

Hope *in* Action

YOUR ACTION AND IMPACT, PROVIDING HOPE FOR THE BRAIN TUMOUR COMMUNITY

Collaboration



Accountability



Hope

Integrity



Caring



IN THIS REPORT

- Brain Tumour Walk numbers are in!
- Blue Nose Marathon
- Registry and Pediatric Grant updates
- Thank You for Volunteering
- Thank You for Fostering Hope
- Thank You for Remembering
- Thank You for Raising Awareness



FALL 2017



THANK YOU for WALKING TO ENSURE NO ONE WITH A BRAIN TUMOUR WALKS ALONE



“ It was beautiful to see so many friendly faces - I hope to meet more of you next year :)
- James S. ”

Because of you in 2016:

- **6,648** participants walked in **21** Brain Tumour Walk events, raising over **\$1.6** million, **57%** of Brain Tumour Foundation of Canada's total fundraised income.
- Over **50** businesses sponsored a Brain Tumour Walk in their community.
- So far in 2017, over **\$1.7** million has been raised by **8,355** participants with the Newfoundland Brain Tumour Walk still to come on September 30, 2017.

THANK YOU for VOLUNTEERING AND HELPING OTHERS

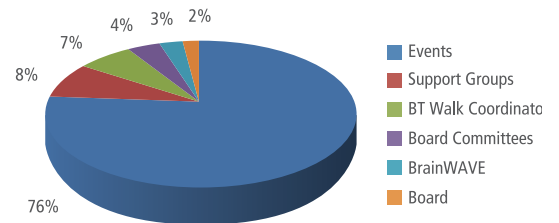
Because of you in 2016:

- Over **700** volunteers supported activities to help over **55,000** Canadians living with a brain tumour.



“ When it came time for me to start thinking about making some kind of contribution or giving back. Well... it pretty much was a “No brainer” for me!
- Liz G. ”

Volunteer Engagement



THANK YOU for being SOCIAL

Because of you in 2016:

- **21,346** social fans increased awareness about brain tumours.
- **18,141** views of educational videos on our YouTube channel.
- **1,250,744** page views on the Brain Tumour Foundation of Canada website.

THANK YOU for HOSTING

Because of you in 2016:

65 passionate organizers hosted Community Events across the country, helping raise awareness and **\$490,000**.

“ I can't describe the feeling of spirit and excitement of being part of something bigger, together, at the BlueNose Marathon. Different charities and different reasons, but everyone there together to cheer and encourage one another. Having the opportunity to represent Brain Tumour Foundation of Canada, raise much needed funds and awareness made me very proud. A very warm and friendly experience I will definitely be proud to take part in again. ”
– Jo M.



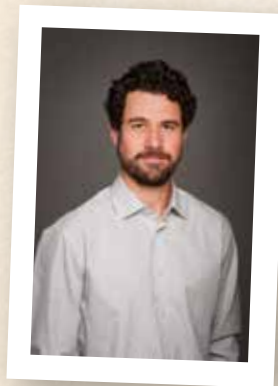
In 2017, Team Brain Tumour comprised **83 participants** who raised over **\$42,000** for the Canadian Brain Tumour Registry Project! For their overall fundraising efforts, Team Brain Tumour was recognized with an additional award of **\$2,500!** Since 2016, this dedicated group has grown participation at the event by **245%** and increased fundraising dollars by **245%!**

Team Brain Tumour had the support of three energizing community events to help their fundraising: *LotSix Restaurant Fundraiser*, *Auction House Pub Night* featuring Doug Hawco and *Wickwire Holm Scotch Tasting*. In addition, they received support from City Hall who illuminated the building in recognition of Brain Tumour Awareness Month.

THANK YOU for FOSTERING HOPE

➔ Dr. Tommy Alain (Ottawa, ON)

Recipient of the William Donald Nash Brain Tumour Research Fellowship, 2010-2012. Scientist, Children's Hospital of Eastern Ontario Research Institute (CHEO RI). Assistant Professor, University of Ottawa.



Dr. Tommy Alain believes that more effective treatments are needed for patients diagnosed with brain tumours. *And who are we to argue?*

"My project was to study two anti-cancer therapies with great potential against malignant gliomas," says Dr. Alain. "We uncovered a potentially valuable biomarker, which provided the stepping-stones in understanding the mechanisms by which synergy occurs between mTOR inhibitors and oncolytic viruses to eliminate brain tumours."

Dr. Alain sought to share his work within the research community during his Fellowship. He presented his findings internationally, participated in additional studies, published his findings, and fostered collaborations with members of the Canadian Oncolytic Virus Consortium. Citing teamwork as a vital component in the fight against brain tumours, Dr. Alain believes that "collaboration is the key to making progress in research and new treatments!"

"Thank you! The William Donald Nash Fellowship has had a great impact on my career. This Fellowship has allowed me to pursue my research in the area of brain tumours, which I am now continuing as an independent investigator."
— Dr. Alain

This year, Dr. Alain is one of five Canadian researchers awarded funds by Brain Tumour Foundation of Canada to further investigate the causes, diagnosis, and treatment of brain tumours. In his new line of research, titled "Characterization of a New Pharmaco-Viral Approach for the Treatment of Brain Cancer," Dr. Alain and his team at CHEO RI seek to follow in the footsteps of the Nash Fellowship:

"We have discovered a kinase inhibitor not previously known to increase viral infection, and we believe that understanding this process will provide valuable insight for the development of HSV1-based anti-cancer therapeutics," says Dr. Alain. "My goal is to find something new that could impact treatments in the future, and improve quality of life for brain tumour patients."

Because of you in 2016:

230

support group meetings
took place
across
Canada.



4,475

brain tumour handbooks
were given to patients and
their loved ones, plus 6,498
downloads of information
from our website.



11

BrainWAVE
events provided
fun and respite
for pediatric brain tumour patients
and their families.



5

childhood brain tumour
survivors were awarded
post-secondary
school scholarships.



227

Healthcare Professionals
attended brain
tumour in-service
education events.



➔ Alexandre Corriveau (Moncton, NB)

Research Studentship Recipient 2015-2016, generously funded by a gift from Diane Cameron and Nexen Energy ULC in Memory of Edward Zdanowicz.

Is it possible to improve the current standard of care for glioblastoma (GBM) patients by identifying a genetic signature in treatment resistant tumours? Alexandre Corriveau was awarded the opportunity to work with Dr. Pier Jr. Morin and the research team at Université de Moncton as they seek the answer to this question!



"It's through funding from organizations like Brain Tumour Foundation of Canada that we are able to carry out important research projects such as this one," says Corriveau. "To-date, several mechanisms of temozolomide resistance have been identified and contribute to treatment failure, but there is still much left to learn!"

Dr. Morin continues this research at Université de Moncton, while Alexandre begins his third year of medical school at the University of Sherbrooke this September.

➔ Stephanie Streich (Calgary, AB)

Youth Education Award Winner 2014-2015, generously funded by Rigatoni for Research, London, ON.

For Stephanie, receiving the Youth Education Award in 2014 was about much more than the dollars and cents that went toward her educational expenses. Diagnosed with a pilocytic astrocytoma at 3 years old, Stephanie has undergone two surgeries, both of which have had lasting repercussions.



"There is not a day that goes by that I do not have to think about my medical history," she says. "This award acknowledged the immense effort that has gone into my academic successes thus far, and it motivated me to keep moving forward!"

Currently working toward a Masters in Hydrology at the University of Saskatchewan, Stephanie looks forward to life after graduation.

"I don't know what the future holds, but it is certain to be an adventure!"

650

participants came together in person and online for our inaugural "Join the Movement to End Brain Tumours" National Conference.

Steve and Iris Rawlings



\$352,073

invested in research projects to help better understand brain tumours and to improve treatments.



\$71,478

invested to fund year one (1) of the Canadian Brain Tumour Registry Project.



\$125,000

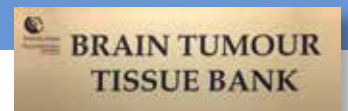
invested to fund year two (2) of the Pediatric Brain Cancer Impact Grant.

Dr. Michael Taylor

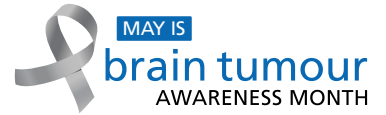


\$85,160

granted to the Brain Tumour Tissue Bank, supporting seven different research investigator locations in Canada, USA and Malaysia with brain tumour tissue samples.



THANK YOU for RAISING AWARENESS



“ It was a great honor for me and my family to switch on the lights at Niagara Falls for the first Brain Tumour Awareness Month to be held in May on both sides of the border ”
– Donna F.



Because of you in 2016:

- Brain Tumour Awareness Month (BTAM) aligned with the USA for the first time, so together we can shout with a louder voice!
- Canadians helped #TurnMayGrey with 8 notable Canadian landmarks lit up for BTAM. In 2017, 29 landmarks were lit up for BTAM.

THANK YOU for REMEMBERING



Because of you in 2016:

Acknowledging their strength and courage, \$251,462 was given in tribute of your loved ones.

THANK YOU for *GIVING to SUPPORT* THOSE AFFECTED by a *BRAIN TUMOUR*

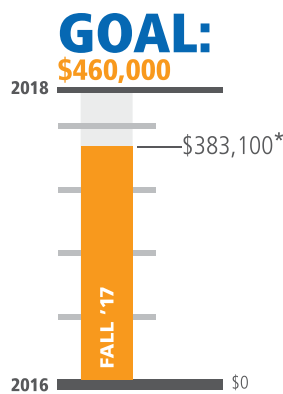
Canadian Brain Tumour Registry UPDATE:



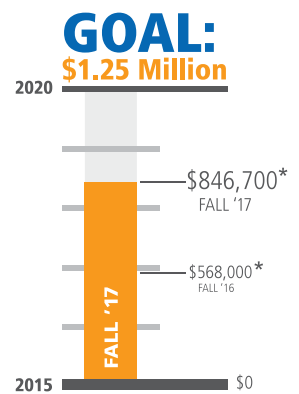
Pediatric Brain Cancer Impact Grant UPDATE:



Dr. Faith Davis and her team have started work on the Canadian Brain Tumour Registry and, as a result, now estimate that two-thirds (not one-third, as previously thought) of all non-malignant brain tumours are not reported. Non-malignant brain tumours can be just as life-changing as malignant ones.



Dr. Michael Taylor and his team have now identified 12 subtypes of medulloblastoma. They have also discovered that each subtype is completely different at the time of recurrence, so another resection is needed to determine the new type. This also means that a new treatment might be necessary for the new subtype. Dr. Taylor and his team continue to work on what those treatment types should be.



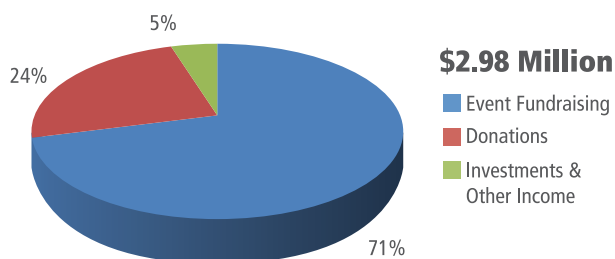
* Matching funds from Brain Canada are included in totals.

You can help *change the world* for those affected by a brain tumour!
Please support these vital projects with a *generous* financial commitment!

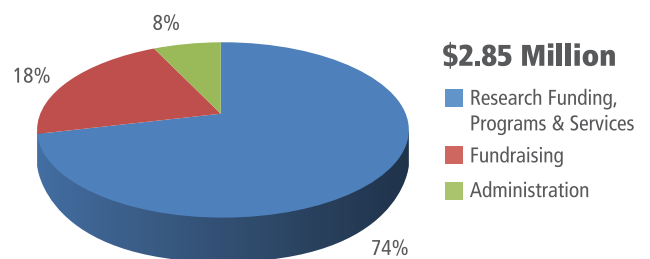
Because of you in 2016:

Over **30,000** individual donations were given in 2016 and every gift made a difference. Please review our annual donor recognition list at BrainTumour.ca/Impact

Where did funds come from?



Where were funds invested?





2017 marks Brain Tumour Foundation of Canada's 35th Anniversary.

Our determination to overcome brain tumours has brought the Canadian brain tumour community together since 1982, and we will continue to do so until a cure has been found.

Celebrate with us!
www.BrainTumour.ca/35

2016 / 2017 Board of Directors:

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Phyllis Retty
Lynn McRae
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David Lucy, Founding Director
Jane Hauser, Leader of Distinction
Phyllis Retty, Leader of Distinction
Melodie Northey, Leader of Distinction
Dr. Joseph Megyesi, Leader of Distinction

Vision:

To find the cause of and a cure for brain tumours while improving the quality of life for those affected.

Mission:

To reach every person in Canada who is affected by a brain tumour through support, education, information and research.

Values:

These values inform everything that we do to create impact and meaning for the brain tumour community in Canada:

**Hope, Caring, Integrity,
Accountability, and Collaboration.**



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Connect with us!

