

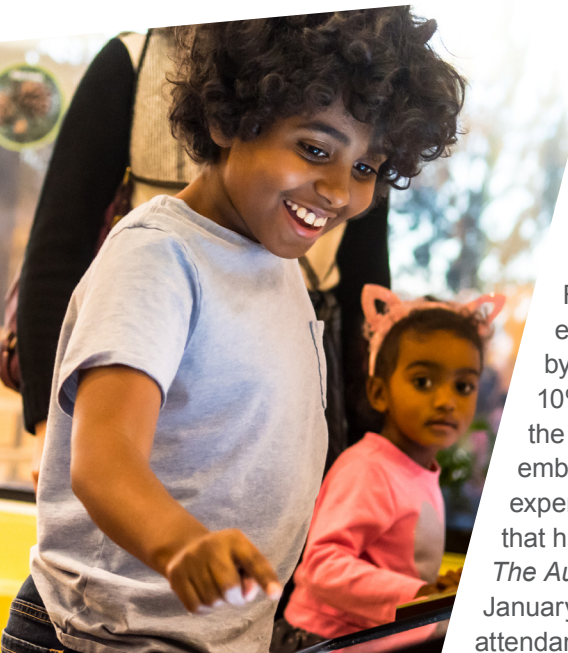


ANNUAL REPORT 2020

YEAR IN REVIEW

2020 was a year like no other.

Like any responsible organization, we at TELUS World of Science – Edmonton work hard to understand the risks we face in operating a major science centre. We implement processes to mitigate those risks. Suffice it to say that prior to 2020 the word ‘pandemic’ did not appear in our Risk Register and continual risk analyses. It does now. But it is worth noting at the outset that the organization’s ability to cope with COVID-19 was well-served by risk mitigations put in place to meet other challenges.



The year started with great promise, carrying forward momentum from a very successful 2019. Attendance in January and February exceeded expectations by more than 10%, reaffirming the community’s embrace of the science experience renewal that has come with *The Aurora Project*. The January and February attendance of over 121,000 was also fuelled by the

popularity of the travelling exhibition, *Marvel: Universe of Super Heroes*.

All that came to a very sudden end. On Friday, March 13, the science centre closed its doors to the public. However, we ensured that we did not lose the opportunity to deliver science and serve our community. We kept the building open to the core staff team to support construction, maintenance, and animal care. Once the initial shock wore off, the entire team turned its attention to finding new ways to keep TWOSE a vital and compelling part of the community, meeting audience needs in the time of COVID.

With the massive disruption created by COVID-19, we quickly modified our Strategic Plan and adopted five ‘COVID-adjusted’ goals:

- 1. Ensure Financial Stability**
- 2. Develop and implement new forms of science delivery**
- 3. Make progress in *The Aurora Project***
- 4. Build and maintain a strong relationship with the community**
- 5. Maintain the health and integrity of the TWOSE team**

Ensure Financial Stability

The COVID period started with layoffs, some of which turned into permanent job losses. The Canada Emergency Wage Subsidy (CEWS) enabled the centre to bring back most of its full-time staff and some part-time. Additional recovery programs and some nimble sponsorship and grant acquisitions allowed the centre to manage its finances while keeping most of the staff fully employed. Our net finances shrank through the year, but we were able to finish the year without having to tap into the Operating Reserve and with our science centre team largely intact, thanks mostly to CEWS.

Develop and Implement New Forms of Science Delivery

Our Education and Science teams focused on the development of on-line programs and resources for kids, parents, and teachers. The entire science centre team got involved in the production of fun science videos to animate scientists of all ages with science to explore in and around their homes and outdoors.

The first major move to an on-line experience came with our very popular program of Summer Science Camps. We collaborated with TELUS Spark in Calgary and TELUS, Inc. to move our Summer Science Camps to on-line delivery. We ultimately served about 1100 registrants through our on-line summer camps. The same approach was adopted for use with school programs, birthday parties, DIY science, science clubs, fundraising, *Science on Tap*, and much more.

We also began a relationship with Northland School Division, bringing on-line content to 2200 mostly Indigenous students in 30 schools spread across Northern Alberta.

On July 4, TWISE cautiously re-opened parts of the facility to the general public. Masks were required and capacity was controlled in order to maintain social distancing. The travelling exhibition, *The Science of Ripley's Believe It Or Not!*, which had been sitting in the dark since its installation in March, was finally available for visitors to enjoy. The IMAX Theatre, the Zeidler Dome, and the Galaxy Gift Shop were also opened with reduced capacity. This reduced science experience continued through the summer and fall.

On November 28, TWISE closed our building to the public once again, two weeks prior to the closure mandated by the Provincial government. Closing the bricks and mortar allowed the entire team to focus on serving our audience through on-line programming. That is how the year came to a close.

Thanks to CEWS, other programs, and generous support from community stakeholders, TWISE was able to maintain over 70 of its staff team on the payroll, all contributing to on-line science programming and to the development work required for the new galleries and functional spaces under construction.

Make Progress on *The Aurora Project*

With the building closed to the public for much of 2020, the major construction of Phase 4 of *The Aurora Project* was able to proceed a little more efficiently. Site preparation for the 20,000 sq. ft. expansion began in April. By December the site was ready for concrete and steel, the bulk of which was slated for install in early 2021. We initiated the Phase 4 Aurora construction with a smudge ceremony on Thursday, July 30, led by Cree Elder Tony Arcand. It was a powerful event and a truly meaningful way to express our aspirations for the future.

Build and Maintain a Strong Relationship with the Community

Regular communication with key stakeholders, particularly annual members, IMAX pass holders, sponsors, donors, and government stakeholders was essential in 2020. Managing the expectations of each of these groups while meeting our obligations to each was a continuous challenge. At the end of the year,

relationships with key stakeholders remained strong. As one indicator, the number of individuals making philanthropic donations to the science centre in 2020 increased by close to 500% over 2019.

Maintain the Health and Integrity of the TWISE team

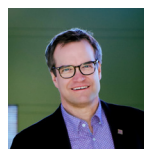
Our team's ability to work in new ways was made far simpler by previously introduced upgrades to the networking tools available to all staff. Our internal network, the fibre link to the outside internet, and the software solutions put in place all contributed to a relatively seamless shift to working from home. Many staff still had to come to the building to work and so careful safety protocols were introduced to keep staff protected.

The staff team was surveyed on several occasions to ensure they felt that staff safety was being appropriately addressed. On-line staff meetings were held every couple of weeks, and the team continued to work in the collaborative manner that is so important for what we do.

In summary, 2020 brought the true TWISE spirit to the forefront. The team never flagged in its commitment to serving our audience and in working together to make it happen. On behalf of the Board of Directors, Sharilee and I want to thank the entire staff for their amazing response to this crisis. The challenge has been complex and emotionally draining. The team has risen to the challenge and we are extremely proud and grateful.

We are looking forward to a return to normalcy and the day we can greet each of you in person. Take care.

Sincerely,



Alan Nursall

President and CEO

TELUS World of Science – Edmonton

Edmonton Space & Science Foundation



Sharilee Fossum

Board Chair

Edmonton Space & Science Foundation

MISSION

WHO WE ARE. WHAT WE DO.



IGNITE

Curiosity



INSPIRE

Discovery

CELEBRATE

Science



CHANGE

Lives



VISION

WHAT WE ASPIRE TO BE.

The destination to engage Albertans' hearts and minds in science.



ATTENDANCE

ANNUAL ATTENDANCE
(ON-SITE & VIRTUAL)

162,859

ANNUAL MEMBERS

29,490

MEMBER HOUSEHOLDS

8,543

NUMBER OF STUDENTS
(ON-SITE & VIRTUAL)

21,333

NUMBER OF SCHOOLS

288

SCHOOL PROGRAM ATTENDEES

27,099

OUTREACH AND VOLUNTEERS

OUTREACH PROGRAM
ATTENDANCE

6,485

OUTREACH
SCHOOLS

75

RURAL COMMUNITIES
SERVED

27

VOLUNTEER HOURS

2,975

VOLUNTEERS

179

IMPRESSIONS

WEBSITE SESSIONS

543,261

FACEBOOK LIKES

39,689

INSTAGRAM FOLLOWERS

19,980

TWITTER FOLLOWERS

8,794

TIKTOK VIEWS

6,548

SOCIAL MEDIA IMPRESSIONS
(ORGANIC & PAID)

13,809,319

DEVELOP AND IMPLEMENT NEW FORMS OF DELIVERY

January 2020 until March 2020 the science centre welcomed guests and Members to explore the *Marvel: Universe of Super Heroes* exhibition and other galleries; take in an IMAX film or a Zeidler Dome show; or enjoy the many in person school and camp programs. On March 13, 2020 in person visits were no longer an option and the science centre found new ways to engage the community in science.



"Science Experiments You Can Try at Home" videos emerged in April 2020.



More than a dozen "Kitchen Science with AI" videos were a hit on social media.



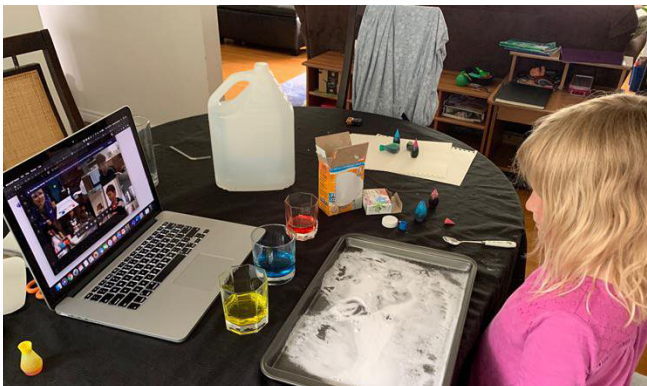
Forty-four weekly video episodes that lived on social media and on our website followed Staff Scientist Jen Gemell as she designed, built, and tested solutions to basic engineering questions. Maker Monday videos were sponsored by APEGA.



Nine “Science Behind the Situation” video programs of COVID-19 related interviews were launched on social media. Staff Scientists held discussions with local researchers, scientists and experts on vaccines, masks, statistical modeling, and more. Nobel Prize winner Dr. Michael Houghton was also interviewed.



Feeding Friday was an interactive Facebook Live event and was published for nine weeks with Lead Science Presenter Matthew Green. Matthew held fun ‘ask and answer’ sessions all about our Animal Ambassadors.



Children were excited to join us for Virtual Birthday Parties. They were piloted in September 2020 and have seen a rapid increase in bookings. Rainbow Science, Bakers vs Beakers, and School of Magic greeted up to ten children at a time to join in on the birthday and science celebrations.



Several interactive virtual programs were developed for our younger preschool audience. Four sessions of AstroTOTS and TriceraTOTS were sold out.



Science on Tap “Demystifying COVID-19 Vaccines” was held virtually on November 9. Panelists included: Dr. John Lewis, Dr. Joanne Lemieux, Dr. Robyn Harrison, and Dr. Christopher McCabe. Over 100 participants attended.



Science on Tap “Genetically Modified Food for Thought” was held virtually on December 8. More than 50 people participated in this lively discussion.



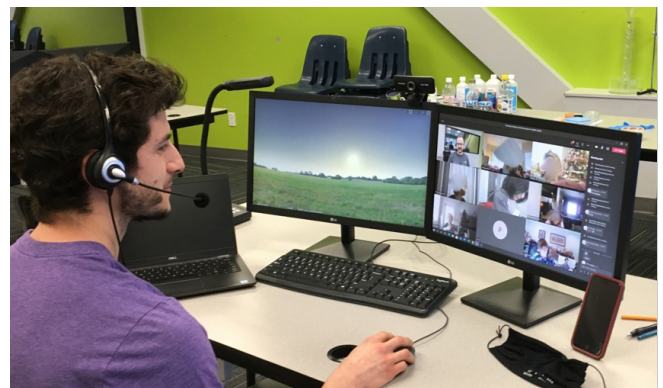
Pride in STEM week spotlighted on social media notable members of the LGBTQ+ Community who have made amazing contributions in STEM. A special event was also held virtually on November 19 with two local scientists Dr. Alison Criscitiello, Director of the Canadian Ice Core Lab, University of Alberta and Dr. Stephanie Chute-Ibsen, Graduate Student, University of Alberta.



The Nature Exchange began a virtual program with curriculum-based online scavenger hunts that teachers and parents could do with their students, while learning from home. Thousands of online submissions were received from communities across Alberta from April through December. The Grade 3 was the most popular hunt with 66 teacher requests alone.



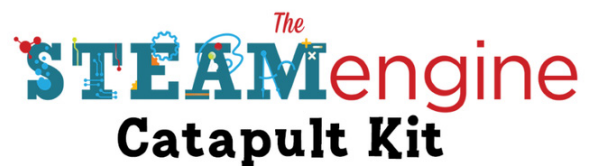
With help from TELUS, Summer Camps received a financial boost to produce virtual content. One thousand and forty-five campers experienced programs ranging from “Coding for Video Games” to “Greetings Earthlings”. Virtual program participants came from across Canada, as well as California, Wisconsin, New Jersey, Maryland, and even the Dominican Republic!



Several of our most popular school programs were transformed into engaging, hands-on, Virtual School Programs. In October the first programs were booked and by the end of 2020, over 1,800 students had been registered in programs.



The Gift Shop was officially rebranded as the Galaxy Gift Shop. We also opened an online Galaxy Gift Shop (GalaxyGiftShop.ca) experience in August of 2020.



The Galaxy Gift Shop features our very own in-house science kits (#TWOSEmade collection). These kits have been curated by staff scientists and feature some of our usual favourite onsite activities. These kits include a CuriousCITY Science Story Kit and a STEAMengine Catapult Kit.



On May 28, Zeidler Dome staff did a live virtual astronomy presentation with the students at amiskwacyi Academy. The event was a huge success and led the way to more online classroom instruction over the next few months.



“What’s Up YEG?” was a Facebook Live event on topical events in astronomy and space science. One of the events even included a live Canada Day rocket launch (in the rain).



We launched virtual IMAX films for viewing from home. We partnered with Giant Screen Films to offer seven of their most popular films. We also partnered with Big and Digital to offer the film “In Saturn’s Rings.”



In 2020 Science Fellowships were awarded to two individuals Dr. Lauren Guillette and Dr. Abram Hindle. Guillette is an Assistant Professor of Psychology at the University of Alberta’s Faculty of Science, whose research focuses on the broad interest in animal behaviour. Hindle is an Associate Professor in the Department of Computing Science at the University of Alberta, who researches software engineering.



Dr. Shawna Pandya is a scientist with many talents. She co-hosted and performed a variety of experiments during the 2020 LUMEN ‘Kitchen Party’ Fundraiser on October 16. Over 700 guests joined us online, we netted \$17,832 which will be used to fund educational programming and other operational needs.



On June 18, Alan Nursall, President & CEO, TELUS World of Science - Edmonton and Stacey Brotzel co-hosted our first Summer Family Fundraiser, presented by EPCOR. Pictured here, Alan and Stacy entertained our virtual guests by demonstrating how to make French fries quickly. Over 600 guests joined us online for an hour of science fun for the whole family. We netted \$15,472 which will be used to support the science centre.

BUILD AND MAINTAIN STRONG RELATIONSHIPS WITH THE COMMUNITY

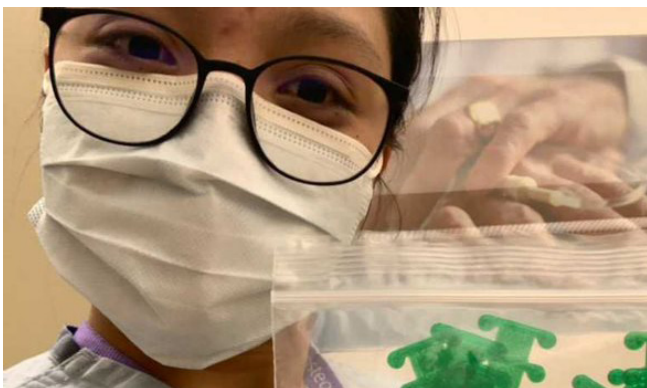
TELUS World of Science – Edmonton is at the heart of our community and in 2020 we demonstrated our commitment to keeping Albertans supported, engaged, and connected, in science and with the science centre. These and many other projects and initiatives kept us rooted in our community and reminded us of the strength that comes from working together.



Pre-COVID, The Edmonton Oil Kings, the University of Alberta and the science centre partnered for “Hockey Hookey Day” and “Science Fun Day”. These two days captivated hundreds of students and families through science demonstrations, brain teasers, and catapult challenges.



In 2020 Team Purple gathered multiple bags of warm winter clothes for the United Way’s Coats for Kids & Families program.



Our 3D printers created over 1,200 ear savers that were distributed to healthcare professionals in hospitals across Edmonton. This was one small way we could support our local frontline workers.



We created a #MakerMonday video segment in collaboration with the group “Makers Making Change.” This Neil Squire Society program connects makers to people with disabilities who need assistive technologies. Our video segment showcased the work of Makers Making Change and challenged our viewers to design an assistive technology of their own. The segment was promoted across North America.



We were honoured to receive the 2020 Alberta Museums Association Leadership Award for Education for our work supporting women and girls in STEM. This provincial award recognizes museums that facilitate a culture of inquiry by using innovative approaches to educational program development and delivery.



The creation of Virtual Summer Camps Powered by TELUS allowed us to keep youth in our communities engaged and connected through science. TELUS' support also funded 50 Summer Camp Scholarships including laptops and access to affordable internet.



TELUS World of Science – Edmonton was fortunate to receive the support of the EPCOR Heart + Soul Fund. This investment created two new production studios at the science centre with all the equipment we need to continue reaching our community through virtual school programs, clubs, and events.

MAINTAIN HEALTH OF THE SCIENCE CENTRE TEAM

EMPLOYEE HEALTH AND WELLNESS BECAME A STRATEGIC FOCUS IN 2020

Wellness, diversity, and inclusion are important for building a resilient organization and a vibrant workplace culture. We focused on moving this work forward in an authentic and strategic manner.

As a result of feedback from surveys, stakeholder engagement, and conversations, a wellness plan was developed for the organization. It is rooted in a holistic approach focusing on the employee, the context of the work, the home, and the organization's purpose.

Considering the ongoing pandemic we also developed and then continually improved all COVID policies for the organization. We followed Alberta Health Services protocols, as well as updates from Federal and Provincial levels of Government. All policies were then made readily available to employees. We were in constant communication with AHS to ensure we implemented the recommendations put forth.

MENTAL HEALTH WAS ALSO A STRONG FOCUS IN 2020

The science centre started implementing Mental Health Tuesdays where a variety of resources, like articles, TED talks, and mental health research are shared with staff. Staff at various levels throughout the organization were trained in First Aid Mental Health. This initiative helped build awareness and understanding so that we could identify and respond to staff mental health needs.

Upon our voluntary closure on November 28, we were able to maintain our staff team by pivoting the roles of our guest experiences staff. These team members have been taking on new responsibilities and building skills in everything from marketing and finance to donor relations and school programs.

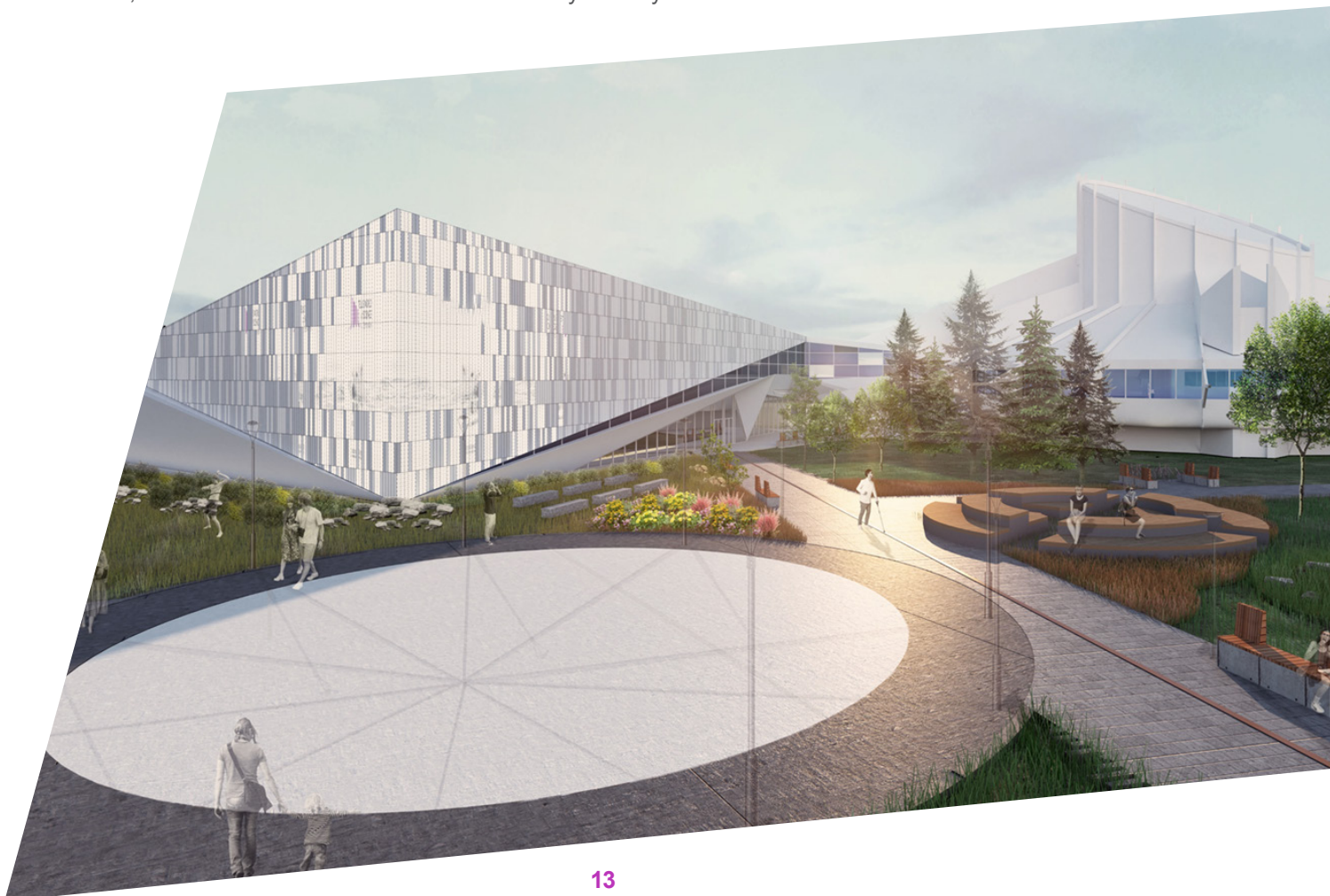
MAKE PROGRESS ON THE AURORA PROJECT

The Aurora Project is reimagining and redefining what a science centre can be through new galleries and innovative experiences. With \$40.5 million raised, and \$1 million to go, we are now looking to the community for donations that will build your new science centre.

The final phase of *The Aurora Project* continued in 2020 as we prepared to begin construction on the new *Health Zone* in the Allard Family Gallery as well as the 20,000 sq. ft. expansion and renovation of TELUS World of Science – Edmonton. Construction began in April ahead of schedule due to the closure of the science centre. This resulted in the rapid completion of a new temporary entrance and interior work prior to welcoming guests back in July 2020.

Phase 4C, the expansion and renovation of the science centre, continued through 2020 with our general contractor moving forward on the excavation of the grounds in the front of the building. Work included the redevelopment of part of our south parking lot and site preparation for the expansion structure. This represents the final phase of construction for *The Aurora Project* and a new era of science education in our region.

Once completed in 2021, guests will enjoy new spaces to explore, including a new entrance to an expanded lobby, a new gift shop, *Health Zone* in the Allard Family Gallery, and in 2022, *The Arctic Exhibition* in the Newell Family Gallery.





Because everything is within their reach! “The new *CuriousCITY* is a space where my kids feel safe to explore but also challenged to learn new things and choose their own adventure. *The Aurora Project* has changed our family and is so important because as my kids grow, so does their interest in science. The updated exhibits meet their growing excitement and intelligence. The innovative direction the science centre is moving right now is right in stride with the way families and individuals are evolving”

- Stephanie Lilley, Science Centre Member



Because Curious Minds Need Space to Explore! “My class loved experiencing two of the new galleries, *The Science Garage* and *The Nature Exchange* as a part of *The Aurora Project* renovations. You are giving children a once in a lifetime experience as you allow them to shine in a way I haven’t seen before. This is what the science centre’s Science School and *The Aurora Project* is doing and there is nothing like it.”

- Jill Fraser, Teacher



Because the sky isn’t her limit! “I thought I wasn’t ‘brainy’ enough for science. By joining TELUS World of Science – Edmonton’s Robotics Team my confidence grew, and I learned to code. The science centre completely redefined what science meant to me. I began to realize how much science was about creativity. This transformed my world and led me to where I am now as I begin my degree in the Faculty of Design. *The Aurora Project* opens so many people up to their future possibilities.”

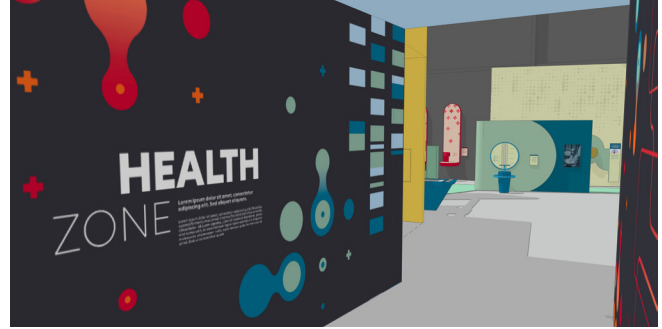
- Alexandra Bucknell, age 17, Student Lead for Science Centre Robotics Team



Eric and Kathy Newell were nominated for a National Philanthropy Day Award through the Association of Fundraising Professionals, Edmonton Chapter. This nomination was in recognition of their generous \$500,000 donation to *The Aurora Project*. In recognition of this gift and their long-term commitment towards strengthening the science centre and its mission, we will be creating the *Newell Family Gallery*. With their support the science centre is also co-creating science programming with Alberta’s Indigenous communities. The Newell Family is a key part of building the next era of science education in Edmonton!



On July 31, 2020 we officially broke ground on our 20,000 sq. ft. expansion. This represents the final phase of construction for *The Aurora Project* and a new era of science education in our region. On July 30 we commemorated this milestone with a Smudge Ceremony conducted by Elder Tony Arcand from Alexander First Nation to cleanse the construction site and set good intentions for the project. This ceremony was particularly important to better represent Indigenous Peoples at the science centre.



The development of our new *Health Zone*, a new and exciting permanent exhibit gallery, started in September. This brand-new offering will provide guests with the opportunity to learn more about their own health and health choices as they interact with a variety of exhibits. A new L.A.B. (Learning About Biology) will also be part of this gallery that is scheduled to open in 2021.



The expansion and renovation of the science centre continued through 2020 with our general contractor moving forward on the complete excavation of the grounds in the front of the building. Work included the redevelopment of part of our south parking lot and site preparation for the expansion structure.

ENSURE FINANCIAL STABILITY

The Edmonton Space & Science Foundation Statement of Financial Position


As at December 31

	<u>2020</u>	<u>2019</u>
Assets		
Current		
Cash and cash equivalents	\$ 10,932,419	\$ 8,099,523
Accounts receivable	423,454	252,991
Inventory	75,446	183,936
Prepaid expenses and deposits	<u>196,737</u>	<u>590,365</u>
	<u>11,628,056</u>	<u>9,126,815</u>
Investments	31,385	116,755
Capital assets	26,245,411	23,460,083
Intangible assets	<u>52,751</u>	<u>67,483</u>
	<u>\$ 37,957,603</u>	<u>\$ 32,771,136</u>
Liabilities		
Current		
Accounts payable and accrued liabilities	\$ 1,884,602	\$ 1,539,971
Deferred contributions	557,009	593,813
Deferred admissions	817,359	1,490,066
Deferred revenue	<u>108,000</u>	<u>250,000</u>
	<u>3,366,970</u>	<u>3,873,850</u>
Deferred capital contributions	<u>30,803,296</u>	<u>25,076,475</u>
	<u>34,170,266</u>	<u>28,950,325</u>
Net Assets		
Unrestricted	1,210,798	1,690,639
Internally restricted	<u>2,576,539</u>	<u>2,130,172</u>
	<u>3,787,337</u>	<u>3,820,811</u>
	<u>\$ 37,957,603</u>	<u>\$ 32,771,136</u>

Approved on behalf of the Board



Director



Director

**The Edmonton Space &
Science Foundation
Statement of Operations**

For the year ended December 31, 2020

	<u>2020</u>	<u>2019</u>
Revenues		
Operating grants	\$ 2,678,636	\$ 2,393,882
Admissions	2,458,133	7,934,277
Government assistance	1,953,057	-
Sponsorship and donations	991,077	1,139,431
Retail operations	715,773	2,275,437
Rentals, leases and other	<u>254,523</u>	<u>731,554</u>
	<u>9,051,199</u>	<u>14,474,581</u>
Expenditures		
Salaries and benefits	5,436,100	6,987,180
Operations	1,442,577	2,856,606
Royalties and film leases	610,412	995,261
Utilities	439,145	499,680
Retail operations	354,753	998,690
Advertising and promotion	<u>293,471</u>	<u>1,188,117</u>
	<u>8,576,458</u>	<u>13,525,534</u>
Excess of revenues over expenses before Aurora Campaign and amortization	<u>474,741</u>	<u>949,047</u>
Aurora Campaign		
Revenue	230,291	265,714
Expenditures	<u>(316,178)</u>	<u>(537,146)</u>
	<u>(85,887)</u>	<u>(271,432)</u>
Amortization		
Amortization of deferred capital contributions	2,283,582	2,145,736
Amortization of capital assets and intangible assets	<u>(2,705,910)</u>	<u>(2,711,761)</u>
	<u>(422,328)</u>	<u>(566,025)</u>
(Deficiency) excess of revenues over expenditures	<u>\$ (33,474)</u>	<u>\$ 111,590</u>

ANNUAL DONORS AND SPONSORS

Thank you for keeping science education alive in our community!

TELUS World of Science – Edmonton is grateful for the overwhelming generosity of individuals and businesses during this difficult year. In 2020, our community supported their science centre like never before with 540 first time donors and a total of 683 donors showing their support and keeping us connected to the community we serve. We also want to thank the numerous corporations that stepped up to support new virtual programs that helped us remain relevant to Edmonton and Northern Alberta.

Because of your support we provided opportunities for thousands of curious minds of all ages to build, test, and explore the world around them. As a charity, we could not have this level of impact without the support of our donors and sponsors. Thank you!

The Edmonton Space & Science Foundation gratefully acknowledges the support of the following individuals, foundations, and corporations, as well as public and private agencies that share our vision by supporting the Foundation and its programs.



\$100,000+



Eric & Kathy Newell

Natural Sciences and Engineering Research Council of Canada (NSERC)



\$50,000-\$99,999



\$25,000-\$49,999

Alberta Museums Association
The Association of Professional Engineers and Geoscientists of Alberta
Finning (Canada)
Imperial Oil Limited

Imperial Oil Limited
Jiffy Lube
Mercer Peace River Pulp Ltd.
Scotiabank
Travel Alberta
Werklund Foundation

\$10,000-\$24,999

MIC Medical Imaging
Pembina Pipeline Corporation
TD Bank Group
Pat Whittaker

\$5,000-\$9,999

Civic Service Union 52
Paul Deans
Go RVing Canada
RVDA Alberta

\$1,000-\$4,999

Steve & Tina Baker
Cathy Barton
Jennifer Bawden
Blue Water Group
Bunt & Associates
Engineering Ltd.
Charity 5050 Raffle Inc.
CHS Benefits Consulting
Group Inc.
Coalition of Edmonton Civic
Unions

Coca-Cola Canada Bottling
Limited
Yvonne Gagnon
E. (Ben) Hochhausen Family
Joan & Kevin Keough
Kinetic Living
Don & Lorna Kramer
Melcor Developments Ltd.
Microquest Inc.
Stephen Mihli

Alan Nursall
RJC Engineers
The Family of Shaun
Robinson 1939-2020
David Salloum
Constance & Michael
Scarlett
Stantec
Syncrude Canada Ltd.
Vantix Systems Inc.

\$500-\$999

Fraser Anderson
Cameron Barr
Michael Bowling
Dylan Brenneis
Bill Chomik
Joan Cowling
F45 Training Studio
(Riverbend)
Google
Hercs Nutrition - Edmonton/
Hercs Nutrition - St. Albert
In memory of DE Kramer
David Lu
Francesco Mannarino &
Vivianne Boisvert
Sharon-Marie & Tim Mavko
MEC
Lisa Miller & Farrel Shadlyn
QC
Nash Family
John Nursall
Sysco Edmonton
Kim Wheaton
Faith Wierenga

\$50-\$499

Barbara Abday
Trina Alain
Alison Altmiks
Maura Armstrong
Nazz Baksh
Carly Bernjak
Margaret Brown
Jason Carey
Shawna Caron
Arthur Chabot
Michael Chae
Darren Chivers
Tamara Chivers
Wendy Chivers
Valerie & Jon Coenen
Joseph & Marta Collier
Roy Collins
Jean Cooley
Mandy Cornwell
Nicole Craft
Donna Culham

Kailee Dahl
Robert de Guzman
Dr. Anne Marie Decore
Roger Delbaere
Steven Deleeuw
Aleksander Dimas-Lehndorf
Jason & Julia-Lin Ding
Krista Donlevy
Cathy & Serdar Dursun
Edible Arrangements
Shailen Elliott
David Gervais
Ted Gibbens
Ellen Goddard
Matthew, Tracy & Gabriella
Green
Jim Guloein
Greg Hadubiak
Helena Haile
Jill Hakes
Donna Harris

Scott Henderson
Carole Henson
Mariah Hermary
Corey Hill
LH LLP
Linda Ho
Ruth Hunter
Elvis Iginla
Allison Ingram
Heather Innes
Lisa Jensen
Matina Kalcounis-Rueppell
Khushaal Kalra
Evie Keaschuk
Rachel Keaschuk
Catherine Keill
Britt Kowalski
Judith Krajnak
Jessica Kresta
kubik maltbie
Pradeep Kulkarni

\$50-\$499 (continued)

Jennifer Kwan	Dan O'Neill & Janet Nichol	Cameron Shankland
Michael Latta	Isaac Otway	Michael Sharp
Michael Lawton	Guy Parkins	Kristina Sikora
Meghan Lee	Farhad & Aida Peerani	Anne-Marie Sopher
James & Carol-Ann Lewis	Donalda & Dan Pelton	Fia M. Stobbe
Ashley MacGregor	Jo-Ann Pethybridge	Sun Life Financial
Peter Mah	Cecile Phan	Darlene Sych
Kathy Malkin	Jennifer Pink	Meghan Tailor
Jessica Marion	Nicole & Brad Plouffe	Ian Taylor
Tara Martin	Tania Poulter	The Temple Family
Zainul Mawji	Neil Powter	Brittne Tink
Louise McConnell	Shauna Rae	Janice Tofsrud
Allyson McElwain	Crystal Ramirez	Adrian Van Os
Karen Mills	Stephen Reed	Paul Voyer
Nicole Mongrain	Melanie Rees	Elaine Warick
David Moore	Monica Roberts	Lenore Washuta
In memory of Marilyn Morrison	Rogers	Laurel Weinhandl
Sharon Morsink	Peter & Darcia Rolland	Crystal & Blair Willie
David Moulds	Izabella Roth	Phillip Wong
Joanne Norum	Jo-Anne Rudyk	Linda Youell
In memory of Mary Nursall	Kathy Salloum	Daryl & Julie Zelinski
	Michael Seneka	

Thank you to our anonymous donors as well as the 650 additional individual donors who gave less than \$50.



Every effort has been made to ensure this listing of donors is accurate. Please accept our apologies if your name has been inadvertently omitted or listed incorrectly. Please notify The Edmonton Space & Science Foundation so that we may correct our records.

AURORA PROJECT DONORS

During 2020, we gratefully received almost \$200,000 in donations from community members in support of *The Aurora Project* – bringing us even closer to the finish line. Thank you for your support! Every donor makes a difference and allows us to continue to inspire the limitless potential of our children and future generations to come.

GOVERNMENT PARTNERS



AURORA BOREALIS (\$1,000,000+)



POLARIS (\$500,000+)

The Newell Family



URSA MAJOR (\$100,000+)

2017-18 Edmonton Space & Science Foundation Board of Directors

- Kara Flynn, Chair*
- Sharilee Fossum, Vice-Chair/Treasurer*
- Liza Wold, Secretary*
- Jordan Hokanson, Past Chair*
- Lisa Austin*
- Jason Ding*
- Tim Fell*
- Richard Hughes*
- Aneela Hussainaly*
- Jennifer Kwan*
- Francesco Mannarino*
- Jonathan Schaeffer*
- Larry Schindel*
- Keith Shillington*
- Wanda Whitford*

- Canada Life
- Capital Power
- E. (Ben) & Mary Hochhausen Family
- Lorna & Don Kramer
- Servus Credit Union
- TD Bank Group



URSA MINOR (\$25,000+)

DIALOG

Doug Carlyle
Donna Clare
Dr. J. D. DiBattista
Consulting Ltd.
Grant Kidd Consulting Ltd.
Georg & Monika Josi
James Montgomery
Robert Swart

Butler Family Foundation
Edmonton Community
Foundation
Family of the late Dr. T. K.
Idicula
Alan Nursall & Jennifer Pink
Jackson & Tracy von der
Ohe
The Family of Carole and
Bart West

CASSIOPEIA (\$1,000+)

Barbara & Robin Abday and
Family
Dan Alfano
ATCO Electric
Steve Baker and Family
Cathy & Mark Barton
Carolyn Beeson
C-FER Techonologies
(1999) Inc.
Darren Chivers
Cate Collins
Joan Cowling
Paul Deans, in memory of
Pat Price
Roger Delbaere & Lynette
Husum
Ron & Karin Dowling
Sithara Fernando
Marty and Kim Forbes
Sharilee Fossum
Frank Florian and Family
Greg & Heidi Hadubiak
Douglas & Joan Hube
Dillan Huggins & Corey
Norgren
Imran & Aneela Hussainaly
Christian Idicula & Salima
Ebrahim
Joan & Kevin Keough
Heather & Wade Klimchuk

Teresa Krukoff
Sharon-Marie & Tim Mavko
Melton Foundation
Nash Family
J. Ralph Nursall
Nils & Pat Petersen
Annie Prud'homme-
Généreux
RASC Edmonton Centre
David Salloum
The Scarlett Family
Sandy & Gail Slator
Fia M. Stobbe
Neil & Merle Taylor
TELUS
Sarah & Cory Rianson
The Walls
Carole & Bart West
The Westbury Family
Pat Whittaker
Kirk & Megan Zembal

DRACO (\$10,000+)

Ken & Amy Bautista
Doug & Wendy Elkow
John & Irene McDougall

Lisa Miller
& Farrel Shadlyn Q.C.
G. D. "Bud" Salloum

CEPHEUS (\$100+)

Shelly Bull
Charles Burnett
Don & Marilyn Byers
Yasin Cetin
Barrie Chivers
William Cook
Shannon Cory
Stuart Cowen
Robert de Guzman
Drew Delbaere
Lijun Deng
Ardith & Davis Edwards
Trevor Friesen
David Gervais
Frank Gibson
Alexandra Hatcher
Louise Hayes
Carole Henson
Dr. Sam Hillier
In Memory of Peter Burns
Scott Johnson
Matina Kalcounis-Rueppell
Jackie Lee
Clifton Lofthaug
Sally Lore
Annie & Greg McKittrick
W. Irl Miller

Melissa Mrzljak
Erin Mulcair & Igor
Kornatsky
George Niu
Fred Otto
Donalda & Dan Pelton
Louise Perkins
Morley & Doris Pinkoski
Neil Powter
Mirabelle Prémont-Schwarz
Matthew Remley
Ian Robertson
Daniel Rojek
Dr. Rhonda Rosychuk
Robert Sabulka
Kathy Salloum
Michael Sharp
Devika & Doug Short
Andrew Simmonds
Rebecca Small
Don & Sandra Sprague
Kurian Tharakan
Brittne Tink
Tomalik Family
Volinsky Family
Larry & Rosa Wang
Daryl & Julie Zelinski

Thank you to our anonymous donors as well as the additional 45 donors that gave to The Aurora Project at the \$20-\$99 donor level.

2020 BE A STAR PROGRAM DONORS

A unique fundraising program where the public is invited to designate stars valued from \$50 to \$15,000 to support the programs and operations of TELUS World of Science.

Stars Designated in 2020 = **213**

Total Donations in 2020 = **\$25,198**

Barbara Abday	Phyllis Chmiliar	Gloria Ho	Teagan Kaup
Darlene Addington	Rachel Clarke	Rhonda Hoffman	Jaime Kaye
Mike & Tera Ainsworth	Rina Cooper	Sarah Howatt	Jacqueline Kohn
Jessica Albrecht	Tina Copp	Julia Howe	Brent Komarnicki
Michelle Anderson-Draper	Didier & Marlene Coppens	Gail Humeny	Christine Krehut
Anonymous	Paola De Luca	Kelly Hunt	Leah Kres
Bill, Donna & Dale Baker	Amelia Dennis	Jim & Joanne Hunter	Jill Kuny
Margo & Arthur Baptista	Ellen Desnoyers	Kristie Hunwick	Chloe Lamarre
Michael Bautista	Steven Dragicevic	Hutchison Law	Amanda Lanctot
Lee Beamish	Lynn & Fay Drechsel	Lance Hyndman	Sherri Larson-Ashworth
Margaret Beaton	Jodi Edworthy	Daniela Isaac	Dale Lashley
Lisa Beier	Krista Emsley	Suvane Ivey	Jayvin Law
Amy Bentley-Richard	Amanda Engstrom	Barbara Jackson	Jennifer Lee
Rebecca Blouin	Peggy Fedoruk	Aylene Jago	Tracy Leite
Alexander Bonanni	Field Law	Lorianne A. Johnson	Susanne Lesniak Walton
Boys & Girls Clubs Big Brothers Big Sisters	Denis Filion	Laura M. Johnston	Wendy Lester
Angel Brasok	Kimberley & Emily Fischbach	Crystal Jones	Colleen Liber
Bricker, Rebecca & Trevor	Marielle Flett	Kylee Kambietz	Kelton Libich
Amanda Brown	Kenneth Fortier		
Corrine Brown	Samantha Fraser		
Hugh Brown	Ida-May Frischke		
Jacqui Buchanan	Jay Garcia		
Kathryn Buchkowski	Eleesha Gatti		
Chris & Mel Buerger	Ted Gibbens		
Keith Bystervel	Don & Cory Grieg		
Keri Callihoo	Colleen Hall		
Darlene Carter	Heather Hanson		
Emily Chan	Joanne Harle		
Marlene Charest	Kathy Harvey		
Tracy Charles	Chelsea Hawrelak		
Brit Chase	Carole Henson		
Chriss Chick	Rhonda Herbst		
Sarah Chipperfield	Glenda Hinse		



Marilyn Lorenz	Laurette Setterlund
Heidi Maas	Angela Shepherd
Allan Macdonald	Rick Showers
Don & Diana MacFarlane	Tara Singleton
Irene M. Maj	Holly Sipos
Stan & Jenny Major	Mohammad Sliman
Katrina Mastronardi	Dale & Diane Smith
Dorothea Matter	Hillary Smith
Eileen Matthews	Spruce Grove and Stony
Allison McCollum	Plain Addictions and Mental
May Michaud	Health Team
Susan Mitchell	Michelle Stenecker
Nathen Moolyk	Jason Stewart
Derek Morin	Alycia Stiebritz
Jimmy Morrison	Sean Talaber
Chris Murray	TELUS World of Science -
Lesley Mutschke	Edmonton
Erin Neil	Kevin & Cathy Thornton
Melissa Nichol	Lily Tomanek
Sarah Nicholson	Tracey A. Topping
Tina-Marie Olekshy	UAH Dietitians
Mary On	Xavier Videla
Jackie Orr	Simon Vu
Caroline O'Shea	Leanne Wallace
Paolo & Laurel Padovani	Ashley Walsh
Jamie & Karen Pallett	Susan Wegner
Michelle & Brian Pawl	Mildred White
Siobhan Peck	Elaine Whiteneck
Ashley Petryshyn	Kevin & Kathy Whitham
Maureen Petty	Kelly Willis
Joanne Picard	Sharry Winick
Nicole & Brad Plouffe	Linda Withers
Wendy Prud'homme	Marie Elaine Wowchuk
Angela & Robert Puff	Leigh, Vicky & Jude Wright
Peter Ratcliff	Elmer Zander
Rubyann Rice	Daryl & Julie Zelinski
Monica Roberts	Oksanna Zwarych
Charlene Robins	Terry Zwarych
Paul & Charlene Robins	
Jill Roppelt	
Holly Ruryk	
Heidi Schulz	
Jan Serben	



Every effort has been made to ensure this listing of donors is accurate. Please accept our apologies if your name has been inadvertently omitted or listed incorrectly. Please notify The Edmonton Space & Science Foundation so that we may correct our records.

FUNDS & ENDOWMENTS

The Edmonton Space & Science Foundation is grateful for the visionary donors who have established the following funds to support our mission to ignite curiosity, inspire discovery, celebrate science, and change lives. These funds provide for the long-term sustainability of the organization and the Foundation encourages donors to make ongoing contributions to these funds.



VEGA SCHOLARSHIP

Fund Value = **\$89,054**

The VEGA Scholarship Program was established in 1987 through the generous support of Helen Tkachenko. This fund sponsors elementary school-aged children to attend science camps, clubs, and school programs. In 2020, 37 children received funds to participate in Virtual Summer Camps.



LES YOUNG FUND FOR SCIENCE EDUCATION

Fund Value = **\$21,240**

In 1999 The Edmonton Space & Science Foundation established the Les Young Fund for Science Education. It was dedicated as a permanent fund legacy in memory of his outstanding dedication and leadership. The fund provides opportunities for the development of unique and innovative programs to inspire, motivate and challenge students.



SEEDS OF SCIENCE ENDOWMENT FUND

Fund Value = **\$14,216**

This fund, managed by the Edmonton Community Foundation, was established in 2015 by John and Avery Stobbe. The revenues support the ongoing operations and programming at TELUS World of Science.



TWOSE COMMUNITY FUND

Fund Value = **\$5,604**

This fund provides complimentary admission to the science centre for marginalized Edmontonians in order to reduce barriers to participation.



ACCESS FUND

Fund Value = **\$21,183**

This fund removes barriers for low-income schools to attend science centre programs including bussing, program registration, and other supports as required.

FEATURE EXHIBITION SPONSORS

Thank you to our generous corporate and community supporters who made our virtual programs, IMAX films, exhibitions, and special events possible for all our guests. Your continued support during the pandemic is invaluable and has allowed us to create innovative virtual programs that have inspired and engaged thousands of students in our community.



THE SCIENCE OF RIPLEY'S BELIEVE IT OR NOT!

Presented by Jiffy Lube
Supported by MIC Medical Imaging

IMAX® SPONSORS



AUSTRALIA'S GREAT WILD NORTH

Supported by GoRving Canada and RVDA Alberta



OUT OF BOUNDS

Presented by EPCOR

OTHER SPONSORS

SCHOOL PROGRAMS

Supported by:
EPCOR
Scotiabank
Pembina Pipeline Corporation

#MAKERMONDAYS

Presented by The Association of Professional Engineers and Geoscientists of Alberta (APEGA)

VIRTUAL SUMMER CAMPS

Powered by TELUS

SCIENCE IN MOTION

Supported by:
ALPAC
Cenovus Energy Inc.
Chevron Canada Limited
Dow Canada
Finning Canada
Mercer Peace River Pulp Ltd.
Werklund Foundation

DARK MATTERS

Supported by:
Edible Arrangements
F45 Training Studio Riverbend
HerCs Nutrition

TRAILS IN MOTION 8 FILM FESTIVAL

Presented locally by MEC

INTERNATIONAL DAY OF WOMEN AND GIRLS IN SCIENCE

Supported by:
Government of Alberta
The Association of Professional Engineers and Geoscientists
Bunt & Associates Engineering Ltd.
Microquest Inc.
RJC Engineers
Stantec

WHAT ARE PEOPLE SAYING

"I appreciate all that you are doing in regard to this current situation that we are in. You are handling things in the best way possible and bending backwards for us pass holders! Keep up the amazing work!"

Rebecca Harrison

"This will be the first year that I won't be seeing the Christmas laser light show at @TWoSEdm I'm sad but also know that next year will be amazing when I get to go again #lovescience #yeg"

Brian Croft – Twitter

"Thank you! We will continue to be members at the Edmonton Space and Science centre for as long as we can. I have loved the place since it opened. Count on my family for continued support!"

Will – Twitter

"Your decision is very thoughtful for your patrons and staff for their health and wellness. Looking forward to re-opening day so all involved can enjoy their personal and professional experiences for "kids" of all ages."

Don Zabloski

"Just registered the oldest (6-year-old) for @TWoSEdm summer camp. Thank you for going virtual! We had talked about camp before the world went upside down & we thought he would not get the opportunity. See you (virtually) in July! #yeg #twos #science #camp #backyardfun"

VacationWishing – Twitter

"Callum loved his birthday party, and the other parents gave feedback that their kids did as well. I think it was perfect for this group. It was really nice of you to leave teams open for them to just hang out afterward too. They haven't seen very much of each other socially during the pandemic and have really missed that. It was so nice for them to just be able to chat. The kids loved it. Thanks again!"

"My school is an inner-city school and it allowed them to actually observe the animals in their environment (most of which would not have noticed the animals if it weren't for this scavenger hunt)."

"I didn't realize how much my child was feeling the effects of isolation until I saw the difference this camp made. Her instructors were engaging and managed the camp well. She interacted with kids that were interested in the same things she was - which made all the difference. My child was excited to go to camp every morning, she was racing around the house and backyard laughing as she completed all the activities, and she was eager to tell all her family members about what she learned. Thank you!"

"I'm Kieran's mom from your 9 am group. I want to say thank you for a wonderful camp experience for Kieran this week. Due to a work mix up my husband and I were not able to help most of the week and he was managing solo with our babysitter. He was so proud to do the camp on his own and was sending me pictures at work of his robot. We will definitely be looking to do more camps this summer. He was really happy and excited to get up every morning this week!"

"Our school will be booking more virtual field trips! I was very impressed with how it went and how much the kids enjoyed it and learned from it!"

Anonymous

"All the people here at Amiskwacy Academy would like to thank you for the wonderful and awe-inspiring presentation and live stream we had with you this afternoon. Frank and Joel did an amazing job in transferring their knowledge and enthusiasm about astronomy to our students and it was a thoroughly engaging and fun experience for everyone involved. Thank you so much for taking the time out of your day and earlier this week so that we could put this together for our kids."

LEADERSHIP

2020 BOARD OF DIRECTORS

Sharilee Fossum, Board Chair	Kushaal Kalra
Frank Mannarino, Vice Chair	Dr. Matina Kalcounis-Rueppell
David Gantar, Treasurer	Kevin Keough
Anna Cuglietta, Board Secretary	Jennifer Kwan
Mark Agnew	Karen Mills
Jackie Beattie	Ken Nichols
Jason Ding	Michael Sharp
Tim Fell	Wanda Whitford

FINANCE & AUDIT COMMITTEE

David Gantar, Chair	Sharilee Fossum, Ex Officio
Jackie Beattie	Karen Mills
Jason Ding	

AURORA PROJECT COMMITTEE

Frank Mannarino, Chair	Ken Nichols
Mark Agnew	Dr. Matina Kalcounis-Rueppell
Tim Fell	Wanda Whitford
Sharilee Fossum, Ex Officio	

GOVERNANCE COMMITTEE

Anna Cuglietta, Chair	Khushaal Kalra
Sharilee Fossum	Jennifer Kwan
Kevin Keough	Michael Sharp

COUNCIL OF GOVERNORS

Sol Rolingher, Chair	J.D. Hole
Kerry Day	Sandy Slator
Kara Flynn	Gord Syme
Sharilee Fossum, Ex Officio	Merle Taylor
Luther Haave	Jackson von der Ohe
Jordan Hokanson	

AURORA CAMPAIGN CABINET

Ken Bautista	David Hopkins
Josh Classen	Christian Idicula, Chair
Catherine Keill, Special Advisor	Izabella Roth
Louise Hayes	Tom Ruth
J. D. Hole, Honorary Chair	Robert Westbury, Special Advisor



2020 SENIOR LEADERSHIP TEAM

Alan Nursall, President & CEO	Sara Mikhael, Director Finance & IT (on leave)
Maura Armstrong, Director, Education (on leave)	Hilary Nash, Senior Manager, Business Development
Andrea Brickwood, Director, Education	Ursula Pattloch, Director, Marketing & Communications
Steve Baker, Director, New Initiatives & Building Operations	Monica Roberts, Director, Science Experience
Cathy Barton, Executive Assistant to the President & CEO	Constance Scarlett, Director, Government & Community Relations
Brianne Gagnon, Senior Manager, People & Culture	
Scott Henderson, Director, Finance and IT	



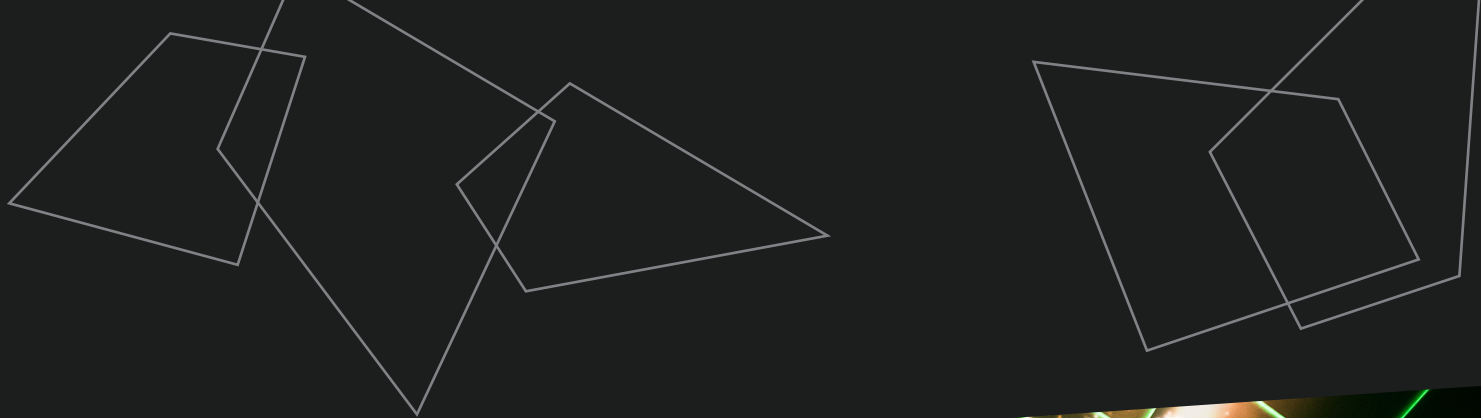
2020 THE EDMONTON SPACE & SCIENCE FOUNDATION

Lynn Adams
Mohamed Ally
Scott Arndt
Ken Bautista
Sue Bohaichuk
Tim Boston
Rick Brommeland
Bill Byrne
Josh Classen
Joan Cowling
Emerson Csorba
Kerry Day
Robert de Guzman
Karyn Decore
Eliza Encenaral

Andrew Ference
Kara Flynn
Frank Gibson
Luther Haave
Greg Hadubiak
Ryan Heit
Denise Hemmings
Ben Hochhausen
Jordan Hokanson
J. D. Hole
Christian Idicula
Barry James
Donald Kramer
Franklin Loehde
Rod Mc Connell

Bruce McCurdy
John McDougall
Lisa Miller
Stephanie Minnema
Sharon Morsink
Eric Newell
Slader Oviatt
Farhad Peerani
Nils Petersen
Ken Pilip
Rick Prentice
Aaida Rajabali
Cameron Raynor
Julia Redl
Sol Rolinger, Q.C.

David Salloum
Johnathan Schaeffer
Larry Schindel
Sandy Slator
Heather Stewart
John Stobbe
Gord Syme
Gregory Taylor
Merle Taylor
Jackson von der Ohe
Larry Wang
Robert Westbury
Pat Whittaker
Karen Wichuk



11211 142 STREET
EDMONTON, ALBERTA
T5M 4A1

telusworldofscienceedmonton.ca