

ANNUAL REPORT 2018/19



FROM THE PRESIDENT & BOARD CHAIR

Thanks to the amazing support of donors like you, it has been an unforgettable year at BC Children's Hospital. Since the opening of the Teck Acute Care Centre and as we see a new era of health care unfold, we continue to make great strides in helping our province's kids receive the best care imaginable.

All along, you have been partnering with us on this journey. We're grateful for the many ways that you, our generous donors, have been helping to make a difference in the lives of kids and families.

Research discoveries were made this year that could lead to better treatments for chronic childhood diseases like diabetes. We launched an innovative 3D technology program that is already revolutionizing care. A number of resources were created to help families beyond the walls of the hospital, like a video series on ADHD management. We took big steps toward our goal of supporting the enhancement of the Sunny Hill facility on the hospital campus, working towards a state-of-the-art centre. And by supporting specialized equipment and programs, we helped ensure that kids receive care designed for their unique needs.

It truly is incredible how much can change when we all come together. Thank you for making this progress possible.

Sincerely,

Teri Nicholas

Teri Nicholas MSW, RSW
President & CEO

Lisa Hudson

Lisa Hudson
Chair, Board of Directors

ABOUT **3,100** KIDS RECEIVED CARE INTENDED TO REDUCE ANXIETY AND PROMOTE HEALING THROUGH THE MUSIC THERAPY PROGRAM, WHICH IS ENTIRELY FUNDED BY DONORS

2018/19 BY THE NUMBERS

LAST YEAR, THE GENEROSITY OF DONORS HELPED ADVANCE OUR QUEST TO IMPROVE CHILDREN'S HEALTH CARE IN SO MANY WAYS. HERE ARE A FEW EXAMPLES OF THE STRIDES THAT WERE MADE POSSIBLE THROUGH YOUR SUPPORT.

Unless otherwise noted, accomplishments are for the 2018/19 fiscal year (April 1, 2018–March 31, 2019)

SINCE ITS LAUNCH IN THE FALL, MORE THAN **1,300** PEOPLE REGISTERED FOR THE FREE ONLINE LEARNING SERIES, **ROLLING WITH ADHD** (see pg 9)

MORE THAN **800** COMMUNITY CARE PROVIDERS ENROLLED IN THE COMPASS INITIATIVE TO RECEIVE SUPPORT TO PROVIDE IMPROVED MENTAL HEALTH CARE (see pg 25)

THE SUNNY HILL SPACE WILL BE FILLED WITH APPROXIMATELY **80** PIECES OF PURPOSEFUL ART THANKS TO DONOR SUPPORT (see pg 8)

RESEARCHERS HERE WERE THE **FIRST** IN CANADA TO USE A NEW PEDIATRIC TUMOUR TEST THAT COULD ONE DAY GUIDE PERSONALIZED TREATMENTS FOR CHILDREN WITH CANCER

BC CHILDREN'S HOSPITAL CREATED THE **FIRST** PEDIATRIC 3D TECHNOLOGY PROGRAM IN WESTERN CANADA (see pg 15)

7,253 PEOPLE LEARNED HOW TO BETTER RECOGNIZE & MANAGE CONCUSSIONS THROUGH THE CONCUSSION AWARENESS TRAINING TOOLKIT'S E-LEARNING MODULES (see pg 23)

IN 2018, **2,500** PATIENTS VISITED THE NEW FAMILY IMMUNIZATION CLINIC

THE TECK ACUTE CARE CENTRE MARKED ITS **ONE-YEAR MILESTONE** AS A STATE-OF-THE-ART FACILITY THAT'S TRANSFORMING CARE FOR OUR PROVINCE'S KIDS & FAMILIES

MINI MED SCHOOL INTRODUCED **302** HIGH SCHOOL STUDENTS TO THE FIELD OF MEDICINE, & EXTENDED ITS REACH TO NORTHERN BC WITH ITS ARRIVAL IN FORT ST. JOHN

100+ PIECES OF STATE-OF-THE-ART PEDIATRIC EQUIPMENT WERE FUNDED (see pg 10)

treat kids as kids

*THE PHYSICAL,
MENTAL AND
EMOTIONAL NEEDS
OF KIDS ARE UNIQUE.
YOUR GENEROSITY
SUPPORTS ADVANCED
EQUIPMENT, CARE AND
SPACES DESIGNED
SPECIFICALLY FOR
KIDS THAT HELP
ENSURE THE BEST
OUTCOMES POSSIBLE.*



“We continue to support Sunny Hill in recognition of our parents and because of the impact that it has on the children in BC.”

— ANNE ROWLAND & JEFF WOLRIGE, DONORS



“There is so much thought behind every aspect of care for the kids here. We are excited to help make this care possible.”

— DOREEN AND PHILIP LAU,
DAVID & DOROTHY LAM
FOUNDATION, DONORS



SUNNY HILL HEALTH CENTRE FOR CHILDREN ENHANCEMENT INITIATIVE

Ushering in a new era of care

As the only children's rehabilitation and developmental services facility of its kind in the province, Sunny Hill offers specialized services and care to thousands of kids and families each year.

Thanks to the overwhelming generosity of our community of supporters, this past year, more than 460 donors, together with gala supporters at A Night of Miracles and For Children We Care, helped the Sunny Hill Enhancement Initiative make huge strides towards its \$14 million goal to enhance the facility's new home on BC Children's Hospital's campus.

We are especially grateful for the inspiring generosity and leadership of Thomas & Ann Blaauw and Family, Djavad Mowafaghian Foundation, Hilary & Patsy Hui and Peterson who are helping to transform care for patients and families who depend on Sunny Hill.

Once completed, the world-class centre will feature purpose-built spaces, technology, equipment and artwork designed for the specific needs of Sunny Hill's kids and their families.

CONSTRUCTION ENHANCEMENTS

This past year, significant construction progress was made on the new site, including the excavation of Sunny Hill's new therapy pool.

When completed, Sunny Hill will be equipped with: a modern gym that will allow more kids to be treated at one time in an

engaging environment; a larger multi-level therapy pool with water jets, flooded with natural light; an outdoor training space to help kids regain mobility on different surfaces, and a home-like family lounge with a dining area and spaces for relaxation and play.

“As a mom of three, I know how precious time is. Moving Sunny Hill to the BC Children’s campus will change the way they deliver care to these kids and their families and give kids more time to just be kids.”

– LEE RENNISON, PRIMEX INVESTMENTS, DONOR

CHILDREN’S HEALING EXPERIENCE PROJECT AT SUNNY HILL

Art with purpose

The Children’s Healing Experience Project will feature curated, purposeful artwork throughout Sunny Hill, including murals, sculptures and interactive displays, that consider the complex physical, developmental and emotional needs of its patients and their families. For example, kids being assessed for behavioural development conditions may benefit from calming art that will help them to focus during their assessment appointments. This art will help create a truly patient-centered healing environment.

‘ROLLING WITH ADHD’ LAUNCHES

Kids with attention deficit hyperactivity disorder (ADHD) can endure different kinds of daily struggles, such as trouble focusing in class or not being able to finish daily tasks. To support families, mental health experts at BC Children’s Hospital designed a 12-session program that offers practical tools and parenting strategies. While a tremendous success, many families outside of the Lower Mainland weren’t able to attend the in-person program to receive this specialized knowledge.

Thanks to the incredible generosity of the Lu family, BC Children’s was able to expand access to these tools and strategies. Drs. Candice Murray and Daphné Dokis, psychologists at BC Children’s, teamed up to

create a video series for parents that was adapted from the in-person program. The free online resource, called Rolling with ADHD, launched in the fall of 2018 and offers eight modules for the caregivers of kids with ADHD. More than 1,300 people worldwide have already registered for the learning series.

The Lu family was inspired to help establish this program through their own personal experience with BC Children’s. Their compassion and generosity is helping to ensure that more children and families receive the help that they need to reach their full potential.

Visit the site at rollingwithADHD.ca

“Being a parent you are fundamentally doing it all. Having Rolling with ADHD online allows you to access support when you find those hidden, magical, free moments within your day.”

– PARENT & ROLLING WITH ADHD PARTICIPANT

SPECIALIZED EQUIPMENT

Kids aren't just small adults—and that's especially important when it comes to their health care. They need equipment that's created specifically for their growing bodies, as well as for their unique emotional needs. Here is a look at a few of the 100-plus pieces of equipment funded last year, thanks to the generosity of donors like you.



CODE BLUE CRASH CARTS

When a child has stopped breathing and needs to be resuscitated, every second counts. To save the lives of patients, health care providers rely on the most critical medical equipment—such as a code blue crash cart. Last year, the Hudson Family Pediatric Intensive Care Unit purchased five new carts that are equipped with everything the team could possibly need, including a defibrillator to help get the heart beating again.

The new carts also use the latest technology. The defibrillators provide audio and visual feedback, such as whether chest compressions are deep enough, to ensure high-quality CPR is being delivered.

STATE-OF-THE-ART DENTISTRY EQUIPMENT

Donors helped equip the hospital's dental clinic, which sees thousands of kids from across the province, with a portable X-ray machine. Using digital technology, the machine helps surgeons develop a surgical roadmap to diagnose and execute the most effective treatment options for complex dental conditions. It also uses a high speed X-ray, which reduces the amount of radiation a child is exposed to and promotes better long-term health.

SNOEZELN CARTS

Surgery can be scary for anyone. But for a child with autism, it can be an especially over-stimulating and distressing experience. To help kids feel less anxious, the hospital's surgical department purchased two new mobile Snoezelen carts. These therapeutic devices provide a multi-sensory experience with adjusting lights, sounds, effects and textures—like eye-catching bubble tubes and colour-changing fibre optic wires.

By helping kids feel more at ease, Snoezelen carts can reduce the time a child is sedated, and therefore the amount of anesthesia they are exposed to. And that can contribute to better health outcomes.

conquer childhood diseases

*WE ENVISION A WORLD
WHERE EVERY CHILD
IS HEALTHY. WITH YOUR
SUPPORT, WE ARE
HELPING RESEARCHERS
RELENTLESSLY PURSUE
NEW TREATMENTS AND
CURES THAT WILL HELP
MORE KIDS GET BACK
TO BEING KIDS.*



TRANSFORMING DIABETES TREATMENT

*Ground-breaking discoveries are
leading to better treatments*

Diabetes is a serious disease that can require a lifetime of close management and expert care to ensure it stays under control. Researchers at the Canucks for Kids Fund Childhood Diabetes Laboratories at BC Children's are working tirelessly to study what causes diabetes, improve treatments and care—and one day, find a cure.

One advancement seen last year was research published by Dr. Francis Lynn and his colleagues that looked at ways that insulin-producing cells, called beta cells, develop in the pancreas.

Currently, pancreatic cell transplants can effectively treat adults with type 1 diabetes, but are not an option for many people. Dr. Lynn's team is working to better understand how beta cells are produced by looking at the molecular changes that occur at the single-cell level. This is a different approach from that found in previous research, which provided a high-level, rather than single-cell, view of how the pancreas develops.

This brings researchers a step closer to one day growing beta cells in the lab that can be transplanted into children with type 1 diabetes. Ultimately, the goal of this work is to eliminate the need for regular insulin injections and offer children with diabetes a lifelong cure.

**DIABETES AFFECTS ABOUT
2,500 KIDS
IN BC**

A 3D VIEW INTO NEW POSSIBILITIES

*BC Children's launches the first pediatric
3D technology program in Western Canada*

Heart surgeries are complex—and even more so for a child's heart, which can be as small as a walnut. Now, with the visionary support of the Ian & Ken McIntosh Families and Kirmac Cares for Kids, it's possible for cardiac surgeons at BC Children's to test surgical approaches tailored to the needs of each individual patient, even in advance of surgery.

Pediatric interventional cardiologist Dr. Kevin Harris has been able to print 3D replicas of young patient's organs at BC Children's, using digital scans.

It's one example of how the 3D technology program, launched last year, is opening up new possibilities that may one day include innovations like creating custom prosthetics and enabling unprecedented teaching and simulation experiences for the next generation of medical experts.



*Dr. Kevin Harris, Pediatric Interventional
Cardiologist, BC Children's with Ken &
Ian McIntosh, Kirmac Cares for Kids*

EMPOWERING THE BRIGHTEST MINDS

*BC Children's is home to facilities that are truly world-class—healing environments for kids and their families, and technologically advanced equipment. Delivering the highest level of care also requires having the top medical minds. Last year, donors like you helped BC Children's recruit and train expert clinicians and researchers. **Here's how:***



Dr. Jennifer Smitten,
Hudson Scholar

HUDSON SCHOLARS AWARDS PROGRAM

In 2016, the remarkable generosity of the Hudson family allowed BC Children's to establish its first-ever Hospital Chair, a prestigious honour bestowed upon leadership positions within the hospital. Since then, Dr. Allison Eddy, chief of pediatric medicine and Hudson Family Chair in Pediatric Medicine at BC Children's, has been given the opportunity to bring her strategic vision to life.

As part of her plan, Dr. Eddy established a mentored career development program, called the Hudson Scholars Awards Program. It's focused on providing early-career physicians the opportunity to explore the field of quality improvement in medicine, and has quickly established BC Children's as a leader in this emerging field.

The work of the initial group of scholars enhanced care in 2018 in some noticeable ways. Vaccination tracking practices were enhanced, the discharge process was streamlined, and work is being done to improve care for infants with meningitis.

Now, five new scholars are diving into research designed to tackle important issues—like reducing unnecessary admissions and testing and improving virtual care practices. We can't wait to update you on their progress.

TRAINEE SUPPORT

Last year, your support helped train the next generation of child health experts through fellowships and grants.

Graduate studentships were awarded to researchers working to advance care—such as one that is evaluating an eye movement test that could one day lead to a more effective way to diagnose concussions.

Postdoctoral fellowships also helped researchers advance studies and gain important knowledge. One, for instance, looks to identify ways to stimulate the immune system to attack leukemia cells, which could help kids who don't respond to current treatments.

prevent illness & injury

*WE'RE NOT ONLY
HELPING KIDS WHO
NEED EXPERT CARE
TODAY, BUT ARE
ALSO WORKING TO
PREVENT KIDS FROM
GETTING HURT OR
SICK IN THE FIRST
PLACE. WITH YOUR
HELP, WE CAN
CHANGE THE COURSE
OF KIDS' LIVES.*





HELPING KIDS LIVE HEALTHIER LIVES

Health care experts have new tools to support patients

Childhood obesity can lead to serious health problems, like type 2 diabetes and high blood pressure. That's why BC Children's has brought an initiative called Live 5-2-1-0 into the hospital. For years, this initiative has been spreading an important healthy living message across BC.

The Live 5-2-1-0 message is easy for kids to remember, and is based on four research-backed guidelines aimed at helping prevent childhood obesity. Thanks to critical donor funding, BC Children's was able to create and pilot a training workshop and a robust toolkit this past year, that have made a noticeable difference for medical experts helping patients adopt healthy living habits.

At the six-month mark, 80 per cent of participants were helping patients set healthy living goals (up from 50 per cent), and 75 per cent shared that they now have sufficient resources to support their patients (more than triple the number than before).

This is just the start. With growing interest, Live 5-2-1-0 will be expanding to other clinics later this year, thanks to the ongoing commitment of donors who are making this progress possible.

5
OR MORE
VEGGIES
& FRUITS
A DAY

2
HOURS
OR LESS
SCREEN
TIME
DAILY

1
HOUR
MINIMUM
ACTIVE
PLAY
A DAY

0
SUGARY
DRINKS



KEEPING KIDS SAFE

Researchers at BC Children's take the next steps toward the ultimate vision of care

Here at BC Children's, the brightest minds are on a quest to do more than just treat kids in the hospital. They're working tirelessly to keep them out of it, too. Researchers at the BC Injury Research and Prevention Unit (BCIRPU), a province-wide partnership at BC Children's dedicated to reducing injuries, took important steps forward in doing just that.

- In 2018, a new website was launched to prevent sport injuries in kids through a project co-led by Drs. Shelina Babul and Ian Pike. It's called Active & Safe Central (activesafe.ca), and it draws on research to provide quick, helpful information on injury prevention for over 50 sports and recreational activities.
- Dr. Mariana Brussoni advanced her work in explaining the role of risky play in keeping kids safe. Her team developed an online tool for parents, OutsidePlay.ca, to help them think differently about risks and make a plan for change. It's already been accessed by over 23,000 users.
- Important updates were made to the Concussion Awareness Training Tool (cattonline.com), which was launched in 2013 through generous donor contributions. Last year, the e-learning module was updated to give coaches and officials critical information on how to recognize and respond to a concussion, along with how to manage an athlete's return to sport. Booklets were also developed for parents, teachers, coaches and athletes to aid with the overall management of possible concussion incidences.

Efforts like these are helping to improve safety for BC's kids. A research study recently ranked nine Canadian provinces on their child injury prevention rates and strategies.

The outcome? BC scored the number one spot.



**MORE THAN 900 PATIENTS
SUPPORTED
THROUGH COMPASS SINCE ITS LAUNCH**

ENHANCING MENTAL HEALTH CARE

*Helping to close the mental health gap
for kids who need support*

In BC, 70 per cent of kids and teens with mental health conditions don't get the expert care they need. This figure is staggering—and it reinforces the need for change. Last year, BC Children's laid important groundwork for innovative programs designed to improve mental health care.

Donors are helping to improve children's mental health care in all kinds of ways. Thanks to partners like the RBC Foundation, more kids and families are getting the guidance and support they need. Last year's redesign of the Kelty Mental Health Resource Centre website, for instance, made it easier for families to quickly find relevant resources.

One of them aims to give more kids from across the province access to specialized mental health care. Launched in September of 2018, Compass establishes a direct line between community care providers and an expert mental health team at BC Children's. Through the program, community care providers can call the Compass team to receive support with diagnostics, medication recommendations and treatment plans.

Compass is already making a big difference; over 800 community care providers have enrolled and there have been more than 900 patient cases supported since its launch.

In addition to funding from the government and other partners, this progress has also been made possible through the generous support and commitment of our donors, including Barry & Laurie Cavanaugh, Milan & Maureen Ilich Foundation, Djavad Mowafaghian Foundation, the Wesik Family and Crystal Ball gala supporters.



it takes a community

**LAST YEAR, PEOPLE
FROM ACROSS THE
PROVINCE CAME
TOGETHER TO
SUPPORT OUR KIDS
IN SOME PRETTY
AMAZING WAYS.
WE WOULDN'T BE
WHERE WE ARE
TODAY WITHOUT THIS
INCREDIBLE SUPPORT.**

HITTING IT OUT OF THE PARK

Every July, hundreds of people, teams and volunteers come together in Kelowna to take part in Bats for a Cause, a fun-filled weekend of slo-pitch. The annual event, which is sponsored by Prospera Credit Union, raises funds in support of the greatest needs at BC Children's. In 2018, Bats for a Cause once again managed to raise the fundraising bar. Not only did the event celebrate its 10-year anniversary, but it also brought in an astounding \$141,237 for our province's sick and injured kids.

HIPPIES UNITE FOR HIP HEALTH

Led by Dr. Kishore Mulpuri, a pediatric orthopedic surgeon at BC Children's, a dedicated team of parents, volunteers and health care providers is helping to advance work to improve hip health. The I'm a HIPpy group started in 2017 and in short order, it's turned into a big success. Last year alone, a remarkable \$115,251 was raised through their second annual gala and a first-ever obstacle course challenge. These efforts are helping to improve screening and treatment for kids with conditions like hip dysplasia, which can cause chronic pain and disability if it's not caught early.



A CREATIVE WAY TO FUNDRAISE

When she was just one month old, Melanie was diagnosed with a tethered spinal cord—a condition characterized by restricted movement of the spinal cord. After numerous surgeries at BC Children's, her health greatly improved.

Because of her experience, Melanie always wanted to give back and help other kids like her, as well as raise awareness of her condition. So when she had the chance to participate in the PowerPlay Young Entrepreneurs program, in which students create a business venture and donate a portion of their profits to a charity of their choice, she knew exactly what to do.

Melanie created a line of fun, educational animal sculptures called Nervies, with each one representing a different area of the nervous system. Her ingenuity and hard work over the last year paid off. She raised \$1,100 for the neurology department at BC Children's.

A FUTURE LEGACY

Eleven-year-old Keith Preston was on his way to skating practice when he got into a serious car accident. He sustained a brain injury, and had to endure extensive treatment and rehabilitation at BC Children's Hospital and Sunny Hill Health Centre for Children.

An active boy by nature, Keith was determined to overcome the huge challenges facing him, like relearning to walk and talk. Sunny Hill gave him hope during his journey to regain his freedom and childhood.

His favourite memories of Sunny Hill were of the therapy pool: "This is where I really felt free," he recalled. "In the pool I was painless; it was exhilarating—the rehabilitation became achievable."



That was 34 years ago. Today, Keith's past has inspired his efforts to help kids who may need expert care in the future. In 2018, he designated BC Children's Hospital Foundation as a beneficiary in his Will, and joined the Legacy Circle. Keith has also been an ambassador for the Foundation at his place of employment, which has been matching employee contributions to help BC's kids.

When it comes to the future of child health, there is no finish line. Keith's legacy gift shows how the past can inspire the present, and how the present can change the future for kids who need help, just like he did.

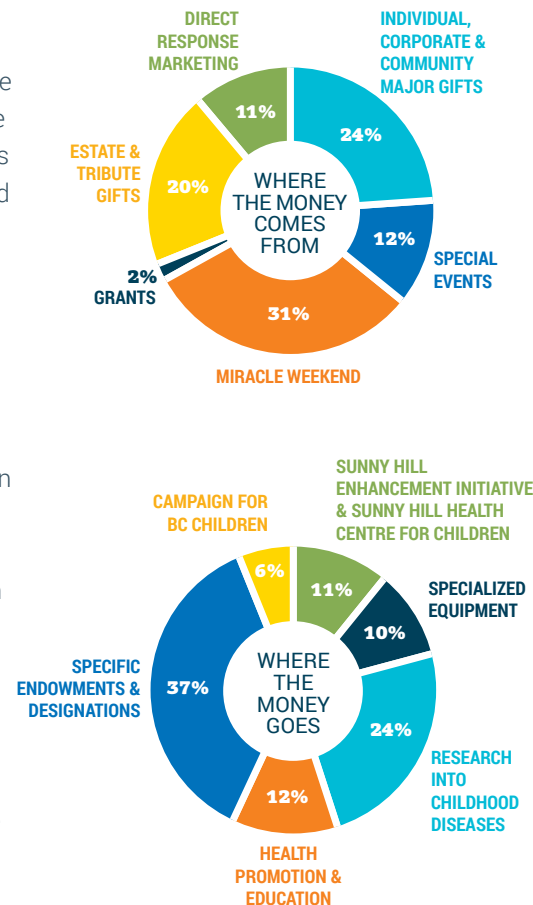
MAKING EVERY DOLLAR COUNT

BC Children's Hospital Foundation achieved record-breaking financial results in the last fiscal year (April 1, 2018 through March 31, 2019).

Through milestones like the unprecedented \$21 million-plus in funds from Miracle Weekend, nearly \$13 million from legacy giving, and our three highly successful signature galas, the Foundation raised an all-time high of \$68.7 million in total fundraising revenues. The sold-out Dream and Choices Lotteries also raised \$8.5 million for research. Through these efforts and many more, our community of supporters helped us reach new heights in pediatric health care.

As a foundation, our mission is to transform child health through excellence in philanthropy. Nowhere is this more evident than in how we steward the generous contributions made by donors across BC. We find ways to make each donor dollar go as far as possible, and to apply best practices to ensure a low fundraising expenses-to-revenue ratio.

Last fiscal year, we were able to provide an all-time high contribution of \$66.6 million to BC Children's, including to its Research Institute, child and adolescent mental health programs, and Sunny Hill. This funding helped to provide equipment for the growing bodies of children, attract the brightest minds in pediatric research and clinical care, and enhance facilities, programs and initiatives that ensure we are giving kids across BC the best health care possible.



(in thousands of dollars)

REVENUE	2019	2018
Fundraising revenue	68,660	59,319
Investment & other income	18,870	22,580
Net lottery revenue	8,472	8,336
	96,002	90,235

EXPENSES		
Fundraising, administrative & public awareness	21,357	20,308

EXCESS OF REVENUE OVER EXPENSES BEFORE CONTRIBUTIONS	74,645	69,927
Contributions to BC Children's Hospital		

Equipment & capital projects	16,516	14,447
Education, research, patient care & other	50,090	36,236
	66,606	50,683

EXCESS OF REVENUE OVER EXPENSES & CONTRIBUTIONS	8,039	19,244
---	-------	--------

The financial highlights on this page are based on BC Children's Hospital Foundation's audited financial statements for our fiscal year ending March 31, 2019. The Foundation's statements are audited by KPMG LLP Chartered Professional Accountants.

BC CHILDREN'S HOSPITAL FOUNDATION BOARD OF DIRECTORS

(for the fiscal year ending March 31, 2019)

Mrs. Lisa Hudson, Chair

Mr. Mike Lam, Vice-Chair (MAY 2019)

Mr. David Podmore, Vice-Chair, O.B.C. (RESIGNED APRIL 2019)

Mr. Mike Brankston, Secretary-Treasurer

Mr. Dale Boniface

Mr. Robin Dhir

Mr. Darrell Jones

Mr. Raymond Li

Mr. Donald R. Lindsay, O.B.C.

Dr. Erik Skarsgard

Mrs. Ratana Stephens

Mr. Martin Thibodeau

Mr. William Westeringh, Q.C.

Ms. Jane Young

*Thank you to all of our donors
for your generous support.
These advances wouldn't have
been possible without you.*

*With you by our side, we will
continue to take children's health
care in our province to the next
level. We will help ensure kids have
access to the most technologically
advanced equipment and are
cared for by the brightest medical
minds. We will help shorten the
time gap between when research
discoveries are made—and when
they are translated into better care.
And we will support work that
can give new hope to kids and
families when they need it most.*

*Together, we will write the next
chapter of children's health.*



**THANK YOU
FOR HELPING
KIDS SHINE**



bcchf.ca

938 West 28th Avenue,
Vancouver, BC V5Z 4H4

Telephone 604.875.2444
Toll Free 1.888.663.3033