranbrook.
The number of students in the schools we visited ranged from
6 to 600. We also expanded our programming to include our new
SPIFFY workshop for high schools, where we empowered over
300 secondary students with the skills and confidence necessary
to share science in their communities.

Our *On The Road* team continued to have a presence at community events outside the schools, appearing at events that included the Abbotsford Agrifair, the Canucks Autism Network and Take-Off Fridays at the Vancouver International Airport. We reached over 30,000 people at public events in 2016–17.

ONLINE RESOURCES

Not everyone in BC is able to visit TELUS World of Science in person. To enable educators across the province (and beyond) to bring the joy and "a-ha" moments of science to their students, we have a gallery of online resources, accessible at the click of a mouse. There are over 400 free, pre-kindergarten to grade 12, curriculum-connected lesson plans and activities on our website. The resources are designed by our award-winning Super Science Club and Big Science for Little Hands and are tested by teachers and students. On average, 4,000 visitors a week use our online resources. Visitors can search for activities by topic, type, grade level or keyword.

TEACHER PROFESSIONAL DEVELOPMENT

Science World's Supporting Schools Project identified a need for more in-service teacher support, especially in regards to the redesigned curriculum. In this fiscal year, we offered over 48 professional development workshops throughout the province and reached a total of 1,125 teachers in BC. Science World also collaborated with the Canadian Science and Technology Museums Corporation to host a "MakerEd" summer institute in August, for 27 elementary teachers.

TEEN TUESDAYS

Following a successful pilot of this program, Science World has reserved 1–2 Tuesdays each month, during the school year, exclusively for field trip visits from students in grades 8–12. This initiative was a direct result of teacher feedback from our School Support Project. Teen Tuesdays feature special guests and activities that highlight senior curriculum connections in our galleries. Classes can also sign up for our Eyeball Optics Workshop. Guests have included RCMP forensic scientists, the Royal Astronomical Society of Canada and some of our wonderful core volunteers. As one teacher noted, "It allowed our older students to be kids again. It was great to see." This year, Teen Tuesdays engaged 1,828 students from a variety of schools in the Lower Mainland and beyond.

20

BC GREEN GAMES presented by Encorp Pacific-Return-It School

BC Green Games is a province-wide sustainability storytelling contest for students from kindergarten to grade 12. The contest inspires action, encourages sharing and also rewards and celebrates the sustainability efforts of BC schools. Science World manages BC Green Games with help from community partners in the areas of youth, government, school district, university, science and environmental education. The contest receives Supporting Sponsorship from Productcare's ReGeneration and Call2Recycle, with prize sponsorship from DreamRider Productions.

During year 8 (which ended April 2016), 166,976 votes were cast in the Viewer's Choice awards and 50 community organizations were involved as After our teacher and team leader survey from year 8, we found that the mentors, committee members, judges and promotional partners. Moving into year nine, the program boasts 106 impressive entries, bringing the online gallery total to 1,031 inspirational projects! The winning schools

across BC will receive \$10,000 in prize money, sleepaway camps, a school mural and \$3,000 in travel subsidies.

We have partnered with the Nanaimo Science and Sustainability Society in Nanaimo, The Exploration Place in Prince George, The Okanagan Science Centre in Vernon and the BIG Little Science Centre in Kamloops, to offer these field trips. These locations are not only more accessible to our distant teams, they also ensure that more schools have an opportunity to attend a BC Green Games celebration.

teachers, and students, were more motivated by the goal of a tangible prize than they were by cash prizes, so we added a school mural prize and two sleep away camps to celebrate our green teams' achievements.

SCIENTISTS AND INNOVATORS IN THE SCHOOLS (SIS)

For many children, it's the scientist who brings the concepts of science to life. The goal of SIS is to inspire students with exciting, in-school presentations by real scientists. The program is free and connects established scientists, engineers, technologists, technicians and tradespeople with students and teachers in British Columbia.

This year, SIS delivered presentations and hands-on workshops to over 31,500 K-12 students and 2,300 teachers across the province. Our focus was on reaching out to rural communities like Yekooche, Dease Lake, Kyuquot and Moricetown. The program was supported by 232 volunteer scientists. We hosted nine workshops on inquirybased science communication in Vancouver, Kamloops, Prince Rupert, Cranbrook, Victoria and Castlegar. We collaborated with other organizations like the University of Victoria, UNBC, BCIT, SFU, CBEEN, REAPS, GLOWS and Sierra Club of BC Foundation, to reach out to more students in remote communities.



COMMUNITY ENGAGEMENT PROGRAMS

Science World's Community Outreach team travelled locally and across BC during 2016/17, providing opportunities for students and teachers to discover the excitement of science. This year, face-to-face programming outside our Vancouver facility engaged 98,015 participants, in over 60 communities around the province.

The new outreach offerings piloted this year included:

- showcasing the wonders of science and potential for careers in STEM
- increasing access for students geographically and economically
- connecting organizations, passionate working professionals, teachers and students
- building capacity and connectivity between communities, digital extensions, connections and contributions from across organizations
- sharing success stories regularly, through blogs, social media and exhibit areas at TELUS World of Science that highlight inspirational teaching and learning from a variety of settings across BC
- engaging key community stakeholders, through advisory committees, community champions, evaluations and consultations

FUTURE SCIENCE LEADERS

The Future Science Leaders program helps inspire and challenge the next generation of scientists and innovators. At weekly meetings, students participate in skill-building activities and innovative learning in topics typically reserved for universities. The students interact with science and technology leaders and take advantage of opportunities to deeper explore scientific research, academic theory and industry applications.

Future Science Leaders is a three-year program. In the first year of the program, the Discover Year, 25 students explored different scientific themes. Fourteen students participated in the more intense Innovate Year (2nd year), where they could choose to focus their work in either Research or Engineering. This year, the Research group presented at science fairs and the Engineering group presented their independent projects at Vancouver's Maker Faire.

In year three, six students researched a topic using methodology similar to that of an undergraduate thesis paper and then presented their findings to the Science World audience. All year two and year three original projects were described in the *Future Science Leaders* eSTEAMed journal.





SUPER SCIENCE CLUB presented by HSBC Bank Canada

September 2016 marked the sixteenth year of *Super Science Club* programs that motivate inner-city youth to be more inquisitive about the world around them. This year, the programs reached over 1,005 children at 18 different locations across Vancouver and the Fraser Valley. In collaboration with the University of the Fraser Valley, the University of British Columbia and the Chilliwack School District, Science World provides the planning, curriculum, training and coaching necessary for university students to deliver this afterschool program to at-risk children in the Fraser Valley and at community centres in Vancouver.

In addition to continued work with the PAC Committee at École Anne Hébert, the *Super Science Club* now has affiliate programs that reach more than 300 students across six locations.

LIVING LAB

The *Living Lab* is now in its seventh year of operation at TELUS World of Science. This exciting partnership between Science World and the Department of Psychology at the University of British Columbia is funded by the Canada Foundation for Innovation and the Social Sciences and Humanities Research Council of Canada (SSHRC).

In the *Living Lab*, Science World visitors get to work directly with UBC researchers, who are studying cognitive, language and social development. This year, they tested over 1,500 children, 6 months to 2 years of age, and over 6,000 children age 3 and older. Researchers also tested close to 2,100 adult visitors and spoke with approximately 10,000 visitors about the research occurring in the *Living Lab*.

In addition to new scientific publications, the *Living Lab* partnered more broadly with Science World, UBC and many other top universities around Canada, to apply for an SSHRC Partnership Grant. If awarded, this grant will provide seven years of financial support for research aimed at fostering a greater interest and engagement in STEM subjects, among girls in primary and secondary school. This research project will explore what impact *Super Science Club* and Meet a Scientist have on shaping children's attitudes, stereotypes and interest in STEM subjects. This grant application is currently under a final round of review, with award decisions expected in early summer.

ADULT EVENING WORKSHOPS

Science World continued its foray into adult educational programming, with a series of four grown-up science workshops that occurred throughout the year. Adults were introduced to beekeeping and beeswax crafting, high-speed photography and data visualization, engaging with the Internet of things and the practical uses of quantum mechanics. These workshops were well attended and the feedback received was extremely positive. We look forward to continuing our relationships with local experts and bringing more science into the lives of our adult audience.

COMMUNITY SCIENTIST INITIATIVE

The Community Scientist Initiative (CSI) program is designed to assist scientists, researchers and other science-based professionals in becoming science communicators and ambassadors. CSI has helped Science World foster stronger institutional relationships with local scientists, businesses and government agencies. More importantly, CSI has provided opportunities for our visitors to explore current science and research with local, passionate professionals. This year, we provided professional enrichment for 65 local scientists. This support enabled 95 scientists to make a total of 373 visits to TELUS World of Science, to engage 85,722 of our visitors with science and research happening in our community, through our Meet a Scientist and Café Scientifique events!

Super Science Club

EARLY LEARNING

This year, *Big Science for Little Hands* workshops involved 194 early childhood educators and caregivers around the province. During two Ready Set Learn events and Play to Learn family events, 202 children and 108 parents/caregivers worked with *BSLH* activities. Working with the Olympic Village Planning Board, we provided early learning programs and services to families in the area. We continue to promote early learning science with NS3 in Nanaimo and through professional development workshops in the Lower Mainland and around the province.

This is year three for collaborating with Decoda Literacy Solutions and the Vancouver Public Library during Literacy Week, to present Saturday programming on the relationship between literacy and STEM topics.

Over 250 guests attended a presentation with an astrophysicist, during this second year of Ready Jet Go! which promotes science for young children and families.

Budding Scientists collaborated with the CRECHE project at Simon Fraser University to create a research project and literacy and science programs that engaged 180 children.

This year, 70 children participated in *Preschool Curiosity Club*. This popular program has been expanded to include a toddler session for two year olds.



DIGITAL COMMUNICATION

SCIENCE ENGAGEMENT THROUGH SOCIAL MEDIA

This year, we debuted our own Science World Snapchat account at a one-of-a-kind Snapjack event, by swapping Snapchat accounts with the Beaty Biodiversity Museum. This, along with the custom Geofilters created for our teen-focused events and Innovation150 programming, helped us reach over 20,000 Snapchat users.

NEWSLETTERS

To help raise awareness about Science World resources and our latest offerings, we distribute e-newsletters to teachers and principals, Members, the public and the Chinese community. In total, newsletter distribution reached 27,300 people.

SHARING SCIENCE THROUGH VIDEO

This year's video series included:

- Science World Resources—five videos about our favourite discrepant events, with the help of our summer campers and an enthusiastic science teacher.
- Science Odyssey—ten days of interviews, science activity videos, a livestreamed BioBlitz and scientist profiles, to celebrate this national initiative.

BUILDING EFFICIENCY

Waste Not, Want Not

Science World has been working closely with our partners at Urban Impact to reduce our landfill waste. They have provided us with new waste containers and we have created concise signage, so that staff can easily discern garbage from recyclables. This collaboration was a success!

To put this in real world terms:

ear	2014	2016
aste diverted	9,442 kg	18,564 kg
arbon saved	23.8 tonnes	37.5 tonnes
later saved	190,919 L	301,203 L
rees saved	123	193
lectricity saved	29,541 kw/h	46,605 kw/h

28 Early learning workshops are hands on and fun!

SCIENCE CHARTER

On September 28, 2013, founding members of the Science Charter British Columbia declared their commitment to creating a vibrant province where the active pursuit of scientific knowledge and technological innovation enables a healthy, prosperous and sustainable society.

The purpose of the Charter is to foster coherence and collaboration amongst organizations involved in science promotion in British Columbia, by defining common understandings and purposes. Each of the signees shares a belief that science and technology are pivotal to our economy, environment, health and many other dimensions of our lives. Individual organizations believe that they can be more effective in science promotion through mutual attention and common direction.

On March 7, 2016, the Science Charter community came together for the second annual BC Science Outreach Workshop. This year's event brought together over 130 attendees representing 60+ organizations. The day was filled with vibrant panel discussions, interactive workshops and many opportunities for networking.

SCIENCE PROMOTION AGENCIES SIGNING THE SCIENCE CHARTER:

APEGBC Geoscience BC Applied Science Technologists LifeSciences BC and Technicians of BC Mitchell Odyssey Foundation Science Fair Foundation of BC Association of Institutes & Universities British Columbia BC Colleges Science World British Columbia BC Science Teachers' Association Society for Canadian Women BC Technology Industry Association in Science and Technology Genome British Columbia TRIUMF

For more information on this initiative, visit the Science Charter website: sciencecharter.ca.

IN PARTNERSHIP

In 2015, Science World launched the in Partnership with Science World initiative.

The goal of this initiative is to strengthen the pursuit of Science World's Mission across the province, beyond what the organization could effectively accomplish independently. By establishing partnerships with committed, engaging, local organizations across all regions of British Columbia, we will work to ensure that all British Columbians have access to science promotion activity. Established agreements include Science World in partnership with:

- The Exploration Place in Prince George—to provide engaging school program offerings aligned with the new curriculum.
- The EcoDairy in Abbotsford—to expand the scope of science programming and exhibit experiences in the Fraser Valley, with a focus on sustainable agriculture.
- Decoda Literacy Solutions, a province-wide non-profit literacy organization to deliver community outreach programs and events in collaboration with their established partner organizations that are located in over 400 communities.



an

SPONSORS & DONORS

A fundraising initiative for Science World's Field Trip Bursary Program, the second annual Science of Cocktails sold out in advance. The evening featured fun, hands-on activities and programming delivered by Science World staff and Vancouver's top bartenders, who explored the physics, chemistry, biology and mixology of cocktails.

This year's event also featured amazing restaurants and caterers who paired up with the bartenders, to add an additional flare to the evening. Over 1,500 people joined us for a fun night that supported underserved schoolchildren, by providing them with the opportunity to spend a day at Science World through the Field Trip Bursary Program.

A warm thank you to everyone who supported and participated in our signature event and to all of the volunteers who made it possible. Together, we raised over \$250,000 for the Field Trip Bursary Program, which will make it possible for more than 5,000 kids to visit TELUS World of Science, over the 2017–18 school year.



SPONSORS

1800 Teguila Absolut Aperol Spritz

Appleton Estate

Bacardi

Belvedere Vodka

Chau Veggie Express **Culinary Capers**

Diplomatico

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Drew's Catering & Events

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Fords Gin

Havana Club

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Monkey Shoulder Mount Gav Rum

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Peake of Catering

Pidgin

RISE Kombucha Road 13 Vinevards

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The Dirty Apron The Glenlivet The Lazy Gourmet

The Keg Restaurants WORLD CLASS Canada MEDIA SPONSORS

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Canadian Professional Bartenders Association, BC Chapter

Grace Choi Events

Innovation Lighting

Metropolitan Fine Printers Inc.

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Popcorn

OFFICIAL SUPPORTERS

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FI OWFR7

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Greater Vancouver Designated Drivers

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Praxair

Sharon Perry Inc.

Tradable Bits Media

TRIUME



DONORS

Manjeet Birk Mitchell Dafoe Shannon Emery Janet Lyons Robyn Martin Doreen Rennick Helen Sheridan Teekay Shipping (Canada) Ltd. David Ticknor **United Way Worldwide** grant, on behalf of the generosity of Wells Fargo

THANK YOU TO OUR PRIZE DONORS

Il Terrazzo

Joe Fortes

TELUS

Seafood &

Chop House

Sheraton Vancouver

Guildford Hotel

Sutton Place Hotel

Vancouver Airport

Marriott Hotel

VSO-Vancouver

Thai House Restaurant

Symphony Orchestra

Ballet BC Bell Media Robert and Shannon Coates Craft Beer Market Fairmont Pacific Rim Famoso Neapolitan Pizzeria Floyd's Diner Glowbal Restaurant Group Harbour Air Hotel Rialto

AMAZING CHEFS

Chef Kyle Baker Chef Stewart Boyle Chef Rory Higdon Chef Jesse Hochhausen Chef Jenny Hui Chef Maria Huvnh Chef Patrick Miller **Chef Andrew Mott** Chef Drew Munro Chef Mary Lee Newnham Chef Andrew Nickerson Chef Alvin Pilla Chef David Robertson Chef Takayuki Sato Chef Darren Upshaw Chef Wesley Young

THANK YOU TO THE SCIENCE OF **COCKTAILS COMMITTEE**

Brian Anderson Kei Baritugo Kevin Brownlee Jesse Brydle Clare Charnley Grace Choi Christina Coomer Ron Denischuk Hana Dethlefsen Neenu Dhoot Christine Duguay Mitchell Dyck Chris Enns Michael Fong Julio Guzman Dana Henson Sarah Herriott

Jennifer Ingham Trevor Kallies Karthik Krishnaswamy Jason Laidlaw Clement Lau Jayde Lee Trevor Lee Gez McAlpine Laura Milks Abby Nielson Amanda Oldershaw Kim Peterson Nick Routley Tristan Sawtell Warren Tsoi Marlon Vizcayno

THANK YOU TO VANCOUVER'S AMAZING TOP BARTENDERS

Kristi-Leigh Akister, The Union Mark Bailey, Ceilis Irish Pub Matt Benevoli, Nomad Alex Black, Nightingale Max Borrowman, Juniper Cam Brown, Cactus Club Kelowna Kevin Brownlee, Annalena Amber Bruce, The Keefer Bar Annie Chbat Nomad Chef Chris Chuy, Lavish Liquid Bar Service Julia Comu, Pidgin Matt Cooke, Ancora Jenner Cormier, World Class Canada Aimee Corno, The Acorn Alex Crowston, Parallel 49 Brewing Company Karissa Dahl Marco De Andrade

Harry Dosanj, West Coast Grill & Oyster Bar Chris Enns. The Diamond Paul Gibson, Tigh Daniel Giraldo, Central City Brewing Robyn Gray, Rosewood Hotel Georgia Geri Grohs Frank Grosser, Pidgin U Mvo Hein Keith Hoffman Keenan Hood, The Keefer Bar Rob Hoover Steve Hubley Alice Hudon, Mosquito Eric Johnson, Coupe & Coupe Christos Kalaitzis, Central City Brewing Trevor Kallies, Donnelly Group Philip Karatsyupa, Ancora Jordan Kuyvenhoven, Parallel 49 Brewing Company

Joe Luckhurst, Road 13 Vineyards Colin MacDougall, JP Wiser's Western Canada Brand Ambassador Matt Maiid, Elitecocktails.com **Graham Masters** Gez McAlpine, Western Canada Brand Ambassador— Bruichladdich & The Botanist & Mount Gay Rum Ierin Mece, PMA Canada Tarquin Melnyk, Bambudda Michael Mooney, Canadian Brand Ambassador for Monkey Shoulder Whisky Lauren Mote, Bittered Sling Bitters/ WORLD CLASS Canada Dave Mott, Brandywine Bartending School Geoff Mott, Brandywine

Shane Mulvaney, WORLD CLASS Canada

Bartending School

Cody Pollard, Fermented Dining Olivia Povarchook, Homer Street Café Alvin Ramchurn, Canadian Hendrick's Gin Brand Ambassador Stefano Righetti, The Keefer Bar Grant Sceney, Fairmont Pacific Rim Dave Simpson, The Bartender's Guild Reece Sims, Whiskey Muse Jon Smolensky, Brix Jacob Sweetapple, Absolut Brand Ambassador Matt Toledo Keith Trusler, The Glenlivet Brand Ambassador Donnie Wheeler, Havana Club Brand Ambassador Carina Wickstrom, Beam Suntory Dylan Williams, Bambudda Carolyn Yu



Micah Dew

Sabrine Dhaliwal

WONDER GALLERY

We are grateful to the many donors who helped us reach our \$2 million campaign goal! Wonder is Science World's brand new gallery exclusively for our youngest scientists, ages 0-5, and their caregivers. We're collaborating with child development experts in the creation of Wonder, to design a place where children can do what they do best-learn through play. Truly a one-of-a-kind experience in Vancouver! Thank you for making this possible.



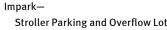
SUPPORTERS WHO NAMED THE GALLERY AREAS

Walter & Nancy Segsworth-Pearls Pools

Shafin Diamond & Minu Tejani-Experiment Bus

The Munford Family— **Build Area**

Manny & Sunita Padda-Climb Area



SUPPORTERS WHO NAMED THE WONDER CAST OF CHARACTERS

HEROES

Amrik & Vir Inder lit Padda-Zane the monkey

Kayden & Aria Tejani— Angel Raheem the koala

To Family— Raymond, Joanne and Vivian-CYTO the owl

SIDEKICKS

Agarwal Family— Ernest the snail

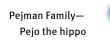
Dr'Lyn Anglin— Photon the firefly

Andrea Durham & Pauline Finn-Inky the octopus

Andrew & Nuala Harries— George the hedgehog

Robin & Linda Louis-Sesame the raccoon Robin & Linda Louis-Chiwi the bird

Sophia & Olivia Nernberg— Zippy the squirrel



Vanderkooi Family-



WONDER GALLERY

The Agarwal Family The Glenn and Annetta Agnew Memorial Fund, held at Vancouver Foundation Dr'Lvn Anglin & Dan Marshall **Applied Science Technologists** & Technicians of BC Julie Blanchard Barbara Brink John & Heather Carson Charitable Impact Foundation The Chung Family Stuart Culbertson in honour of his grandchildren. Beniamin and Ava Lara Dauphinee Kristy Davies lames & lanet Dean Stephanie Dong Andrea Durham & Karl Jessen Dvson Canada Ltd EcoDairy

Samantha & Terron Falk

Fernwood Foundation Pauline & Brian Finn lim & Casev Fletcher Casev & lean Forrest Cliff & Gail Fraser Robert Fung Dan & Daphne Gelbart Paul & Nicole Gever Dr Alexandra Greenhill Deby Gullekson Iulio & Ella Guzman Andrew & Nuala Harries George & Jane Hungerford iA Financial Group Jennifer & Jessica Ingham Diana Keng Chris & Shuen King Kubera Payments Corporation Craig Langdon Suki Law & Jan Edwards lames C. Lee Lilv Lee

Mary & Jarrod Levitan

Robin, Linda, Aron, Sheila & Owen Louis Dr Lindsav Machan Ted McGrath Patsy & John McMillan Ron McNeil Estate of Frieda Mever Rivka & Ophira Mills Kuhan Milrov Iohn Hardie Mitchell Family Foundation John & Dana Montalbano Iohn Murphy & Leslie Lee Sophia & Olivia Nernberg Wade Nesmith Amrik & Vir Inder lit Padda Cam & Misty Paterson Greg & Marlyn Peet The Peiman Family Dr Scott Sampson Ken A. Schneider Barry & Drinda Scott Tracy Scott Katherine Scouten

Rich & Linda Simons Chervl Slusarchuk & Kevin Gulstene Martin & Barbara Smith SpencerCreo Foundation The Spothelfer Family Michael Steinmann STEMCELL Technologies Eileen B. Stewart Morgan & Lisa Sturdy Suan Teo Fira Thomas Morgan Tierney The To Family—Raymond. Ioanne and Vivian Pavel & Beth Volfbevn Yang Wang

Wawanesa Mutual Insurance Company

Sandra Wear

Fei Wong

Wertz Family Foundation

White Spot Restaurants

Windsor Plywood Foundation.

held at Vancouver Foundation

IN HONOUR OF BRYAN TISDALL'S RETIREMENT Ted McGrath

Steve Baker Catherine McPherson Iohn & Wendy Cairns Robert Clendenan Chris & Margaret O'Rilev Tony Da Roza Lois Rasmussen Flectronic Arts Canada Walter & Nancy Segsworth Paul & Nicole Geyer Laurence & Karola Stinson Andrew & Nuala Harries Nancy J. Huntingdon Jennifer Ingham Doug Kinsey &

Annie Desgagne

Man Ying Tse Lee

Margaret Terry **Bob & Carol Wiens** Christina Yan-Lee. Michael, Justine, Graham & Andrea Lee



Raiva Abdulla Annalia Carvalho Vianna Carvalho

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Samuel V. Hilton-Webster

Kamran Kermani Nicholas G. Louie

Drew Mak

Justin Mak

Theodore Mak

Mila Mao

Katrina McKenna

Violet Chang O'Connell

William Chang O'Connell

Valenda Ou

Cillian Schick-Martin

Allegra Wertz David Wu

INNOVATOR SPEAKER SERIES

THROUGH THE CHILD'S EYES: PLAYING & GROWING WITH DR VANESSA LAPOINTE

This speaking event stirred the wonder of seeing the world through a child's eyes in each participant. Dr Lapointe firmly believes that if adults can view, experience and understand the world the way a child does, we are infinitely more capable of responding to children in ways that resonate with the science of development. That is, to do right by our children we need to see the world through their eyes.

Thank you to Dr Lapointe and The Wishing Star Lapointe Developmental Clinic for supporting this speaker event—a fundraiser for our new early learner's gallery, Wonder.





CHAIR'S CLUB & PILLARS OF SUPPORT

This multi-year commitment ensures a strong financial foundation for Science World, allowing us to focus on what really matters—inspiring the next generation of science and technology leaders. The following group is composed of influential business leaders and families, who with their individual commitments, demonstrate their incredible dedication to science and technology in British Columbia.

Ross Beaty Jim & Samantha Bosa Ryan & Tonya Bosa

Norm & Pat Francis
Paul & Nicole Gever

V. Paul Lee & Family

The Louis Family—Robin, Linda, Aron, Sheila & Owen

Dr Lindsay Machan

John & Dana Montalbano

John Murphy & Leslie Lee

Bob Quartermain

Walter & Nancy Segsworth

Rich & Linda Simons

The Spencer Family—Keith, Sheryl, Bridget & Virginia

Dr Ken Spencer & Judy Gale

Deb & Jim Yeates

CHAMPIONS CIRCLE

This group of passionate community leaders is dedicated to helping Science World inspire young minds throughout the province, with their remarkable contributions of \$5,000 per year, for a three-year period.

Michael Cole
James Dean
Paul & Nicole Geyer
Jeff & Sonia Hobbs
Sherry & Alex Klopfer
Leslie D. Lee & John M. Murphy
Greg & Nicole Loeppky
Robin & Linda Louis
Chris O'Riley
Launi Skinner
Cheryl Slusarchuk & Kevin Gulstene

EQUITY GIVING PROGRAM

By supporting Science World through gifts of common shares, stock options or pledges of equity, BC companies and their investors share their success with Science World while investing in the innovators of tomorrow. We would like to thank the following companies and business leaders, who through the Equity Giving program pledged or donated private shares or stock options.

CORPORATE DONORS

BuildDirect.com
Delta-Q Technologies
Genius Factor Games
Inetco Systems Ltd.
Intech Environmental Canada Corp

Intech Environmental Canada Co
MailChannels Corporation

Mobio Technologies

Modio lechnologie

myBestHelper
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Quickmobile inc.

ResponseTek Networks Corp

Softsearch Inc.

Tee Times Net Golf

Reservation Inc.

Tradable Bits Media

Working Opportunity Fund, managed by GrowthWorks

Capital Ltd.

INDIVIDUAL DONORS

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(Mentionmapp Analytics)
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Daryl Hatton
Jeff Hobbs
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David Main
Jan McEachern

Robert Park Jeremy Ralph

Danny Robinson Serge Salager Garry Shearer

Ken Simpson & Yvette Gabrielle

Mischa Steiner Darren Stone

Morgan Sturdy

Bill Tam

Sibylle Tinsel & Ean Jackson—
Analytics Marketing Inc./

CFA Sports Bruce Townson

Mark Williams

ANNUAL EQUITY GIVING EVENT SPONSORS

Go Recruitment
McMillan LLP
Parallel 49 Brewing Company
Road 13 Vinevards

Vancouver Enterprise Forum

In recognition of companies and individuals whose pledges were realized this year, we'd like to congratulate the following:

Delta-Q Technologies Corporation,
Ken Fielding
dPoint Technologies, James Dean
Scorpion Software, Dana Epp

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GALLERIES

OUR WORLD:
BMO SUSTAINABILITY GALLERY

BC Dairy Council

BC Hydro

BC Used Oil Management Association

Blue Planet Links Foundation

BMO Financial Group

Canadian Wireless Telecommunications Association

Electronic Products Recycling Association

Encorp Pacific—Return-It

Post Consumer Pharmaceutical
Stewardship Association

Product Care

Stewart Fund, a donor advised fund

of the Vancouver Foundation

TD Friends of the Environment Foundation

Terrapure

The Hamber Foundation

Tire Stewardship BC

HYDROGEN FUEL CELL EXHIBIT

Hyundai Canada

KEN SPENCER SCIENCE PARK

Encana Goldcorp

Government of Canada

Nature's Path

Province of British Columbia

RBC Blue Water

Dr Ken Spencer & Judy Gale

TD

Tire Stewardship BC

Western Economic Diversification Canada

Westport Innovations

FURFKA! GALLERY

Dyson Canada Ltd

PETER BROWN FAMILY
CENTRE STAGE

City of Vancouver

Peter and Joanne Brown Foundation

BODYWORKS GALLERY RENEWAL

Genome British Columbia

WONDROUS EXHIBIT

Willow Grove Foundation

TOP SECRET: LICENSE TO SPY FEATURE EXHIBITION

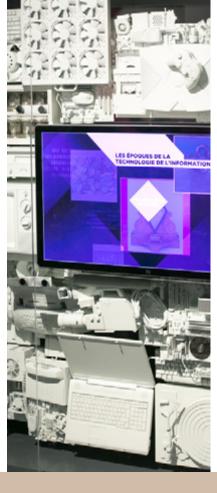
White Spot Restaurants

ENERGY EXHIBIT RESEARCH

Willow Grove Foundation

QUANTUM: THE EXHIBITION

Stewart Blusson Quantum Matter Institute, UBC



DONATIONS

Donations received this year have kept exhibits exciting, science demonstrations engaging and brought science programming to children, teens and adults across the province. Thank you to everyone who made a donation!

VISIONARY

City of Vancouver

Michael Smith Endowment

Fund, held at the

Vancouver Foundation

TELUS

We acknowledge the

financial assistance of the

Province of British Columbia

PARTNERS

Barbara Brink

Claire Cupples

Steve Ellis & Madeleine Butschler

Diane Espiritu

Andrew & Nora Harmsworth

Mohammad Khabbazi

Doug Kinsey & Annie Desgagne

Wei Liu

Kamran Malekpour

Cyril Mcdowall

David Milkes

Bonnie Moskowitz

Kye Park

Judith Phieffer

PIXSTAR Photobooth Rentals

Donald & Heather Risk

SAP Software Solutions Employees

The Simmons Family

Arlene Tees

TELUS Dollars for Doers

TELUS Cares, Stephen Lewis Fund

Urban Impact Recycling Ltd.

Vanessa VanDivier Peeranut Visetsuth

Dongliang Wang

Bob & Carol Wiens

Workday Inc Bingyi Xie Guowen Yan

Moonhee You Anonymous

nymous

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COMMUNITY OUTREACH

Science World delivers a variety of programming within our Vancouver facility and to communities and schools across the province. Community Outreach donors provide vital funding that allows Science World to inspire curiosity and learning in inner-city classrooms, support promising young scientists and encourage innovative thinking for a sustainable future.



BC GREEN GAMES
presented by Encorp
Pacific—Return-It School

Call2Recycle
The Hamber Foundation
Product Care

FUTURE SCIENCE LEADERS

Alex Chattwood Peggy Chisholm Craft Geeks Lorna Fortin Andrew & Nuala Harries Michael Mav Amanda Oldershaw SAP Canada Walter & Nancy Segsworth Joe Sornberger STEMCELL Technologies TRIUMF Hui Wang We acknowledge the financial assistance of the Province of British Columbia

CLASS FIELD TRIPS

Teekay Shipping (Canada) Ltd. United Way Worldwide grant, on behalf of the generosity of Wells Fargo

ON THE ROAD

Applied Science Technologists
& Technicians of BC
BC Hydro
Marna Disbrow
Imperial Oil Foundation
Natural Sciences and
Engineering Research
Council (NSERC)
We acknowledge the
financial assistance of the
Province of British Columbia

COMMUNITY SCIENCE CELEBRATION FREE DAY BC Hydro

SUPER SCIENCE CLUB presented by HSBC Bank Canada

CKNW Orphans' Fund
Provincial Employees
Community Services Fund
RBC Foundation
Stewart Fund, a donor advised
fund of the Vancouver Foundation
Tula Community Fund,
held at the Vancouver Foundation
Willow Grove Foundation,
Dr Andrew S. Wright &

BIG SCIENCE FOR LITTLE HANDS

Dr Helen Newton

Imperial Oil Foundation

We acknowledge the
financial assistance of the
Province of British Columbia

SUMMER SCIENCE CAMPS

Alex Chattwood TELUS Community Ambassadors

INVESTORS IN INNOVATION

BC Hydro HSBC Bank Canada RBC Foundation STEMCELL Technologies

BC Hvdro

HIGH SCHOOL LEADERSHIP WORKSHOPS

Natural Sciences and
Engineering Research
Council (NSERC)
We acknowledge the
financial assistance of the
Province of British Columbia

OUTREACH PROGRAMMING

Nathan Hollier

Lohn Foundation

Donna Marsh

Birinder Singh

Willow Grove Foundation,

Dr Andrew S. Wright &

Canadian Association of
Science Centres

Natural Sciences and
Engineering Research
Council (NSERC)

OPENING THE DOOR

SCIENCE ODYSSEY WEEK

BC Hydro
Natural Sciences and
Engineering Research
Council (NSERC)
We acknowledge the
financial assistance of the
Province of British Columbia

SCIENTISTS AND INNOVATORS IN THE SCHOOLS

Dr Helen Newton

We acknowledge the

financial assistance of the

Association of Consulting

financial assistance of the

Province of British Columbia

Province of British Columbia

Engineering Companies BC
Chevron Canada Limited
Trudi Coblenz
Natural Sciences and
Engineering Research
Council (NSERC)
We acknowledge the

16 Inspiring curi

TRIBUTE

D-Wave Systems Inc, in memory of Buzz Wray Colin & Margaret Fraser, in memory of Donald J. Gregg Jane Mehai, in honour of Emrul Bari

LEAVE YOUR MARK

Kevin & Patricia Huscroft Shikha Khangura Minhas

PREMIER MEMBERSHIPS

Dr'Lyn Anglin & Dan Marshall Linda Chan Surjit Dixit Joel Hammond Jen Jaffe Kathy MacRae Matthew & Lois Pedley Michael & Michelle Thompson

Mary Wagstaff

LIGHT THE WAY

We graciously acknowledge our Legacy Donors, who have made an impactful gift through their will or estate, helping us to cultivate curiosity and inspire innovation.

The Glenn and Annetta Agnew Memorial Fund, held at Vancouver Foundation Estate of Gordon Anderson Hall Estate of Frieda Meyer Estate of Louise Rossander

IN-KIND DONATIONS

Science World would like to extend a huge thank you to the individuals and organizations who chose to support us through donations of goods and services—often with the added bonus of priceless expertise!

Coca-Cola Bottling Ltd.
Dr Allen & Dr Connie Eaves
First West Credit Union
GrowthWorks Capital Ltd.
Hootsuite Media Inc.
Donna Marsh
Parallel 49 Brewing Company
Rethink Canada
Road 13 Vineyards
Slack
Tradable Bits Media





EMPLOYEE & VOLUNTEER GIVING

Science World employees and volunteers continue to show their passion and dedication towards making us a science leader.

The following individuals showed their commitment to our Mission by making a pledge or cash donation to Science World, during the 2016 Employee Giving Week.

Sarah Alshukhaiti Lyndsay Fraser Iosh Andallo Avena Guppy Carolina Becerra Christopher Guppy lason Bosher Chris Hamming Clare Charnley lennifer Ingham Tracy Chen Eugene Kabanovski Trudi Coblenz Madeline Koeberling Jo-Ann Coggan Ingrid Lae Suki Law Mila Cotic Tom Cummins Karen Lee Kristin Lee Nikko de Guzman Andrea Durham Tammy Matheson Sandra Eix **Jacqueline Mayo** Pauline Finn Louise McCall Gail Fraser Bronwyn McNeil

ay Fraser Renee Michaud
Guppy Laura Milks
opher Guppy Friderike Moon
Hamming Stephen Mullally
er Ingham Kim Peterson
ee Kabanovski Jeff Porter
line Koeberling Brian Radburn
Lae Sara Reid
aw Chihiro Sakamoto
Lee Dr Scott Sampson
in Lee Walter &
y Matheson Nancy Segsworth

Erica Vigneron

Cindy Wagner

Greg Weinrauch

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FRIEND OF SCIENCE WORLD (LIFETIME)

To be named a Friend of Science World is an honour bestowed by the Membership of Science World on an individual who personifies the goals and aspirations of the Society. The recipient is characterized by a love of science, a dedication to community service and a commitment to the evolution of British Columbia as an international centre of science and technology. Either through their activities on behalf of the Society and/or by the example they provide by their life's achievements, Friends have contributed significantly to the development of a science culture in our province.

2017 Trudi Coblenz
2014 Gordon Campbell
2010 Dr Ken Spencer
2009 Stan Hagen
2006 John Pitts
2994 Dr Michael Smith
2992 Haig Farris
2991 Barbara Brink
2990 Dr Cecil Green

PATRONS OF SCIENCE WORLD

To be named a Patron of Science World is an honour bestowed by the Members of the Science World Society on a volunteer or former employee, who has contributed in a significant way to the development of the Society.

The Society recognizes that a community facility like Science World can only thrive if it is the recipient of the collective contributions of energy, wisdom, time, financial resources and goodwill from the leaders of the community it serves. The Patrons of Science World are examples of this leadership.

2017	Dr John Cairns	2010	Ross Mitchell	2005	Dr Ron Marteniuk	1997	Robert A. Dickinson	1993	Rudolph North
2017	Bruce McLeod	2010	Garry Rasmussen	2005	Anne Sutherland	1997	Danny Gaw	1993	E. Lynn Patterson
2015	Dr Robin Louis	2009	Trudi Coblenz	2004	Eric Kong	1997	Dr Colin Jones	1993	Don Risk
2015	Dr Lindsay Machan	2009	Caroline Jellinck	2004	Victoria Withers	1997	Dr Maria Klawe	1993	Ron Stern
2015	Peter J. O'Callaghan	2009	Michael Lee	2003	Dr Lorne Whitehead	1996	Dr Elmer Froese	1993	Milton Wong
2015	Jim Pickles	2009	Munro MacKenzie	2001	Dr Alan Pelman	1996	Nairn (Buz) Knott	1993	Dr John Wormsbecker
2015	Rich Simons	2009	John Murphy	2000	Drinda Scott	1996	Ron Woznow	1992	Dr Harold Copp
2014	Dr Bruce Beairsto	2009	Dr Ken Spencer	1999	Peter Lige	1995	Michael Francis	1992	Don Graham
2014	Paul Geyer	2008	Jeff Devins	1999	Fei Wong	1995	David Ingram	1992	John Pitts
2012	Donna O'Neill	2008	Bob Wiens	1998	George Battye	1995	Lucille Pacey	1991	Dr Erich Vogt
2012	Dr Andrew Wright	2007	Eileen Stewart	1998	Dr Sid Katz	1993	Larry Bell	1988	Hon David C. Lam
2011	Bruce Drake	2006	Bill Bullis	1998	Kevin O'Neill	1993	John Fraser	1987	Dr Gerhard Herzberg
2011	Stewart Ladyman	2006	Don Young	1997	Anthony Barke	1993	Jane Hungerford	1987	Dr John Polanyi
2011	Morgan Sturdy	2005	Stuart Culbertson	1997	Brian Canfield	1993	Alex Klopfer	1987	Hon Robert G. Rogers
2011	Peggie Terry	2005	Chris Kelly	1997	Robert Carlisle	1993	Nurjehan Mawani		

Trudi Coblenz—veteran volunteer and Friend of Science World

FINANCIAL SUMMARY

The financial statements of A.S.T.C. Science World Society for the year ended February 28, 2017, have been audited by PricewaterhouseCoopers LLP, Chartered Accountants. These financial statements are available upon request.

This table includes revenues and expenses of comparative fiscal years ended February, 2016 and 2015. They are an illustrative summary only and are not intended to replace the full audited financial statements.

Statement of Operations extracted from the financial statements for the year ended February 28, 2017 (in thousands of dollars).

REVENUES

Customer admission and membership
Customer retail revenue and contracted services
Donations and sponsorships
Grants
Interest
Miscellaneous

EXPENSES

Customer and donor services and facilities
Customer information, communication and sales
Exhibits, theatres and programs
Support services
Outreach programming

EXCESS OF REVENUES OVER EXPENSES BEFORE AMORTIZATION

Amortization of exhibits and property and equipment
Amortization of deferred contributions related
to exhibits and property and equipment

	1	l
Year ended February 28, 2017	Year ended February 29, 2016	Year ended February 28, 2015
8,468	8,897	7,617
3,300	3,366	3,166
1,696	1,454	1,333
300	228	183
170	153	158
27	27	38
13,961	14,125	12,495
3,578	3,631	3,444
2,405	2,787	2,503
2,670	2,879	2,290
2,675	2,106	1,789
1,451	1,340	1,025
12,779	12,743	11,051
1,182	1,382	1,444
(2,540)	(2,395)	(2,752)
1,850	1,815	2,067
(690)	(580)	(685)
492	802	759

REVENUES

60.8%	Customer admission and membership
23.6%	Customer retail revenue and contracted service
12.1%	Donations and sponsorships
2.1%	Grants
1.2%	Interest
0.2%	Miscellaneous

EXPENSES

28.0%	Customer and donor services and facilities
20.9%	Support services
20.9%	Exhibits, theatres and programs
18.8%	Customer information, communication and sales
11.4%	Outreach programming

60.8% 20.9% 28.0%

11.4%

20.9%

18.8%

52

12.1%

23.6%



SCIENCE WORLD

TELUS World of Science 1455 Quebec Street Vancouver, BC Canada V6A 3Z7 scienceworld.ca Charitable BN 10673 4809 RR0001 Science World British Columbia is a charitable organization that engages British Columbians in science and inspires future science and technology leadership throughout our province.