

**IT'S TIME FOR
CLIMATE
ACTION**



ACKNOWLEDGEMENTS

Discovery Centre is proudly located in Mi'kma'ki, the ancestral and unceded territory of the Mi'kmaq People. With respect and appreciation, we honour generations of traditions and teachings about the world we live in today.

We also recognize the contributions of the African Nova Scotian community who have shared these lands for over 400 years.



VISION

The vision of Discovery Centre is to advance science literacy and evidence-based decision making in Atlantic Canada while inspiring a sustainable and innovative culture.



MISSION

The mission of Discovery Centre is to bring STEAM to life through fun and interactive learning experiences. We are committed to leveraging our people, facility, and programming to create an inclusive environment that ignites a passion for science and discovery.

CORE VALUES



Excellence

Strive for service and content excellence that sets us apart from competitors. Be recognized as a one-of-a-kind, state-of-the-art leader in our industry, with impactful touchpoints for our key audiences.



Diversity

Ensure our spaces and outreach programming are accessible and representative of all abilities, incomes, languages, ethnic backgrounds, identities, genders, and geographic locations.



Collaboration

Engage, include, and listen to diverse communities who bring perspectives that enrich our offerings and experiences. Collaborate with key stakeholders who invest in Discovery Centre's brand and mission, such as universities, colleges, our research community, science centres, other local NGO & NFPs, all levels of government, industries, and donors.



Innovation

Inspire creative thinking in problem solving. Demonstrate the successful steps to fostering and implementing new ideas. Showcase by example with the latest in science and technology.

GREETINGS



In 2021 as provincial restrictions eased, our doors re-opened safely to visitors. Our staff proudly welcomed guests to one of the safest environments for in-person play and educational development.

We got back to schools with our award-winning educational programs but stayed mindful of hesitations by continuing our sought-after virtual programming for schools, including those as far away as the Northwest Territories, Nunavut, Alberta, and Northern Ontario. Our virtual programming made us a trusted community resource for visitors and educators alike. Although Discovery Centre has successfully proven its ability to adapt and overcome over the past two years, it was still a thrill to get back in person and make meaningful connections in the Centre, and across the province.

Even in the midst of a global pandemic, Discovery Centre continues to set the bar as a champion in science. Leading a national four-year climate change initiative called *GenAction* is just one of the significant projects we are championing. In our 2021-2022 Annual Report, you will also hear about our progress with *Why Immunize?* - which is still evolving at a critical time for our province, our Dome Theatre upgrades that now offer more inclusive and visual programming, our featured exhibits, and our award-winning educational programs.

A special thank you to our Federal, Provincial, and Municipal governments, donors, and sponsors recognized in this annual report. This support enabled the Centre to prioritize building *Why Immunize?* resources with diverse perspectives. Support also helped to begin work on our *Trusted Voices* initiative with co-created educational resources to increase COVID-19 vaccine acceptance and uptake among marginalized Nova Scotian communities. Funding also helped kick-start the national *GenAction* initiative in partnership with the Government of Canada.

A big thanks to Nova Scotia's Department of Education and Early Childhood Development (EECD), for supporting programs like *Driving Discovery* and *Discovery@School*. Together we created video-based learning resources, with accompanying teachers' guides, and hands-on activities to help teachers navigate the inclusion of new skills in the renewed Nova Scotia curriculum.

Special thanks to this year's retiring board members including Cary Kaplan, Christine Christensen, Pamela Scott Crace, James Robar and Kristin Williams. We also want to extend a huge thank you to our board, staff, and all of Discovery Centre's supporters. Thank you for believing in our mission to bring STEAM (Science, Technology, Engineering, Arts & Math) education to youth across the province and beyond.

Colin Dodds
Chair

Dov Bercovici
President & CEO

INTRODUCTION

IT'S TIME FOR CLIMATE ACTION

The theme of the 2021-2022 Annual Report is CLIMATE ACTION. Climate Change has certainly emerged as a critical issue and youth are stepping up to be part of the solution. This year, Discovery Centre embraced its role to shed further light on the science behind climate change and what we can do together to build a more sustainable future for our planet.

Climate change is at the forefront of news, government policy, industry practices, and community discussions. We are witnessing the rise of global temperatures and the impacts they are having regionally and nationally. Forest fires, floods, and droughts are just a few examples of the effects climate change has had here in Nova Scotia. As a leader in science and innovation, Discovery Centre has a role to educate Nova Scotian families on how to combat climate change now, and into the future. What can we do to make a difference and slow the impacts of greenhouse gases and global emissions?

TAKE ACTION!



Engaging our next generation of policymakers in the science behind climate change, and equipping youth with the knowledge and resources to take action will transform the future of our planet. Discovery Centre has made a concerted effort to make climate change a priority in our exhibits and galleries, educational programming, and outreach initiatives. Our team has taken action to highlight the science behind climate change, by creating programming around our Divert NS Ocean Action Zone that teaches visitors about our waterways, ocean acidification, erosion, and waste. Our Dome Theatre live-programming touches on weather patterns and the rise of sea levels due to climate change. And most recently, Discovery Centre has been leading a national initiative coined, GenAction, to bring climate change education into science centres and communities across Canada.

Discovery Centre has replaced climate "change" with climate "action", as we continue to inspire youth and communities through STEAM education to make a difference now and into the future.





As part of the \$37.8 million *Climate Action and Awareness Fund*, the Government of Canada invested \$6 million toward a youth-focused climate change project, coined *GenAction*.

Led by Discovery Centre, *GenAction* programming aims to reach 200,000 kindergarten to grade twelve youth and 5,200 Indigenous youth, nationally, inspiring them to take climate action.



6 MILLION
Investment



29
Science
Centres



5,200
Indigenous
Youth Targeted



200,000
Youth Targeted



Discovery Centre led the naming and branding of *GenAction*. The bold brand is a fun, action-oriented, comic book style that resonates with all audiences. Its impact will inspire youth to become climate superheroes now and into the future. The branding was transformed into a toolkit that provides *GenAction* messaging and graphics to unite science centres through a national campaign.

In the winter, Discovery Centre helped lead the selection of twenty-eight other science centres across Canada, who will use the funds to create and deliver *GenAction* climate change engagement programs in their region. Programming includes camps, outreach initiatives, and school workshops. Discovery Centre is currently offering seven school-based *GenAction* workshops that are a mix of *Science on the Road*, *Science in the Centre* and *Virtual Workshops*, and developed climate action camps for summer 2022.

Discovery Centre hired a team to facilitate climate-focused programming and lead the development of bilingual climate research guides as part of the *GenAction* initiative. These Science Spotlights will become a library of thirty plus accessible resources for educators, contributed by the twenty-six science centres.

As of March 31, 2022, three community programs have been delivered with Discovery Centre partners:

- *Greenhouse Effect Bottle Biosphere* outreach workshop, partnership with Mi'kmaw Native Friendship Centre
- *(Re)Construire Durablement* outreach workshop, partnership with Alliance Francaise and Conseil scolaire acadien provincial
- *Aliens in our Ecosystem* outreach workshop for Atlantic and Indigenous Youth Forums, partnership with Learning for a Sustainable Future



We are proud to support the Discovery Centre, this local organization is a proven leader in creating innovative, science-based opportunities for youth.

Seeing the impacts they have made in our city, I strongly believe that they, along with their partner organizations, have the ability to reach thousands of young people from coast to coast to coast.

—ANDY FILLMORE,
MEMBER OF PARLIAMENT,
HALIFAX

Partners



Supported by Government of Canada



PARTICIPATING SCIENCE CENTRES



DISCOVER our Climate

In partnership with MEOPAR, Discovery Centre is preparing to launch bilingual climate-related research features for educators in 2022. The research features will serve as additional resources for teachers in classrooms.

Sixteen features will live on Discovery Centre's website, and their topics have been selected based on their impact and relevance to Atlantic Canada, our coasts, and rural and Indigenous communities.

Discover our Climate is supported by Trottier Family Foundation and Intact Foundation.



Why? Immunize

Give Science a Shot

In 2019, The World Health Organization named vaccine hesitancy as one of the top 10 global threats to health.

This, along with a global pandemic and the prevalence of fake news, gave rise to the "Why Immunize?" initiative. In 2020 the focus of *Why Immunize?* was to develop a website that provides educators and families with access to free, bilingual resources to make immunology and vaccinology fun, engaging, and accessible.

Diverse Perspectives

Over the past year, Discovery Centre has been working on expanding *Why Immunize?* resources with the perspectives of indigenous and marginalised communities and support from the Natural Sciences and Engineering Research Council. Dr. Bernie Francis, Mi'kmaw Linguist, worked with Discovery Centre to create two videos, in the Mi'kmaw language, that discuss the importance of vaccines in fighting COVID-19 and protecting communities and elders. *Why Immunize?* continues to expand its resources, collaborating with Mi'kmaw Kina'matnewey schools and local communities.



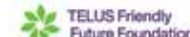
WATCH VIDEO
Bernie Francis, Mi'kmaw Linguist:
Fighting COVID-19 on Behalf of Our People

Game On!

Discovery Centre is working with Media Mechanics to develop an exciting web-based game experience that will engage up to one million children and youth across Canada, in and out of the classroom, on the science of vaccines and why they are so important to our health. This initiative was made possible through an Educational Grant by Pfizer Canada Inc. We would also like to thank Telus Friendly Future Foundation for their financial support to bring this free, innovative experience to reality. The game is set to launch in 2023.

Why Immunize? was developed in partnership with Nova Scotia Health and made possible by the Public Health Agency of Canada, the Telus Friendly Future Foundation, and the SM Blair Family Foundation.

Supported by:



DISCOVERY CENTRE



This past year, Public Health had the opportunity to partner with Discovery Centre on a program called 'Why Immunize? Give Science a Shot' pre-pandemic.

The initiative was born to help provide education on immunizations, like the annual flu shot and MMR vaccine, delivering engaging and educational resources for all age groups.

– DR. ROBERT STRANG,
CHIEF MEDICAL OFFICER
OF NOVA SCOTIA



DOME THEATRE



During the closure with provincial restrictions, Atlantic Canada's only Dome Theatre was upgraded to Digistar 7's advanced operating system, which provides Discovery Centre's visitors with the ultimate 360 digital experience. Its screen now displays 4K laser projection, allowing for higher depth and quality films.

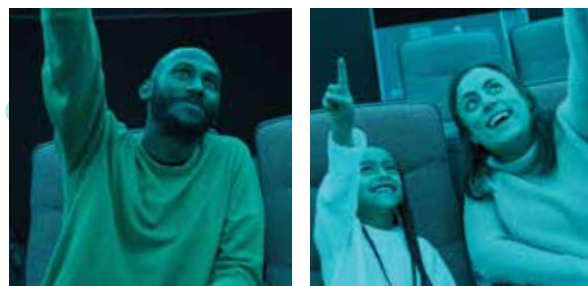
Since January 2022, Discovery Centre has welcomed more than 4,000 visitors back to the Dome Theatre to experience new Dome Films and Live Star Shows that explore the curiosities of our planet and beyond. New to the film repertoire are *Beyond the Sun*, *Amazon Adventure* and the award-winning *Backyard Wilderness*, which explores nature and science in our backyards through stunning imagery that captivates audiences. New films will be introduced in the Dome Theatre on a quarterly basis to keep visitors coming back for more.

Discovery Centre now also offers bilingual films and live star shows, creating a more inclusive experience for our French speaking visitors and school groups.

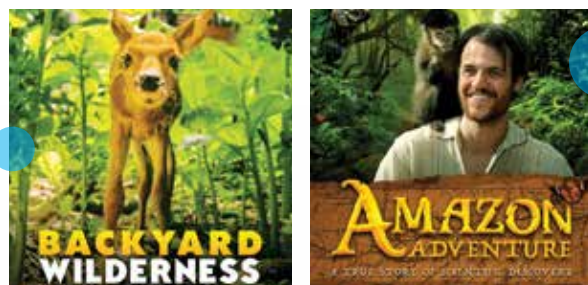
New Exterior



New Memories



New Films



FEATURED EXHIBITS



Amazing Butterflies

June 17, 2021 – September 5, 2021

Discovery Centre was all a flutter!

Amazing Butterflies flew in for summer 2021 from Minotaur Mazes, a Seattle-based, worldwide travelling exhibitions company. The exhibit provided a low-touch, interactive maze for visitors to explore the mysterious lifecycle from caterpillar to butterfly, identify different butterfly species, learn about their unique survival challenges, and discover how a caterpillar transforms and grows wings.

Discovery Centre's exhibits crew also installed a beautiful butterfly garden in our front entrance, filled with plants and habitats our flying friends will love every year.

Amazing Butterflies surprised summer visitors with its many twists and turns, and educational games before it migrated to its next adventure. It was the perfect exhibit to ease visitors back into Discovery Centre during the loosening of provincial COVID-19 restrictions.

BEYOND HUMAN LIMITS: EXTREME SPORTS

October 2, 2021 – April 17, 2022

Get up. Try again. Push further.

Developed in partnership with the Ontario Science Centre and Science North, *Beyond Human Limits: Extreme Sports* took visitors inside the minds and bodies of extreme athletes to explore the psychology, physiology, and physicality of some of the most extreme activities in the world. The high-energy exhibition had visitors experience the thrill of extreme sports through exciting, interactive exhibits and immersive environments.

The exhibit included a giant rock-climbing wall, virtual ski slopes, and a parkour course, making it a challenge for all ages to enjoy.



WATCH VIDEO
Beyond Human Limits
on Global News

supported by:
Canada

DISCOVERY CENTRE



DEVELOPED AND PRODUCED BY
SCIENCE NORTH SCIENCE NORD

IN PARTNERSHIP WITH
ONTARIO SCIENCE CENTRE

19TH ANNUAL DISCOVERY AWARDS

The 2021 Discovery Awards for Science and Technology, held virtually on November 24th, celebrated trailblazers in six categories who are making waves across Nova Scotia and internationally! In its 19th year, attendees joined together for a virtual Discovery Awards celebration to honour the finalists and recipients in four prestigious categories, introduce a new inductee to the Science Hall of Fame, and recognize this year's inspiring Youth Award recipient.

To highlight our local science community which has been contributing to vital testing science and vaccinology for COVID-19, and to recognize the global achievements of our province, we were delighted to welcome The Honourable Tim Houston, Premier of Nova Scotia, and Dr. Robert Strang, Chief Medical Officer of Nova Scotia. Their kind words left all nominees, recipients, and attendees further grateful of the leadership of our province during the pandemic.

The 2021 Discovery Awards was co-presented by Dalhousie University and Saint Mary's University in support of Discovery Centre.

The 2021 award recipients include:

Hall of Fame Inductee:



Dr. Noni MacDonald

Youth Award:



Silas Eastwood

Professional of Distinction:



Dr. Gail Tomblin Murphy

Innovation:



Dr. Rita Orji



Maskwioamin

Science Champion:



Dr. Lisa Barrett



The Discovery Awards are an important reminder of the incredible science and technology sectors we have in Nova Scotia, and the inspiring innovators, researchers, and scientists, locally, who have gained our Province international recognition. This year, in particular, reinforced Nova Scotia's leadership in this sector, as we led Nova Scotians through the COVID-19 pandemic..."

– THE HONOURABLE
TIM HOUSTON,
PREMIER OF NOVA SCOTIA

Presenting Sponsors

Proudly co-presented by



Award Sponsors

researchNS



Media Sponsor



Science Challenge Sponsor



Discovery Demo Sponsor



Champion Sponsors



Friend



EDUCATIONAL PROGRAMMING

Driving Discovery Le Moteur de la Découverte



Driving Discovery is a unique province-wide outreach program supporting teachers and students in the transition to inquiry and skill-based science learning. In collaboration with the Department of Education and Early Childhood Development (EECD), Discovery Centre's team worked to make Driving Discovery resources publicly accessible to continue supporting grade 7 and grade 8's new skills-based curriculum.

The Driving Discovery team engaged over 550 students in classrooms throughout Nova Scotia. The team also led live, virtual sessions for educators across the province during the EECD Summer Learning Academy SLA and Acadian Teachers Conference. Discovery Centre's team engaged educators with an inquiry-based learning activity using Arduino science journal to model how IBL can be done in the classroom, highlighted Driving Discovery online resources and gave an overview about how teachers may use these resources in the classroom.



Discovery@School Découverte à l'école



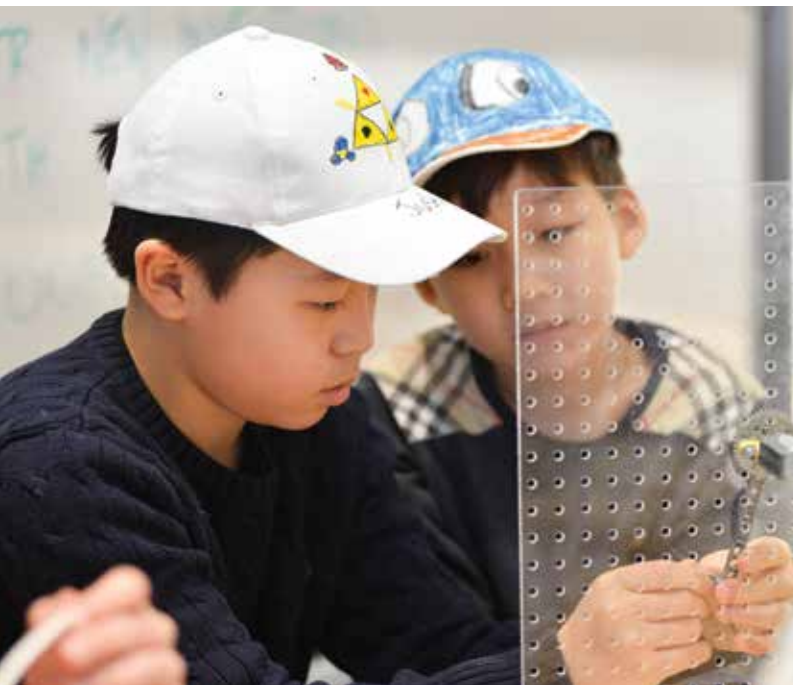
Discovery Centre, in collaboration with the Department of Education and Early Childhood Development, created and launched 26 video-based learning resources, with accompanying teachers' guides, and hands-on activities. Discovery@School will help teachers navigate the inclusion of new skills in the renewed Nova Scotia curriculum. All assets are bilingual and accessible on Discovery Centre's website for educators to have their learners inquire, create, and explore in a fun and interactive way.

Virtual Science on the Road Workshops

The success of Virtual Workshops offerings continued with support from Connected North, which helped Discovery Centre's team to reach and engage students in remote Indigenous communities from areas such as the North West Territories, Nunavut, Alberta, and Northern Ontario. Discovery Centre hosted 154 virtual workshops, throughout Nova Scotia and beyond.

The Education team also created a new virtual program "Upcycled Racers" to showcase the Divert NS Ocean Action Zone gallery. Upcycle Racers workshops were delivered free of charge to grade 4 students during June in 24 schools to over 560 students.

A climate-based GenAction virtual workshop was also added to the repertoire of virtual offerings "Climate CubeSats" and our ever-popular "Creature Detective" has now been modified to align with new climate-focused programming as part of our GenAction initiative.



Science in the Centre



Despite the restrictions this past year, Discovery Centre hosted 637 students for curriculum-connected field trips and experiential workshops. Students enjoyed learning about extreme sports in *Beyond Human Limits*, and exploring the many other exhibits and experiences available at Discovery Centre. Whether they joined us for a full day or just a few hours, students left smiling and inspired.

Discovery Centre delivered 45 workshops in the centre, offering one new workshop "Creature Detective", and adapting some programming under the GenAction lens.

Thank you to our *Science in the Centre* workshop sponsors Atlantic Canada Aerospace and Defense Association, Efficiency Nova Scotia, and Halifax Harbour Bridges.

Science on The Spot



Lift Off & Potato Protective Equipment

Our two complimentary WCB Science on the Spot experiences introduce youth to safe workplaces, in key target areas of safe lifting and slips-trips-falls, through Lift-Off! and Potato Protective Equipment. With real-time biomechanical sensor feedback, Lift-Off! participants compete head-to-head to build a structure, focusing on the safety of their work, rather than the speed.

In Potato Protective Equipment, participants explore the surprising magnitude of forces involved in even short falls, leading them to the data-and-experience-driven conclusion that prevention is easier than protection and should be prioritized.



What's in Your Water? & Stormy Science



Presented by Halifax Water, "What's in Your Water" is a new hands-on public program designed to instill an appreciation for the science behind water treatment and testing, dispel misinformation around water treatment additives and the importance of protecting the full water cycle. Visitors use an array of digital LabQuest sensors and custom equipment to explore real water quality variables analyzed through Halifax Water's comprehensive water monitoring and testing program. Visitors interact with Discovery Centre staff scientists to discuss the chemistry of chlorine and fluoride and why they are so important in treating our water.

Also presented by Halifax Water, "Stormy Science" features custom models that simulate household property runoff with and without storm services, highlighting the need for storm water mitigation. This facilitated program explores the complex system protecting our communities, making connections between the increasing need for these services and higher frequencies of storm events due to climate change.

Camps

March Break: BMO



Discovery Centre had 41 campers join for March Break. Campers participated in exciting hands-on science experiments and enjoyed *Beyond Human Limits*. Our older campers took part in a hybrid Digital Discovery camp, combining all-time favorite science activities and demos with a Digital Twist.

Many thanks to Digital Nova Scotia, REDspace, ACOA and Skills Canada for helping to spark curiosity among campers.

Summer Camps: efficiency



Over 240 children aged 5-12 years joined us for our summer camps this year. Our campers enjoyed a variety of COVID-19-safe hands-on STEAM activities, virtual visits from special guests, and open-air fieldtrips around the waterfront and surrounding parks. Thank you to Efficiency NS for helping us inspire and encourage our next generation of scientists and energy problem-solvers in Nova Scotia.



Digital Discovery Camps: digital discovery



This year, 21 youth aged 9-14 years took part in our Discovery Centre-based *Digital Discovery Camps* in two weeklong summer camps and one PD Day Camp. Additionally, over 40 youth in the communities of Spryfield, Bridgewater, and Yarmouth joined in virtual *Digital Discovery Camps* over three summer camp weeks. In partnership with Digital Nova Scotia, these camps go beyond limits with access to Nova Scotia's most prestigious professionals in Information and Communications Technology (ICT) as special guest mentors. Campers participated in real hands-on challenges in hardware breakdown, game development, coding, and robotics. Thank you to our EPIC gigabyte sponsor and pro-mentors at REDspace who provided incredible insight to a virtual world. Also special thanks to Atlantic Canada Opportunities Agency (ACOA) for supporting this dynamic camp experience.



Ocean Tech Camp: OTCNS



This year a sold-out crew of campers aged 10-14 years dove headfirst into our popular Ocean Tech camp. Joining forces with the Ocean Technology Council of Nova Scotia, this camp was full of exciting challenges surrounding the latest ocean technology and research, here in Nova Scotia. With hands-on activities, field trips, and special guests who work in ocean tech, campers were inspired to go forward, educate others about the ocean, and maybe even become the next generation of ocean engineers, scientists, and technicians.

Summer Camps with Neptune Theatre



Discovery Centre expanded its partnership with Neptune Theatre to deliver two in-person summer camps. Twenty youth aged 7-15 enjoyed mixing drama, science, and technology with themes ranging from exploring natural wonders to video gaming, to spies, mysteries, and myths.

Clubs

Discovery Centre Clubs

In *Maker League*, over the course of four weeks, participants ages 7-12 years old learned how to design, model, and code their own creations using a variety of different platforms and cutting-edge technology. This fun and innovative club builds strong critical thinking, communication, and teamwork skills and was made possible with the generous support of accomplished entrepreneur and believer in our youth, Wade K. Dawe.

Little Learners



More than 180 toddlers and their families and caregivers took part in Discovery Centre-based *Little Learners* programming, presented by Scotiabank. At Discovery Centre, little ones explored the joy and STEAM in aerodynamics, experimented with chemistry, and explored how insects flutter and crawl.

LEADERSHIP TEAM



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Dov Bercovici - President & CEO

Myra Freeman, CM, ONS - Vice Chair

Richard Butts - Nominations & Governance Chair

Christine Christensen - Stakeholder & Community Engagement Chair

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Steve Rankin - Discovery Centre International Chair

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Project Manager of Youth Climate Action

Ryan Jameson
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Leah Veinot
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Events Coordinator

Adam Brown
Senior Science Educator of Youth Climate Action

Josh Bulgin
Staff Scientist

Will Cool Gaudin
Exhibits Specialist

Jennifer Douglas
Senior Science Educator

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Priya Gupta
Staff Scientist

Alexandra Hall
Customer Service Representative

Andrew Howe
Science Educator

Nicole Jessop
Ocean Gallery Staff Scientist

Bernadette Kavanaugh
Science Educator – Driving Discovery

Roger Kent
Exhibit & Facilities Coordinator

Emilie Knighton
Science Educator

Tanya Madden
Graphic Designer

Michelle Mann
Science Educator – Driving Discovery

Chris McDonald
Digital & Network Specialist

Emily McIsaac
Science Educator, Driving Discovery

Jillian Phillips
Coordinator of Science Education

Japna Sidhu-Brar
Staff Scientist, Dome Theatre Presenter

Emma Touchie
Staff Scientist

SUPPORTERS



INDIVIDUAL DONORS

Steve Ashton	Charles and Sharron Dolan	Robert & Janice MacKay	The Verschuren Family
Lesley and Dov Bercovici	Hon. Myra A. Freeman	Bob and Wendy McDonald	Robert and Mary Anne White
Renee Covill	Leila Gashus	Ashley Moriarty	David Wicks
Pamela Scott Crace and John Crace	Orlando Hung	Kelvin Ogilvie	Kristin Williams
Helen Dolan	Keating Family: Gregg, Ann Marie, Susan, Cathy	Wynne Potter	Michele Williams
		J. William Ritchie	

Financial statements of Discovery Centre

March 31, 2022

Independent Auditor’s Report	1–2
Statement of financial position	3
Statement of changes in net assets	4
Statement of revenue and expenditures	5
Statement of cash flows	6
Notes to the financial statements	7–12

As part of an audit in accordance with Canadian GAAS, we exercise professional judgment and maintain professional scepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Centre's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Centre's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Centre to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.



Chartered Professional Accountants
June 27, 2022

Independent Auditor's Report

To the Members of
Discovery Centre

Opinion

We have audited the financial statements of Discovery Centre (the "Centre"), which comprise the statement of financial position as at March 31, 2022, and the statements of revenue and expenditures, changes in net assets and cash flows for the year then ended, and notes to the financial statements, including a summary of significant accounting policies (collectively referred to as the "financial statements").

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Centre as at March 31, 2022, and its financial performance and its cash flows for the year then ended in accordance with Canadian accounting standards for not-for-profit organizations.

Basis for Opinion

We conducted our audit in accordance with Canadian generally accepted auditing standards ("Canadian GAAS"). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are independent of the Centre in accordance with the ethical requirements that are relevant to our audit of the financial statements in Canada, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Other Matter

The financial statements of the Centre for the year ended March 31, 2021 were audited by another auditor who expressed an unmodified opinion on those financial statements on June 23, 2021.

Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with Canadian accounting standards for not-for-profit organizations, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Centre's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Centre or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Centre's financial reporting process.

Auditor's Responsibilities for the Audit of the Financial Statements

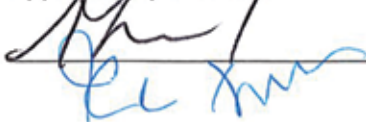

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Canadian GAAS will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

Discovery Centre
Statement of financial position
As at March 31, 2022

	Notes	2022 \$	2021 \$
Assets			
Current assets			
Cash and short-term investments	10 and 11	2,594,242	1,578,880
Accounts receivable		109,923	255,089
Government contributions receivable		339,024	63,234
Prepaid expenses		74,927	40,108
Inventories		26,097	39,957
		3,144,213	1,977,268
Long-term investment			
Property and equipment	3 5	1,000,000 17,159,000	1,000,000 18,613,218
		21,303,213	21,590,486
Liabilities			
Current liabilities			
Accounts payable and accrued liabilities		820,714	341,281
Deferred revenue and deferred contributions	12	1,277,187	1,077,475
Current portion of long-term debt	6	414,999	680,718
		2,512,900	2,099,474
Long-term debt			
	6	2,886,915	3,331,529
		5,399,815	5,431,003
Net assets			
Investment in property and equipment		13,857,088	14,600,971
Internally restricted reserve	10	100,000	100,000
Endowment fund	11	72,000	72,000
Unrestricted		1,874,310	1,386,512
		15,903,398	16,159,483
		21,303,213	21,590,486

Commitments 14

Approved by the Board

 , Director
 , Director

The accompanying notes are an integral part of the financial statements.

Discovery Centre
Statement of changes in net assets
Year ended March 31, 2022

	Investment in property and equipment \$	Internally restricted reserve \$ (Note 10)	Endowment fund \$ (Note 11)	Unrestricted \$	2022 \$	2021 \$
Net assets, beginning of year	14,600,971	100,000	72,000	1,386,512	16,159,483	16,361,556
Transfers	946,504	—	—	(946,504)	—	—
Revenues in excess of (less than) expenditures	(1,690,387)	—	—	1,434,302	(256,085)	(202,073)
Net assets, end of year	13,857,088	100,000	72,000	1,874,310	15,903,398	16,159,483

The accompanying notes are an integral part of the financial statements.

Discovery Centre
Statement of revenue and expenditures
Year ended March 31, 2022

	Notes	2022 \$	2021 \$
Revenue			
Campaign funding	9	202,000	755,649
Admissions, memberships and workshops		759,334	338,813
Government contributions	8	3,769,449	2,065,992
Fundraising and donations		875,711	1,065,172
Retail income		111,137	43,890
Special events	7	99,898	106,956
Other		36,657	12,563
		5,854,186	4,389,035
Expenditures			
Exhibits, programs and administration		2,151,388	777,118
Salaries and benefits		1,929,726	1,608,714
Rent and common area charges		210,358	196,693
Special events	7	67,246	54,215
Retail cost of goods sold		61,166	28,952
		4,419,884	2,665,692
Excess of revenue over expenditures before the following expenses		1,434,302	1,723,343
Amortization of property and equipment		1,580,766	1,574,183
Interest on long-term debt		109,621	208,299
Transaction costs associated with repayment of long-term debt		—	142,934
		1,690,387	1,925,416
Excess of expenditures over revenue for the year		(256,085)	(202,073)

The accompanying notes are an integral part of the financial statements.

Discovery Centre
Statement of cash flows
Year ended March 31, 2022

	Notes	2022 \$	2021 \$
Operating activities			
Excess of expenditures over revenue for the year		(256,085)	(202,073)
Changes to excess of revenue over expenditures not involving cash			
Amortization of property and equipment		1,580,766	1,574,183
		1,324,681	1,372,110
Net changes in non-cash working capital items related to operations			
Accounts receivable		145,166	193,969
Government contributions receivable		(275,790)	289,391
Prepaid expenses		(34,819)	(9,264)
Inventories		13,860	17,162
Accounts payable and accrued liabilities		479,433	(102,365)
Deferred revenue and deferred contributions		199,712	(928,234)
		1,852,243	832,769
Financing activities			
Repayment of long-term debt		(710,333)	(4,924,972)
Proceeds of long-term debt		—	4,364,247
Transaction costs associated with repayment of long-term debt		—	(142,934)
		(710,333)	(703,659)
Investing activity			
Acquisition of property and equipment		(126,548)	(226,755)
Net change in cash and short-term investments during year		1,015,362	(97,645)
Cash and short-term investments, beginning of year		1,578,880	1,676,525
Cash and short-term investments, end of year		2,594,242	1,578,880

Non-cash transactions

5

The accompanying notes are an integral part of the financial statements.

1. Description

Discovery Centre (the "Centre") is a non-profit organization, which operates a hands-on science and technology centre. The Centre is a registered charity under the Income Tax Act and therefore, is not required to pay income taxes.

2. Significant accounting policies

The financial statements of the Centre are prepared in accordance with Canadian accounting standards for not-for-profit organizations ("ASNPO") in Part III of the CPA Canada Handbook applied within the framework of the accounting policies summarized below.

a) Inventories

Inventories are recorded at the lower of cost and net realizable value. The cost of inventory is determined using the first-in, first-out basis.

b) Property and equipment

Leasehold improvements, equipment and fixtures, and exhibits are recorded at cost or in the case of donated assets, at estimated fair market value where determinable with reasonable certainty. Salaries, materials and other costs directly attributed to the construction of exhibits are capitalized.

Amortization of property and equipment is provided on a straight-line basis over the estimated useful lives of the assets once put into commercial use at the following rates:

	Years
Exhibits	10
Equipment and fixtures	3-5
Computer equipment	2
Leasehold improvements	(Lease term) 25

c) Long-term investments

The Centre accounts for its investment in The Discovery Centre International Inc. ("DCI"), a controlled non-profit entity, at cost. The Centre determines whether there are indications of possible impairment. When there is an indication of impairment, and the organization determines that a significant adverse change has occurred during the period in the expected timing or amount of future cash flows, a write-down is recognized in income. If the indicators of impairment have decreased or no longer exist, the previously recognized impairment loss shall be reversed to the extent of the improvement. The carrying amount of the financial asset may not be greater than the amount that would have been reported at the date of the reversal had the impairment not been recognized previously. The amount of the reversal is recognized in income.

d) Revenue recognition

The Centre follows the deferral method of accounting for contributions, which include government grants. Contributions and income related to future periods are recorded as deferred revenue and are only recognized as revenue when earned.

2. Significant accounting policies (continued)

d) Revenue recognition (continued)

Restricted contributions for the purchase of property and equipment are deferred and amortized to revenue on the same basis as the amortization on the purchased property and equipment. A restricted contribution may be provided for a certain area of activity, without the contributor specifying which portion is to be used to acquire property and equipment. In order for a contribution to be accounted for as a contribution restricted for the purchase of a property and equipment, the contributor must specify the portion of the contribution that is to be used to purchase property and equipment. If the contributor does not so specify, then the contribution would be recognized as revenue when spent for the particular purpose covered by the restriction, regardless of the fact that some of the expenditures may relate to the purchase of property and equipment.

Unrestricted contributions are recognized as revenue when received or receivable to the extent that amounts to be received can be reasonably estimated and collection is reasonably assured.

e) Pledges

A pledge is recorded as revenue if collection is reasonably assured.

f) Use of estimates

The preparation of the financial statements in accordance with ASNPO requires management to make estimates and assumptions that affect the reported assets and liabilities and the reported amounts of revenue and expenses for the period then ended. Significant estimates used in these financial statements include allowance for doubtful accounts, useful lives for the amortization of tangible capital assets, deferred revenue and certain accruals. Actual results could materially differ from those estimates.

g) Financial instruments

The Centre has evaluated the fair value of its financial instruments based on the current interest rate environment, market values and the actual prices of financial instruments with similar terms. The carrying value of financial instruments is considered to approximate fair value. Financial instruments consist of accounts receivable, which will result in future cash receipts, as well as accounts payable and accrued liabilities and long-term debt, which will result in future cash outlays.

Fair value estimates are made at a specific point in time, based on relevant market information and information about the financial instruments. These estimates are subjective in nature and involve uncertainties and matters of judgment and, therefore, cannot be determined with precision. Changes in assumptions could affect the estimates.

Financial instruments are to be recognized depending on their classification and the Centre has implemented the following classifications:

- Cash and short-term investments are classified as "Financial Assets Held-for-Trading". These financial assets are marked-to-market through the statement of changes in net assets at each year end.
- Accounts receivable are classified as "Loans and Receivables". After their initial fair value measurement, they are measured at amortized cost using the effective interest method.
- Accounts payable and accrued liabilities and long-term debt are classified as "Other Financial Liabilities". After their initial fair value measurement, they are measured at amortized cost, net of transaction costs, using the effective interest method.

3. Long-term investment

The Centre has an investment in DCI, a wholly owned non-profit entity, in order to expand its initiatives in science and technology and with the objective that all net revenue will be repatriated back to the Centre as and when available to support the Centre's mission. No net revenue was recognized in the current year.

A summary of DCI's financial information is provided below:

	2022 \$	2021 \$
Total assets	525,266	667,675
Total liabilities	22,296	78,697
Net assets	502,970	588,978
Revenue	202,842	4,600
Expenses	288,850	149,188
Cash flows from operating activities	(111,457)	(110,186)

4. Bank indebtedness

The Centre has an authorized revolving demand facility in the amount of \$500,000 which bears interest at prime plus 0.5% and the Centre has provided a general security agreement over all assets as security for the operating line facility.

5. Property and equipment

	Cost \$	Accumulated amortization \$	2022 Net book value \$	2021 Net book value \$
Exhibits	9,338,993	4,258,208	5,080,785	5,911,197
Equipment and fixtures	333,658	288,351	45,307	76,896
Computer equipment	209,209	196,268	12,941	1,009
Leasehold improvements	15,101,330	3,081,363	12,019,967	12,624,116
	24,983,190	7,824,190	17,159,000	18,613,218

Of the additions to property and equipment during the year \$80,501 (\$22,678 in 2021) had not been paid at year end and was included in accounts payable and accrued liabilities. These amounts were excluded from the statement of cash flow.

6. Long-term debt

CIBC non-revolving term loan, repayable in monthly principal instalments of \$33,333 plus interest, bearing interest at the bank's prime rate plus 0.5%, due January 2026, amortized to January 2031. Secured by first-priority security interest in all assets of the Centre

CIBC non-revolving term loan, repayable in amounts tied to receipt of certain pledges and contributions, bearing interest at the bank's prime interest rate plus 0.5%, due January 2026. Secured by first-priority security interest in all assets of the Centre.

Less: current portion

The aggregate amount of principal repayments on the long-term debt, assuming maturing debt is renewed at similar terms to the existing debts, in each of the next five fiscal years ending March 31 are as follows:

	\$
2023	414,999
2024	400,000
2025	400,000
2026	789,334
2027	400,000
	2,404,333

7. Special events

During the year, the Centre held one special event. The event resulted in a net excess of revenue over expenditures of \$32,652 (\$52,741 in 2021).

	2022 \$	2021 \$
Sponsorships and registration revenue	99,898	106,956
Expenditures	67,246	54,215
	32,652	52,741

8. Government contributions

During the year, the Centre recorded government contributions for the operations of the Centre as follows:

	2022 \$	2021 \$
Government of Canada	2,889,812	1,183,537
Government of Nova Scotia	537,500	605,000
Halifax Regional Municipality	145,000	145,000
Employment grants	197,137	132,455
	<u>3,769,449</u>	<u>2,065,992</u>

During the year, the Centre was eligible for the Canada Emergency Wage Subsidy ("CEWS") and Canada Emergency Rent Subsidy ("CERS"). These programs were implemented by the Government of Canada to support businesses and employees through the COVID-19 pandemic. The Centre received \$647,649 (\$785,363 in 2021) as a reimbursement for direct salaries and payroll expenses and \$144,507 (\$58,174 in 2021) for rent expenses. The Centre has a government contribution receivable of \$61,063 (\$37,277 in 2021) and \$77,628 (\$10,957 in 2021) as at March 31, 2022, related to CEWS and CERS, respectively.

9. Campaign funding

During the year, the Centre received funding from private donors to support the construction and operations of the new Centre in the amount of \$202,000 (\$755,649 in 2021).

10. Internally restricted revenue

In 2005, the Board approved the creation of an internally restricted reserve, which can only be used for specific expenditures. No transfers were approved through fiscal 2022. As a result, \$100,000 (\$100,000 in 2021) of cash in the operating fund is restricted from general use by the Centre.

11. Endowment fund

During 2009, a \$252,000 grant was received from Democracy 250, of which \$72,000 was specifically identified to be maintained as an Endowment fund to be invested in a GIC or other secure investment vehicle approved by the donor. Annual income derived from the investment will support youth to participate in the Science on the Road Program.

12. Deferred revenue and deferred contributions

	2022 \$	2021 \$
Deferred private and public sector contributions received	1,169,826	1,025,000
Deferred revenue	103,111	48,175
Deferred deposits	4,250	4,300
	<u>1,277,187</u>	<u>1,077,475</u>

13. Financial instruments

Market risk

Market risk is the risk that the fair value or future cash flows of the Centre's financial instruments will fluctuate because of changes in market prices. Market risk is comprised of currency risk, interest rate risk and other price risk. The Centre is exposed to certain of these risks, as described below.

Interest rate risk

Management believes that the Centre has no significant interest rate risk as the only financial instruments that have variable interest rates are the revolving demand facility, as outlined in Note 4, and two of the term loans, as outlined in note 6. Fluctuations in the prime interest rate will have moderate impact on the Centre's result of operations.

Credit risk

Management believes the Centre is exposed to normal credit risk with respect to its accounts receivable. Provisions are maintained for potential credit losses and no such losses have been recognized to date. Management believes the Centre is not subject to significant credit concentration or other credit risk.

Liquidity risk

The Centre's objective is to have sufficient liquidity to meet its liabilities when due. The Centre monitors its cash balances and cash flows generated from operations to meet its requirements. As at March 31, 2022, management believes the Centre has no significant liquidity risk as its assets are liquid in nature.

14. Commitments

The Centre is in a twenty-year lease with a five-year renewal option with Nova Scotia Power Inc. for the premises at 1215 Lower Water Street, Halifax, Nova Scotia. The Centre will pay a nominal minimum base rent of one dollar per year during the term of the lease agreement.

Minimum annual lease payments for vehicle operating leases during the next four years are as follows:

	\$
2023	12,937
2024	7,784
2025	7,315
2026	4,267



THANK YOU



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