



# KIMBERLEY FOUNDATION

2018

## THE KIMBERLEY FOUNDATION

Established in 2003 as a Canadian charitable not-for-profit organization by the late Dr. Hugh C. Morris, the Kimberley Foundation works to promote a love of learning, to stimulate curiosity about the world, and to support activities and pursuits that inspire, impact, and facilitate positive, environmentally responsible change by young Canadians throughout the world.

### OUR GOALS:

- Inspire young Canadians to innovate and lead
- Encourage self-directed, experiential learning
- Support research and community contribution
- Spark collaborative innovation
- Make an impact

Through all of its initiatives, the Kimberley Foundation seeks to keep alive Dr. Hugh Morris and Mrs. Pat Morris' core principles and lifework: to make a positive impact on the lives of others, and to inspire them to do the same.

The Kimberley Foundation provides young Canadians with self-directed experiential learning, leadership skills development, and collaborative innovation opportunities to shape their futures, raise awareness about important social issues, and motivate them to make change globally.



Where will you

A close-up photograph of a person's hand holding a small globe of the Earth. The hand is positioned on the right side of the frame, with fingers gently cradling the globe. The globe shows the Americas, with North and South America visible in green and brown, surrounded by blue oceans and white clouds. The background is dark and out of focus.

r journey take you?

Originally rooted in the earth and environmental sciences, the Kimberley Foundation has evolved in recent years to support new areas of inquiry, including energy, sustainability, climate change and environmentally oriented social sciences. We have also expanded the range of our initiatives to support the potential and ingenuity of both secondary and post-secondary youth in Canada, especially through the creative media arts.

**CORE INITIATIVES:**

Hugh C. Morris  
Experiential Learning Fellowships

FOCUS! Climate Change Video  
& Short Film Competitions

Pat Morris Prize



## 2018 IN REVIEW

### THE JOURNEY BEGINS

It has been an exciting year of evolution and growth for the Kimberley Foundation.

Dr. Hugh Morris' dream to create a truly unique experiential learning fellowship has become a reality, with three amazing Canadian graduate students travelling the world to bring new ideas back to Canada: ideas that could impact and accelerate the growth of the geothermal energy industry in Canada, lead to a new treatment for Alzheimer's disease and breast cancer, and introduce more sustainable, community-centric, and culturally sensitive mining practices for the future.

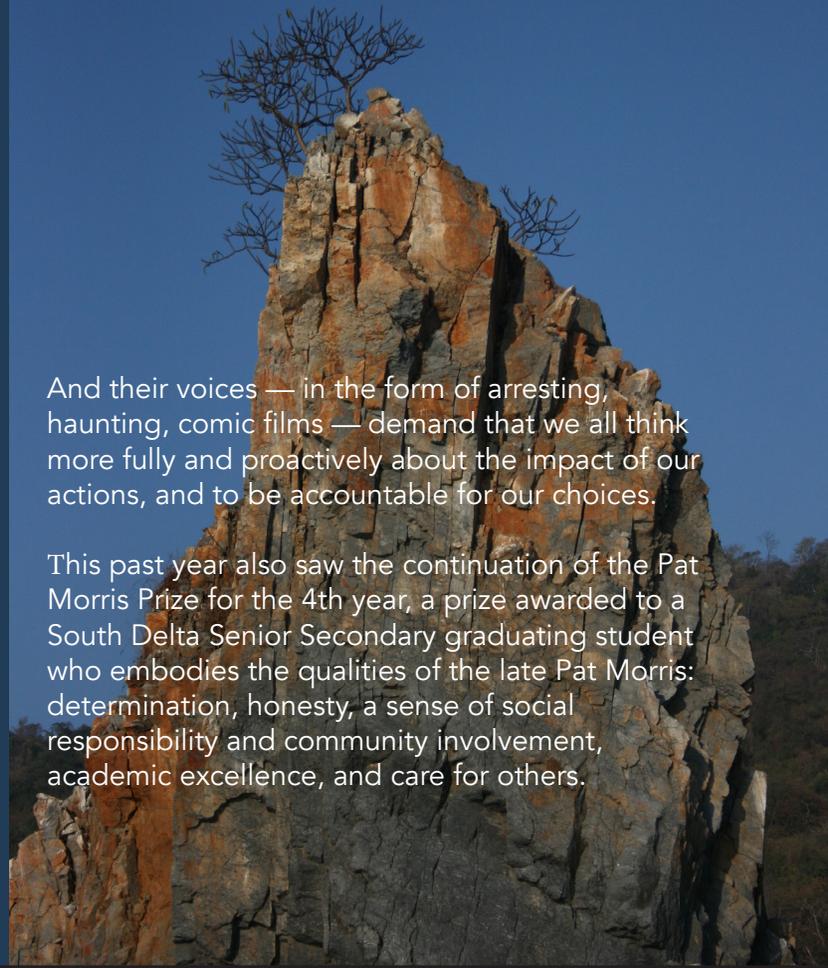
Our desire to address the urgent challenges of climate change has also been realized. In 2018 more than 400 secondary and post-secondary students from across Canada together created 160 short-form videos on this subject. Their provocative narratives warn of the future that awaits if we do not act, many drawing attention to realistic solutions that can be implemented on a daily basis. Through stop animation, live action, spoken word, and documentary approaches, they call us to "change climate change".

"Change Climate Change"

BEGIN

And their voices — in the form of arresting, haunting, comic films — demand that we all think more fully and proactively about the impact of our actions, and to be accountable for our choices.

This past year also saw the continuation of the Pat Morris Prize for the 4th year, a prize awarded to a South Delta Senior Secondary graduating student who embodies the qualities of the late Pat Morris: determination, honesty, a sense of social responsibility and community involvement, academic excellence, and care for others.





JOURNEY

400+ Student Filmmakers

160 Films

85+ Schools

3 HCM Fellows Travel 5 Continents

4 Pat Morris Scholarship Winners  
Embark on University Careers

TRANSFORM



More than **39,000** website visits

IMPACT

## JOURNEY. TRANSFORM. LEAD. FELLOWS TRAVEL THE WORLD

### The Hugh C. Morris Experiential Learning Fellowship

Born in Rangoon, Burma (now Myanmar) in 1932, Dr. Hugh Morris was a renowned geologist, philanthropist, industry leader, and science supporter. While studying at the University of the Witwatersrand, South Africa in the early 1950's, Dr. Morris was awarded the Chamber of Mines Gold Medal and Travelling Research Scholarship, which enabled him to travel across North America. On that trip, he visited more than 65% of the continent's mines and leading research institutions, an experience that profoundly shaped his future.

To honour his legacy and inspire the next generation of global leaders to begin their own journey, the Kimberley Foundation has created the highly prestigious Hugh C. Morris Experiential Learning Fellowship. The Fellowship is annually awarded to a graduate student at a Canadian university who exhibits excellence in research in the earth, environment, energy, or sustainability fields, and seeks to further their knowledge through a program of experiential learning and leadership development. The Foundation selects Fellows who it deems have learning journeys that have the potential to lead to novel research, create disruptive advances in their discipline, or transform communities, and whose ideas and contributions will have long term social benefit.

*"This Fellowship programme will fundamentally change student lives. It is an amazing opportunity and I can't thank you enough."*

-- Dr. Daniel Layton-Matthews, Associate Department Head,  
Geological Sciences and Engineering, Queen's University --



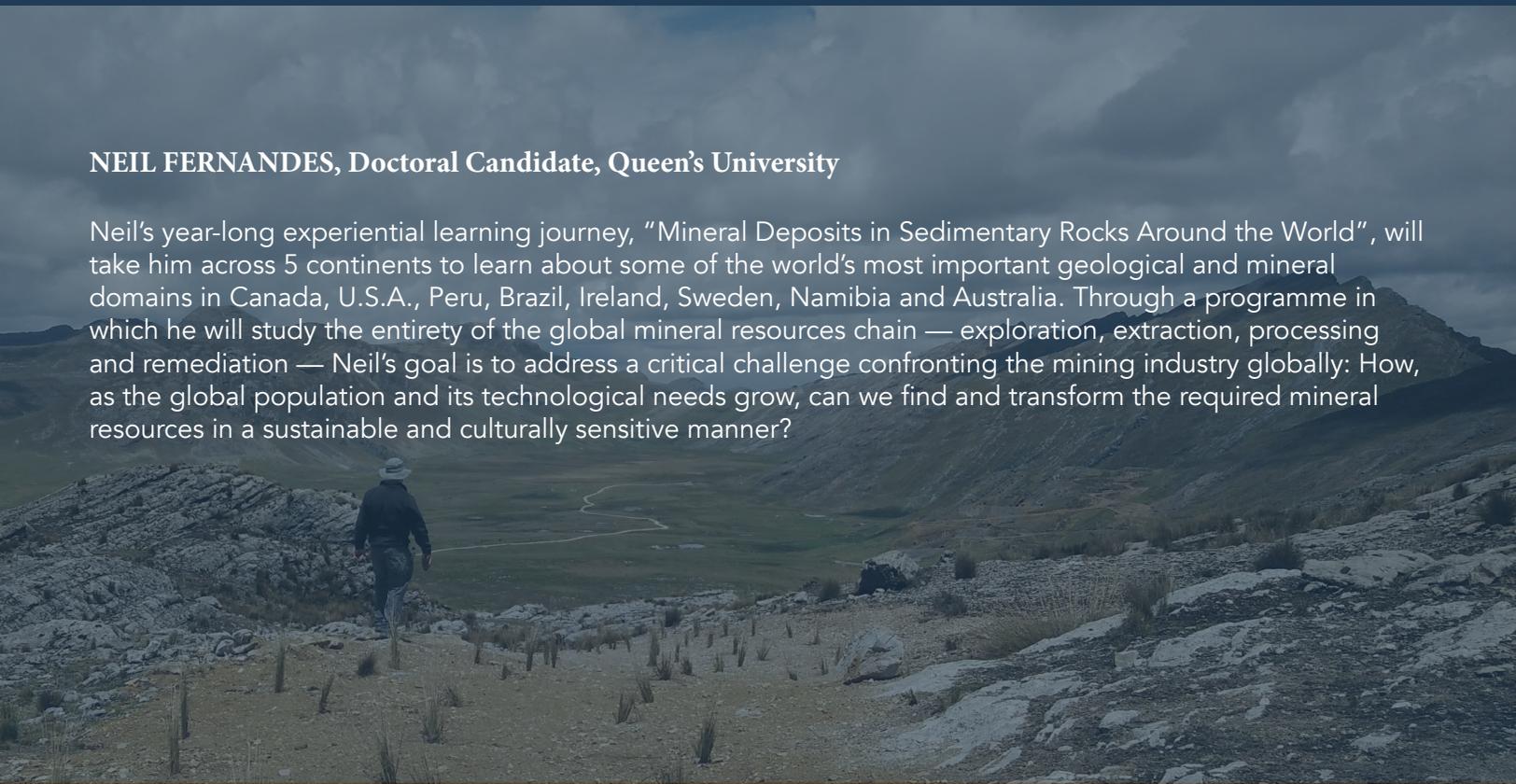
# JOURNEY. TRANSFORM. LEAD. FELLOWS TRAVEL THE WORLD

## MEET THE 2018 FELLOWS

In an unprecedented move to signal the range and potential of what the Kimberley Foundation strives to achieve through the Hugh C. Morris Experiential Learning Fellowships, the Foundation supported three Fellows in its inaugural year (2018) of the programme.

### NEIL FERNANDES, Doctoral Candidate, Queen's University

Neil's year-long experiential learning journey, "Mineral Deposits in Sedimentary Rocks Around the World", will take him across 5 continents to learn about some of the world's most important geological and mineral domains in Canada, U.S.A., Peru, Brazil, Ireland, Sweden, Namibia and Australia. Through a programme in which he will study the entirety of the global mineral resources chain — exploration, extraction, processing and remediation — Neil's goal is to address a critical challenge confronting the mining industry globally: How, as the global population and its technological needs grow, can we find and transform the required mineral resources in a sustainable and culturally sensitive manner?





Photos: Neil Fernandes

Now, at the midpoint of his journey, Neil reflects on his learning to date:

*“My Experiential Learning Program (ELP) has led to so many experiences that have made fundamental impacts on my personal and professional development. Improving my technical expertise in mineral deposits formed in sedimentary rocks is at the core of every one of the sites I visit. However, the real beauty of my experience is that I have been able to see so many of the different layers (cultural, technological, economic, environmental) that are built upon the premise of mineral resources: from interacting with indigenous Alaskans at a remote mine 170 km north of the Arctic Circle, to travelling and camping underneath the stars across Namibia with geoscientists from the Geological Survey of Namibia, to being underground at mining operations in Tennessee. I’m only half way through my journey but I already feel that my perceptions have changed and my paradigms have shifted. I cannot wait to use the knowledge that I have gained and to share my perspectives with the world!”*

JOURNEY. TRANSFORM. LEAD.  
FELLOWS TRAVEL THE WORLD

**THERON FINLEY, Masters Student, University of Alberta**

What is the role that geoscientists can play in the transition away from fossil fuels? Through a four-month experiential learning journey, "Bringing Global Geothermal Energy Expertise Back to Canada", Theron is travelling to visit carefully selected world leaders in geothermal energy whose underlying geological setting and temperatures make them the basis of good learning comparisons. By journey's end, Theron will have undertaken a journey across the western United States, Iceland, Germany, and New Zealand. Returning to Canada in February 2019, Theron will then travel to research facilities in various regions of Canada to share all that he has learned and become the spark for a new geothermal energy future here at home.

After two months of extensive travelling, Theron shares his experience to date.

*"The first two months of my journey have been incredible, and I have learned more than I ever hoped I would."*



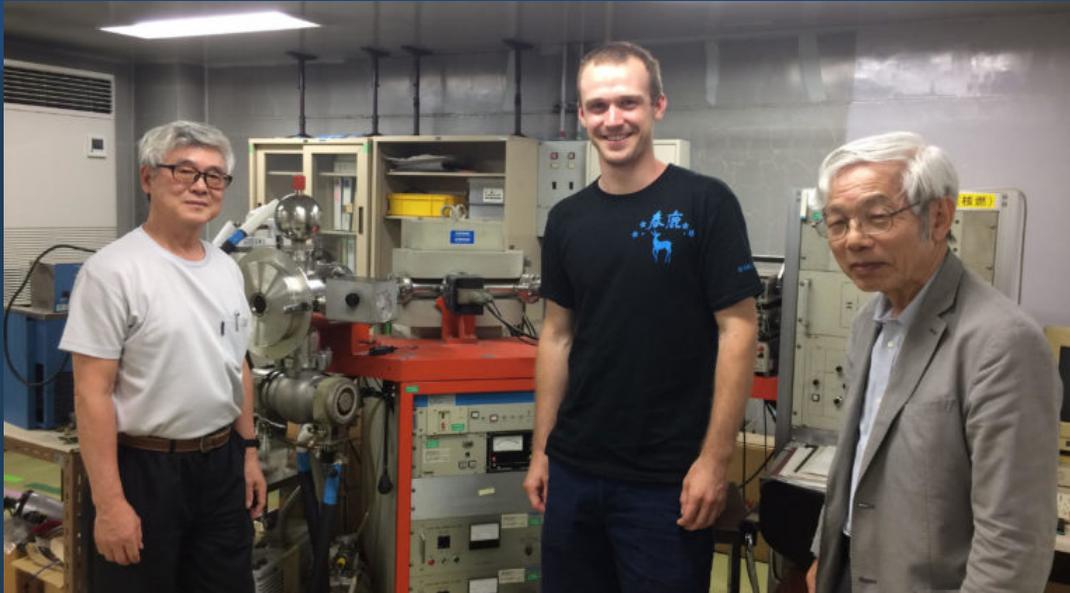
Photo: Theron Finley

## JOURNEY. TRANSFORM. LEAD. FELLOWS TRAVEL THE WORLD

### **KAJ SULLIVAN, Doctoral Student, Queen's University**

Albert Einstein once said, "To raise new questions, new possibilities, to regard old problems from a new angle, requires creative imagination and marks real advance in science." This is the type of journey upon which Kaj Sullivan is embarking. Working on a multidisciplinary research project that applies isotope geochemistry, a field traditionally applied to earth sciences, to the field of medical research, Kaj is working to investigate the potential of Copper and Zinc isotopes in blood serum as biological markers of Alzheimer's disease. Kaj's year-long experiential learning journey will provide him with extended periods of time at leading research laboratories in Japan, the United Kingdom and at the National Research Council in Canada.

So far, Kaj has spent extended periods of time in Japan at Tokyo Metropolitan University and in the United Kingdom at Imperial College London. Kaj has come away with some valuable learning from both these experiences. From Japan his take away is that "While Gaussian/GAMESS are powerful tools for theoretical estimation of isotope fractionation, it is most effectively used when coupled with experimental observations. I hope that with an understanding of both the theoretical and experimental sides of isotope geochemistry, I will continue to grow and develop as a researcher, and make meaningful contributions to this field of research." While the focus in Japan was theoretical chemistry, Kaj undertook a more experimental leg of his journey in London. The objective — "investigating zinc isotopic compositions in breast cancer tissue which involves performing measurements of malignant and benign tumors, adjacent healthy breast tissue, and serum, to compare how zinc isotopes are distributed in breast cancer patients and healthy volunteers"



From left to right: Dr. Nomura, Kaj Sullivan Dr. Fujii

*“The Kimberley Foundation has provided an incredible opportunity for PhD students to step outside of their regular studies to perform research and build partnerships that would not have otherwise been possible ... These have been without a doubt the two most productive months of my life as a graduate student.”*

Continue to follow the journeys of our amazing 2018 Hugh Morris Fellows on our website at:  
[https://kimberley-foundation.org/hugh-morris-fellowship/recipients/.](https://kimberley-foundation.org/hugh-morris-fellowship/recipients/)

## CREATE. IMPACT. INSPIRE. CANADIAN YOUTH 'CHANGE CLIMATE CHANGE'

The FOCUS! Climate Change Video Contest was inspired by the engagement and actions of Dr. Hugh Morris. In the 1990s he served as Chair of the Canadian Global Change Program — a joint initiative of the Royal Society of Canada and Environment Canada that sought to study and mitigate climate change both nationally and internationally.

While looking back to recognize his legacy, we have chosen to reach out to the future — the next generation of climate change activists, policy makers and mitigation innovators — and call upon their ingenuity, their creativity and their passion — to help us re-energize the dialogue on climate change and devise new approaches for its abatement.

We were amazed and humbled by the interest and response of Canadian youth. More than 400 students, spanning 8 provinces and engaging more than 85 institutions, came together to produce 160 films and videos. Through a variety of forms, including stop animation, live action, spoken word, and documentary approaches, they call for action and change. In works that are by turn inspired, angry, engaged, melancholy, but always passionate, the young Canadians who entered our contest asked audiences to think about issues large and small, and to be accountable for our choices. Their films accomplish the most important first steps toward the amelioration of climate change impacts: they raise awareness, they address their peers with science-based research, they provoke thought, and they inspire us all to act.

At a Red Carpet event June 9, 2018, we celebrated the winners, screening in public their provocative creations at the Vancouver International Film Festival Vancity Theatre in Vancouver, British Columbia.



*“On behalf of Notre Dame College School, I would like to personally thank the Kimberley Foundation for hosting the FOCUS! Climate Change Video Contest. I had my Grade 11 Video Production class take part in the competition. Overall, your event opened doors for new lessons (on my part) and, for the students, to develop a deeper understanding of how much of an impact our actions have on a global scale. Thank you again.”*

*-- Jonathan Lau (Senior Communications Technology Teacher, Notre Dame College School)*

Photo: Neil Fernandes

CREATE. IMPACT. INSPIRE.  
CANADIAN YOUTH 'CHANGE CLIMATE CHANGE'



NATALIE BAIRD, University of Manitoba &  
Attagoyuk Ilisavik Students, Pangnirtung Nunavut  
Film: "Tariuq Tukajannik / The Ocean From My Eye"

Judge's Comment:

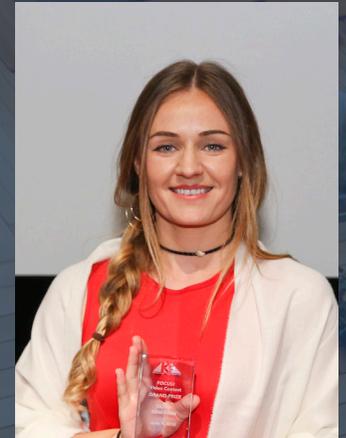
*"An evocative story about the local effects of climate change and how one community is working to adapt/educate the community about the impact of global warming in the future ... created with novel pin-hole techniques and extremely well-executed cinematography, editing, and sound."*

## FOCUS! POST-SECONDARY COMPETITION

In its inaugural year (2018), the FOCUS! Post-Secondary Climate Change Video Contest captured the attention of post-secondary students who were interested in telling the story of climate change impacts on local communities. In some cases, they shared ideas that could be pursued to mitigate its effect. Almost all submissions took a documentary form. We heartily congratulate our two winners.

OLIVIA SENESHEN, Capilano University  
Film: "A New Blueprint for an Old Home"

Judge's Comment:  
*"An inspiring piece that gives us great ideas and practical solutions in an engaging, hybrid style ... with a production level that is impeccable!"*



# CREATE. IMPACT. INSPIRE. CANADIAN YOUTH 'CHANGE CLIMATE CHANGE'

## FOCUS! SECONDARY (GRADES 8-12) CONTEST

While Post-Secondary entries remained in the traditional documentary tradition, the Secondary entries encompassed a jaw-dropping range of creativity, experimental treatment and a fantastic diversity of approaches and storylines. From spoken word to songwriting, from stop animation to live action, from narrative to documentary: the submissions astounded, humbled, inspired and saddened us. Together, Canadian youth "scream for change".

With over 400 students in Grade 8-12 across the country participating, our international panel of expert filmmakers had to make an extraordinarily difficult set of decisions. Ultimately, four (4) films stood out for their combination of provocative messaging, ingenuity and filmmaking skill.

### FIRST PLACE

Sasha Argirov & Nikita Kalugin  
(Lord Byng Secondary School)  
for "Frozen In Place"



Kevin (Jin Kwan) Kim (Walnut Grove Secondary School)  
for "What Will You Do About It?"

## HONOURABLE MENTIONS

Taishi Jingwen (Alexx), (Maple Leaf School – TRU),  
for "Remains"

Sarah Sheppard, Elsie Sheppard & Julie Sheppard  
(The Etobicoke School of the Arts, Abbey Park High School,  
& W.H. Morden Public School)  
for "The Case of The Green Menace"

Red Carpet photos by Butter Studios



## IMAGINE. EMBARK. CHANGE. INITIAL STEPS TO AN AMAZING FUTURE

### ABOUT THE PAT MORRIS PRIZE

The 'Pat Morris Prize' honours students of South Delta Senior Secondary School who have excelled in the arts, humanities and social sciences, and whose extra-curricular activities show evidence of leadership and community spirit. The prize is given in honor of the late Pat Morris (1936-2003), to encourage the study of subjects that she loved, and to promote the qualities that she valued most — determination, honesty, a love of learning, care for others, and community service.



## 2018 RECIPIENT

### MS. MAGGIE LAROCQUE

Ms. Larocque will be attending McGill University to study social and political sciences with the aspiration of going into human rights law. While attending high school, Ms. Larocque has demonstrated her leadership through a Model United Nations Vancouver conference, Delta Youth Advisory Council and countless hours spent volunteering with the Vancouver Food Bank and Canadian Blood Services, and coaching youth soccer.



## LOOKING TO THE FUTURE

In 2019 we will continue our programming to support the amazing intelligence, creativity, and passion of youth across Canada, supporting them to explore, transform and lead.

The Hugh C. Morris Experiential Learning Fellowship Program will continue to be run in 2019. Inspired by our inaugural fellows who seek to reshape Canada's role in energy development, to uncover breakthrough multi-disciplinary approaches to the treatment of disease, and to learn from indigenous peoples and those in the Global South, we will in 2019 privilege experiential journeys that seek to contribute to global sustainability, combat climate change, or lead to significant social impact.

The year ahead also will see expansion of the FOCUS! Climate Change Video competition. Our FOCUS! Climate Change Post-Secondary Short Form Video and Digital Media Competition now aims to become international in exposure and reputation. With longer format films (up to 10 minutes), we will showcase Canadian filmmaking excellence and Canadian commitment to climate change awareness-building and solution-making. The secondary competition FOCUS! Climate Change video contest will continue to build on the interest generated in 2018 and will provide a unique forum for Canadian youth to develop video making, awareness raising, artistic vision and science communication skill-sets.

Finally, 2019 will also see a redevelopment of the Pat Morris Prize creating a new initiative that recognizes and inspires community-based action.



Photo: Theron Finley



## SHARE OUR VISION

### FRIENDS AND PARTNERS

The Kimberley Foundation is extremely grateful to our Friends and Partners, whose generosity has enabled us to inspire and create change globally by supporting the learning journeys and dreams of young Canadians.

LEGACY PARTNERS  
Hugh and Pat Morris

SILVER PARTNERS  
Anonymous Donors

FRIENDS OF THE FOUNDATION  
Yvette T. Christiansö  
Anonymous Donors

We invite you to share the vision of Dr. Hugh C. Morris and Pat Morris and help us facilitate self-directed experiential learning, sponsor research, develop new leadership and engagement skills, and spark collaborative innovation. Together we can support the leaders of the future.

## FOUNDATION LEADERSHIP AND GUIDANCE

The Kimberley Foundation is led by an experienced, engaged Board of Directors:

- Ms. Katherine Hill - Chief Financial Officer, Hill Aircraft Service Ltd.
- Dr. Rosalind Morris - Professor, Anthropology, Columbia University, Filmmaker, and Author
- Ms. Susan Roppel - Principal, SR Management Consulting, and President, Kimberley Foundation

The Foundation is supported by the financial and auditing expertise of Mr. Neil Pope, First Vice President, Investment Advisor, CIBC Wood Gundy, and by Mr. Essop Mia, Principal, Hay & Watson Professional Chartered Accountants. Ms. Margaret Mason, Partner at Norton Rose Fulbright Canada, serves as the Foundation's legal advisor.

The Kimberley Foundation is thankful for the expert communications and web design provided by Mr. Ashish Mohan. It is also grateful for the dedicated volunteering by Cole R. (Grade 9 student), and especially his identification of climate change innovations and news stories for our "Cool Innovations" web pages and social media sites.



[www.kimberley-foundation.org](http://www.kimberley-foundation.org)

808 Seymour Boulevard  
North Vancouver, British Columbia  
V7J 2J6

E: [info@kimberley-foundation.org](mailto:info@kimberley-foundation.org)

