

OUR NEW CHANCELLOR

The Honourable
Murray Sinclair in his own words

MAKING WAVES

How two alumnae built
a fashion powerhouse

FAMILY TIES

At 102, an alumna cheers
on her granddaughter's grad

QUEEN'S ALUMNI REVIEW

S UNIVERSITY SINCE 1927



“The impact that
Promise Scholars
has had on my life
is more than I can
put into words.”

TRINITY ALLEN
P. 22

MAKING AN IMPACT

A GLOBAL LEADER: FIRST IN NORTH
AMERICA, FIFTH IN THE WORLD,
QUEEN'S LEADS THE WAY TO A
SUSTAINABLE FUTURE

SUMMER 2021



**1st in
CANADA**

**5th in the
WORLD**

**2021 Times Higher Education Impact Rankings,
a global ranking of more than 1,200 universities**

We are advancing the UN's
Sustainable Development
Goals within and beyond
our local community.

queensu.ca



Queen's
UNIVERSITY

CONTENTS

Summer 2021



Michelle Blumberg is following in the footsteps of her grandmother, Jean Tucker-Galipeau, who turned 102 this year.

Features



20

We're No. 1

A new ranking declares Queen's a leader in building a better tomorrow.

BY MICHAEL ONESI

28

Friends forever

A friendship of more than 60 years ends in a unique gift to future generations.

BY TONY ATHERTON

32

Riding the wave

How two commerce grads made a splash on the Forbes' 30 Under 30 list.

BY ROSEMARY COUNTER

36

Spirit of '41

A granddaughter prepares to graduate 80 years after her pioneering grandmother.

BY BLAIR CRAWFORD

On Campus

07 Campus News

A compendium of the latest Queen's news – and the people and things that are making it

12

The Big Picture

How Queen's research is combating a soupy mix of algae blooms



14

For the Record

Chancellor Murray Sinclair reveals his plans for Queen's – and his love of motorcycles

18 Work in Progress

Queen's research is unravelling the secrets of walking, step by step

Off Campus



41

My First Job

Miranda Anthistle of Global News found her calling working as a teenager at Ontario Place

42 Books and The Backstory

Jessica Lui takes an unconventional path and finds success along the way

44 If These Walls Could Talk

Alumni reflect on their home away from home in the University District

45 From the QUAA

We have work to be done to build an inclusive campus



46

How I Got Here

From a love of science fiction to advising NASA on its newest Mars rover

“You have to pay close attention to what a person is saying in order to learn about them and capture their truth.”

— MIRANDA ANTHISTLE, P. 41

52

Class Notes

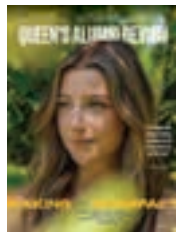
Where are your classmates and housemates now?

60 Coming Home

Tobi Moody, PhD'16, returns to the Faculty of Law

ABOUT THE COVER

Trinity Allen, photographed on July 14, 2021, in Kingston, Ont., by Brendan George Ko.



Allen is framed by the greenery of City Park, a stone's throw from the Queen's campus. "This story was about sustainability and so I wanted the image to reflect a subject immersed in nature and green," says Ko. "As if you are on a hike in the woods and you stop and the sun comes through the canopy and there is dappled light that hits your face – I wanted the photograph to feel like that moment, that pause."



BENEFIT TO THE WORLD

Good news is always welcome, but April's announcement from Times Higher Education in London brought particular pleasure and satisfaction. Out of 1,240 universities ranked for their work toward the Sustainable Development Goals of the United Nations (the SDGs), Queen's had placed fifth overall in the world and first in North America. For our work on SDG1 (No Poverty) and SDG16 (Peace, Justice and Strong Institutions) we topped the tables, while finishing in the top 10 on SDG2 (Zero Hunger), SDG11 (Sustainable Cities), and SDG15 (Life on Land).

These results gave our university the highest first-entry position of any institution participating this year, an achievement of which the whole Queen's family can be legitimately proud. Special acknowledgement must be made to the team which assembled Queen's submission, a Herculean project involving more than 600 separate pieces of evidence.

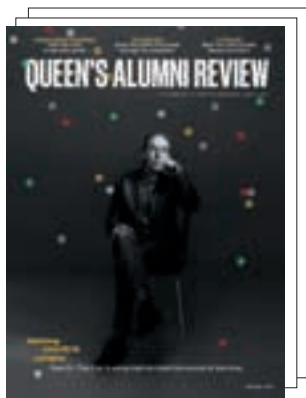
To speak of our participation as a "project" is both accurate and significant: the first because the Impact Rankings demand work from an institution, the second because that work has meaning, importance, and utility outside the immediate context which requires it. The decision to participate was in fact made because of the process to which that committed us – a process of institutional self-discovery and self-analysis, making use of the SDGs as a heuristic to help us see more clearly where we were already having impact in the world, and where we might hope to do so in the future. That Queen's fared so well was of course gratifying, but even if we had not done so, the process would have been just as valuable to us in pursuit of our mission and goals.

In May, the Board of Trustees approved a new Strategic Framework for Queen's. That outline of our vision, mission and values was distilled from a year-long conversation about the challenges and aspirations of the university, and its focus is on maximizing our global impact. The Strategic Framework shows the influence of our continuing engagement with the 17 SDGs. Indeed, the "project" of self-exploration which I just described was as important for our strategic planning as it was for our submission to the Impact Rankings. And this summer, as six working groups are meeting to build on the priorities laid out in the Strategic Framework, nearly 300 members of our university community have participated in a "17 Rooms" exercise modelled on the flagship program created by the Brookings Institution and the Rockefeller Foundation to stimulate collective action on the SDGs.

The SDGs are by no means the only framework within which we might measure and amplify our impact as an institution, but they provide an extremely helpful one. In the first place, they are extraordinarily comprehensive: it is difficult to imagine a taxonomy more encompassing of our diverse efforts than the Global Indicator Framework for the Sustainable Development Goals and targets of the 2030 Agenda for Sustainable Development. But the second and perhaps more useful aspect of the goals is their widespread currency. Universities around the world have adopted the 17 SDGs as a lingua franca, a shared vocabulary by means of which common interests can be identified and real and meaningful collaborations forged that will bring benefit rapidly and widely to the world.

Queen's can and must be an important player in that global effort. The Strategic Framework articulates our institutional vision in this way: "The Queen's community – our people – will solve the world's most significant and urgent challenges with their intellectual curiosity, passion to achieve, and commitment to collaborate." That last commitment, like SDG17 ("Partnerships for the Goals"), is the prerequisite for everything we might hope to achieve.

PRINCIPAL PATRICK DEANE



New look

Congratulations on the redesign of *Queen's Alumni Review*. While I'm not a Queen's alumnus, I read the *Review* cover to cover and I've held onto the issue for inspiration. The profiles of your newest Canada Research Chairs were especially well done. Clearly a lot of time and effort went into your rebranding and you've set a very high bar for alumni publications. The *Review* has the look and feel of *MIT Technology Review* so you are in very good company. If the *Review* was on a newsstand, I'd buy it.

JAY ROBB, Manager of Communications, McMaster University, Faculty of Science

Just wanted to say I really like the new visual design for the *Review*. Particularly the feature on Troy Day – felt very much like an issue of *WIRED*. Which is to say, it felt hip, energetic, and stylish.

BRENDAN FELL, Artsci'08

Congratulations on the new look! Really like the update!

TOM WILLIAMS, Principal Emeritus

My copy of the *Alumni Review* has just reached me here in Hong Kong. The new look is terrific, my congratulations to the whole team.

With my best wishes,
MARTIN BAGGALEY, Artsci'83

So proud that my son, BSc Math, got one in the mail this week alongside mine – next gen alum.
@BRAVE_BE (via Twitter)

What an honour

Andrea Gunn, former Editor of the *Queen's Alumni Review*, interviewed me last year for the piece "This is what nurses do."

That piece received the 2021 Prix d'Excellence award from the Canadian Council for the Advancement of Education (CCAE).

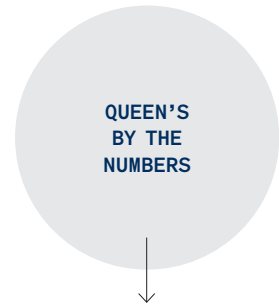
Being featured was an honour and the most revealing I've ever been about my life to anyone, let alone a worldwide community of alumni.

But that is what great writers do, isn't it? They peel away artifice and ego to get at the truth, and in my case Andrea induced a catharsis nearly 25 years in the making from when I started at Queen's as a skittish 17-year-old.

Institutional advancement happens largely because of emotional connections to Queen's, which is borne from stories and experiences that resonate.

And without Queen's Nursing faculty demanding excellence and courage of its graduates, I doubt I would have accomplished anything of much significance at all.

Warmly,
KATE KEMPLIN, NSc'01



Thanks to generous donations from Queen's alumni, the university is set to build a new pavilion for Richardson Stadium with enhanced amenities.

This new addition will be the finishing touch on the 2016 redevelopment of the stadium and complete the vision for its rejuvenation. Read more in Campus News.

300+
Number of donors who made the pavilion project possible

10 Million
And counting. Number of dollars in donations

15
Number of years in the making

22
Number of months until expected completion

28,500
Approximate number of square feet in the new pavilion



WRITE TO US

The Queen's Alumni Review welcomes comments at review@queensu.ca. All comments may be edited for clarity, civility, and length.

[@queensureview](https://www.instagram.com/queensureview)

QUEEN'S ALUMNI REVIEW

VOLUME 95, NO. 2, 2021

QUEEN'S UNIVERSITY PRINCIPAL
AND VICE-CHANCELLOR
Patrick Deane

VICE-PRINCIPAL (ADVANCEMENT)
Karen Bertrand, Artsci'94

EXECUTIVE DIRECTOR, MARKETING,
COMMUNICATIONS AND DONOR RELATIONS
Scott Anderson

DIRECTOR, MARKETING AND PUBLICATIONS
Alex Beshara

DIRECTOR, STRATEGIC COMMUNICATIONS
AND EVENTS (ACTING EDITOR)
Ruth Dunley

COPY EDITING AND PROOFING
Matthew Harrison, Benjamin Lawrence,
Cat London (Artsci'03), Anita Murray (Three C
Communications), Angel Schur (Artsci'98)

ART DIRECTION
Studio Wyse and Wendy Treverton

WRITERS
Tony Atherton, Rosemary Counter, Blair Crawford
(Artsci'86), Christopher Guly, Deborah
Melman-Clement, Anita Murray, Michael Onesi,
Peter Robb (Artsci'76), Tom Spears

PHOTOGRAPHERS AND ILLUSTRATORS
Greg Black, David Chan, Bernard Clark,
Jason Franson, Brendan George Ko, Nathalie Lees,
Angela Lewis, Lucy Lu, Christopher Katsarov Luna,
Miguel Porlan, Brianna Roye, Skye Spence,
Wendy Treverton, Heyden Wainwright

CONTACT US

ONLINE queensu.ca/alumnireview

EMAIL review@queensu.ca

TWITTER [@queensureview](https://twitter.com/queensureview)

PHONE 1.800.267.7837

(toll-free in Canada and U.S.)

ADVERTISE IN THE REVIEW advert@queensu.ca

The Queen's Alumni Review is published by the Queen's Office of Advancement. Queen's is a member of the Council for Advancement and Support of Education and the Canadian Council for the Advancement of Education. Subscriptions are free to alumni, \$25 cdn/year for others.

Opinions expressed in the Review are not necessarily those of Queen's University.

Queen's Alumni Review (circ. 130,000)
issn #0843-8048

TO UPDATE YOUR ADDRESS

or change your subscription to either the online or app version, email: review.updates@queensu.ca or call 1.800.267.7837 (toll-free in Canada and U.S.)

Canada Post publications mail permit #41089017

Queen's Alumni Review
Queen's University Old Medical Building
50b Arch Street, Kingston, ON K7L 3N6
Phone: 613.533.6000 ext. 77016

Queen's University is situated on traditional Anishinaabe and Haudenosaunee Territory



CONTRIBUTORS

“It was a joyful time, definitely a warm family welcome.”—SKYE SPENCE



Skye Spence is a Winnipeg-based Indigenous media creator with experience in photography and video. Spence photographed Queen's Chancellor Murray Sinclair at his home in Manitoba in July. See images from the session on page 14.



Chancellor Sinclair's family at home in Manitoba. From left: daughter Deneé Sinclair, son Niigaanewidam Sinclair, granddaughter Sarah Fontaine-Sinclair, wife Katherine Morrisseau-Sinclair, Chancellor Murray Sinclair, daughter Gazheek Sinclair and her partner Karolya Hutniak Vargscarr.



Rosemary Counter is a writer and journalist based in Toronto. With degrees in English and women's studies in hand, she's popped up everywhere from *Maclean's* and *Elle* and *Vanity Fair* and the *New Yorker*. In between deadlines, she wrote *The Decadent Housewife: How to Live Lavishly on His Budget*, a sassy aspirational lifestyle guide to idleness and luxury that's nothing like her own life, she swears. Read: "Against the Current," on page 32 and "First Up" on page 41.



Over the past 30 years, **Tom Spears** covered the environment beat for the *Toronto Star* and later science and environment news for the *Ottawa Citizen*. He has covered many space-shuttle missions – some of them from Florida and Houston – as well as covering Canada's role in the exploration of our solar system. He retains a soft spot for news about our natural world. Read: "The Big Picture" on page 12, "Step by Step," on page 18, and "Mission to Mars" on page 46.



Brendan George Ko grew up in Toronto but has lived in various locations across North America – he is now based between Toronto and Hawaii. Ko has a Bachelor of Fine Arts and is a visual storyteller who works in photography, video, installation, text and sound. His work has been featured in the *New York Times*, the *New Yorker*, the *Globe and Mail*, *Vogue*, the *Walrus*, and *Maclean's*. See Ko's photography in "Making an Impact" on page 20.

When we look back on our lives, it's the moments we remember. The moment the sound of bagpipes filled the air as you made your way to class. The moment you learned what it takes to win. The moment you found your people. The moment you found yourself. **We are Queen's alumni.** And we are united by the moments that shaped our lives. Get ready for another moment to remember.

United by Moments



HOMECOMING

QUEEN'S UNIVERSITY

See you online queensu.ca/homecoming

ON CAMPUS

The Ceilidh, the large open gathering space at the heart of the JDUC, will be renamed the Jim Leech Ceilidh Centre in his honour.



Jim Leech's term as the 14th Chancellor of Queen's University is worth celebrating. For seven years, the MBA'73 graduate has spent countless hours presiding over 174 convocations, conferring 43,601 degrees, supporting students, and stewarding important relationships with key alumni and partners. As his term came to a close on July 1,

What: The reimagined Ceilidh, as part of the John Deutsch University Centre Revitalization Project
Where: John Deutsch University Centre, Queen's University, 99 University Avenue, Kingston, Ontario

CAMPUS NEWS

↓
members of the Queen's community thanked the chancellor for his tireless efforts.

A fundraising campaign on behalf of Mr. Leech exceeded its goal, raising \$1.75 million in new gifts and commitments to support the revitalized John Deutsch University Centre (JDUC). The ceildh, the large open gathering space at the heart of the JDUC, will be renamed the Jim Leech Ceildh Centre in his honour.

"Jim has given so much to this university and its students. It has been an honour to co-lead the effort and recognize his many years of volunteerism, philanthropy, and leadership," says Barb Palk (Arts'73), the former Queen's Board of Trustees chair and co-chair of the fundraising campaign alongside Stephen Smith (Sc'72, LLD'17).

Mr. Leech assumed the role of chancellor after retiring as CEO of the Ontario Teachers' Pension Plan in 2013, but his relationship with Queen's goes as far back as the 1960s, when his father, Brig.-Gen. George Leech, served as the university registrar.

The Honourable Murray Sinclair became the university's 15th chancellor on July 1.

The Scholars

Queen's Student Becomes Inaugural McCall MacBain Scholar

After a rigorous six-month application process, Queen's student Nicole Osayande (Com'21), is one of 20 Canadians chosen as inaugural McCall MacBain Scholars. The program enables

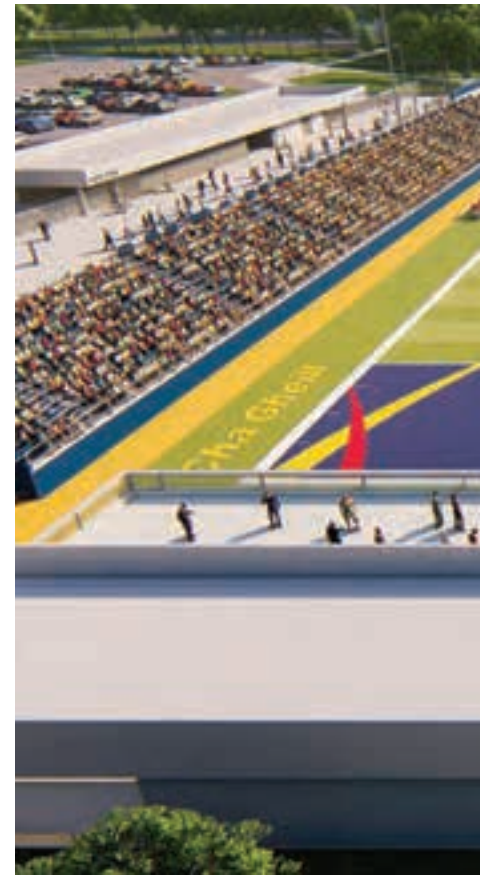
students to pursue a fully funded master's or professional degree at McGill University while connecting with mentors and participating in a leadership development program.

It is the country's first comprehensive leadership-based scholarship for master's and professional studies and more than 735 people applied. Scholars were chosen based on character, community engagement, leadership potential, entrepreneurial spirit, academic strength, and intellectual curiosity.

After hearing she was one of the first students in her Toronto high school's history to attend Queen's, she started the Queen's Student Diversity Project to encourage other students of diverse backgrounds to consider applying to the university.

Ms. Osayande's work in biomedical computing at Queen's included collaborating with a professor to build software modules for a hip replacement surgery tool. She will pursue a master's degree in biological and biomedical engineering at McGill.

McCall MacBain Scholar Nicole Osayande (Com'21). ▶



Two additional Queen's students, Mikyla Callaghan and Rhianna Hamilton, were offered McCall MacBain Finalist Awards (\$10,000) for their master's or professional studies.



▲
An aerial image of Richardson Stadium, including the pavilion.

The Gift **Alumni Donations Pave Way for Richardson Stadium Addition**

Thanks to generous donations from Queen's alumni, the university is set to build a new two-storey pavilion for Richardson Stadium that will provide enhanced amenities for athletes, coaches, and spectators. The addition is the final piece of a redevelopment project to rejuvenate the stadium that started in 2016.

Queen's announced the gifts behind the project during an online event April 15. More than 300 donors contributed more than \$10 million to make the pavilion possible, with the lead gift coming from Stu Lang (Sc'74) and Kim Lang (Artsci'76).

"I think I can safely speak on behalf of all past and present football Gaels when I say that this pavilion will be a point of pride for Queen's University, and something that brings all of us together as a community," says Stu Lang, a former Canadian Football League player who also played for the Gaels as an undergraduate.

The addition, expected to be completed in spring 2023, will provide coaches and athletes with modern preparation spaces and athletic therapy and hydrotherapy facilities. It will also enable more varsity teams and greater gender inclusivity at Richardson Stadium, will help athletics programs attract and retain top student-athletes, and will provide increased access to the stadium for Kingston community members.

The upgraded amenities include dedicated game-day gathering spaces for alumni and alumni events. And the pavilion will

connect the entire stadium at the concourse level and provide the permanent home of the Gaels Club, which will offer concessions for spectators as well as an elevated viewing area.

The Accomplishment **Homegrown Software Platform Becomes World-Class Solution**

An online platform initially created to assist Queen's Faculty of Health Sciences (FHS) has grown to become the first-ever Queen's-owned corporation.

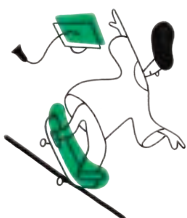
The Elentra platform was commissioned in 2004 to organize data around the stringent requirements for the Queen's School of Medicine's accreditation process and to create a centralized location for students to access up-to-date schedules and resources.

Four years later, Queen's launched a consortium to allow for collaboration on the development of Elentra with other institutions.

As news spread of Elentra's outstanding design and functionality, FHS started to receive inquiries from institutions that were interested in using Elentra for their programs. To meet the demand, Elentra was adapted to allow for a hosted cloud service and by 2020, 10 institutions signed on to Elentra Cloud, pushing the platform's total global user base to 30 institutions.

In response to this dramatic growth, on Feb. 1, Elentra officially launched as a separate legal entity, resulting in the first-ever Queen's-owned corporation.

Leslie Flynn, FHS Vice-Dean of Education, says, "Institutions and students from across the world will benefit from this platform, and that should be a huge point of pride for the Queen's community."



The Accolade

Recognizing Outstanding Leadership in Medical Research

Queen's researcher Elizabeth Eisenhauer has been awarded Canada's top medical research prize, receiving the 2021 Canada Gairdner Wightman Award for outstanding leadership in medicine and medical science.

The award recognizes a Canadian health researcher who has demonstrated extraordinary leadership paired with exceptional science. Of the 394 scientists who have received the award since 1959, 92 have gone on to receive the Nobel Prize in medicine.

Dr. Eisenhauer's research has established new standards in cancer treatment that have impacted patients worldwide. Her insight has been key to the creation of new treatments for ovarian cancer, malignant melanoma, and brain tumours, and her work has expanded the understanding of therapeutic interventions.

"Not only has her research had an impact on cancer patients in Canada and around the world, she is a role model and mentor for women in health research," says Faculty of Health Sciences Dean Jane Philpott.



Dr. Wanda Costen, the new dean for Smith School of Business.



The Newsmaker

Queen's Professor Wins Highest Accolade in Electrical Power Field

A pioneer in the field of high-frequency power conversion technology has been awarded the highest honour in electrical power from the Institute of Electrical and Electronics Engineers, which is the world's largest technical professional organization for the advancement of technology.

On May 13, Queen's professor Dr. Praveen Jain, Director of the Queen's Centre for Energy and Power Electronics Research in the Department of Electrical and Computing Engineering and the Canada Research Chair in Power Electronics, was awarded the 2021 Medal in Power Engineering in recognition of his 40 years of career research and achievements.

▼
Dr. Praveen Jain is an international expert on power electronics and space, computers, and renewable energy systems.

Dr. Jain is the third Canadian ever to receive this medal.

The Change

Trailblazer Named Dean of Smith School of Business

Queen's new dean of Smith School of Business is a trailblazer who brings a unique combination of experience to the role.

Wanda Costen's experience combines academia – as a dean, senior administrator, researcher, and professor – with both a private- and public-sector management career.

Dr. Costen has a PhD in sociology from Washington State University as well as an executive MBA from Pepperdine University, and she completed her undergraduate degree at the United States Military Academy at West



Point, in only the seventh West Point class to include women. In 2013–14 she was a Fulbright Scholar with the University of the West Indies in Jamaica.

Her research interests encompass women and leadership, strategic human resources, racial and gender inequality in organizations, managing diversity, and ethnic minority student experiences.

Dr. Costen's five-year term began July 1.

The Innovators

Tour Queen's Campus From Inside a Video Game

This past spring, almost 100 prospective engineering students from around the world came together to share in a unique recruiting event – touring campus from inside a game.

Minecraft is a popular video game in which users build their own worlds with blocks, similar to virtual Lego.

Thanks to QUCraft – a campus

Minecraft club – the build came together over the course of a year with the dedicated help of more than 100 students and alumni.

The club's aim was to connect the Queen's community by recreating the campus on Minecraft when COVID-19 made it impossible to visit in person.

Kevin Deluzio, Dean of the Faculty of Engineering, says as far as a virtual recruiting event goes, it was possibly, "a first in the nation, if not the world."

QUCraft continues the build today with plans to finish campus exteriors by the end of the year, followed by interior floor plans.

Visit map.qucraft.me to see daily updates on the build progress and take a personal virtual tour of the Queen's campus.

The Appointment

Artsci Grad Named New Vice-Principal (Research)

Nancy Ross (Artsci'90, MA'92) is the new vice-principal (research) following unanimous approval by

the Board of Trustees.

Dr. Ross is the former associate vice-principal (research and innovation) at McGill University and succeeds interim Vice-Principal (Research) Kimberly Woodhouse, who had been in the role since 2018.

A recognized expert in population health, Dr. Ross is a Tier 1 Canada Research Chair, a member of the Department of Geography, and an associate member of the departments of Epidemiology, Biostatistics, and Occupational Health and Epidemiology at McGill. A social scientist by training, she has conducted award-winning interdisciplinary research funded mainly by the Canadian Institutes of Health Research and she is past editor-in-chief of *Health Reports*, Canada's flagship population health journal.

A proud Queen's alumna, Dr. Ross received her BA and MA degrees in geography. She obtained her PhD in geography from McMaster University and subsequently worked as a senior research scientist with Statistics Canada. She joined McGill's faculty in 2001.

Her five-year term began on Aug. 1 and she is a faculty member in the Faculty of Health Sciences. 🏰



Looking south down University Avenue, inside Minecraft's campus replica. ◀



A blooming question

How Queen's research is helping combat a global algae problem

TOM SPEARS

On a hot day in early summer, Allen Tian is using a drone's camera to find a threat that turns sections of the Rideau waterway into an unhealthy green soup.

As a PhD student, he works at the Queen's University Biological Station (QUBS), a field lab for many environmental questions. Here, Mr. Tian and colleagues study algae, single-celled organisms in lakes and rivers that multiply faster than internet rumours, turning our precious waters soupy – deadly to fish, and even dangerous to humans (not to mention other animals that may drink from lakes).

"The smell is atrocious," he says.

His group studies a problem that is growing globally due to factors such as a warming climate and the spread of fertilizers that algae feed on. Algae "blooms" (population explosions) can damage multi-million-dollar commercial and sport fisheries, wildlife, and the simple pleasure of a day by the water. His advice: "Don't drink the lake water."

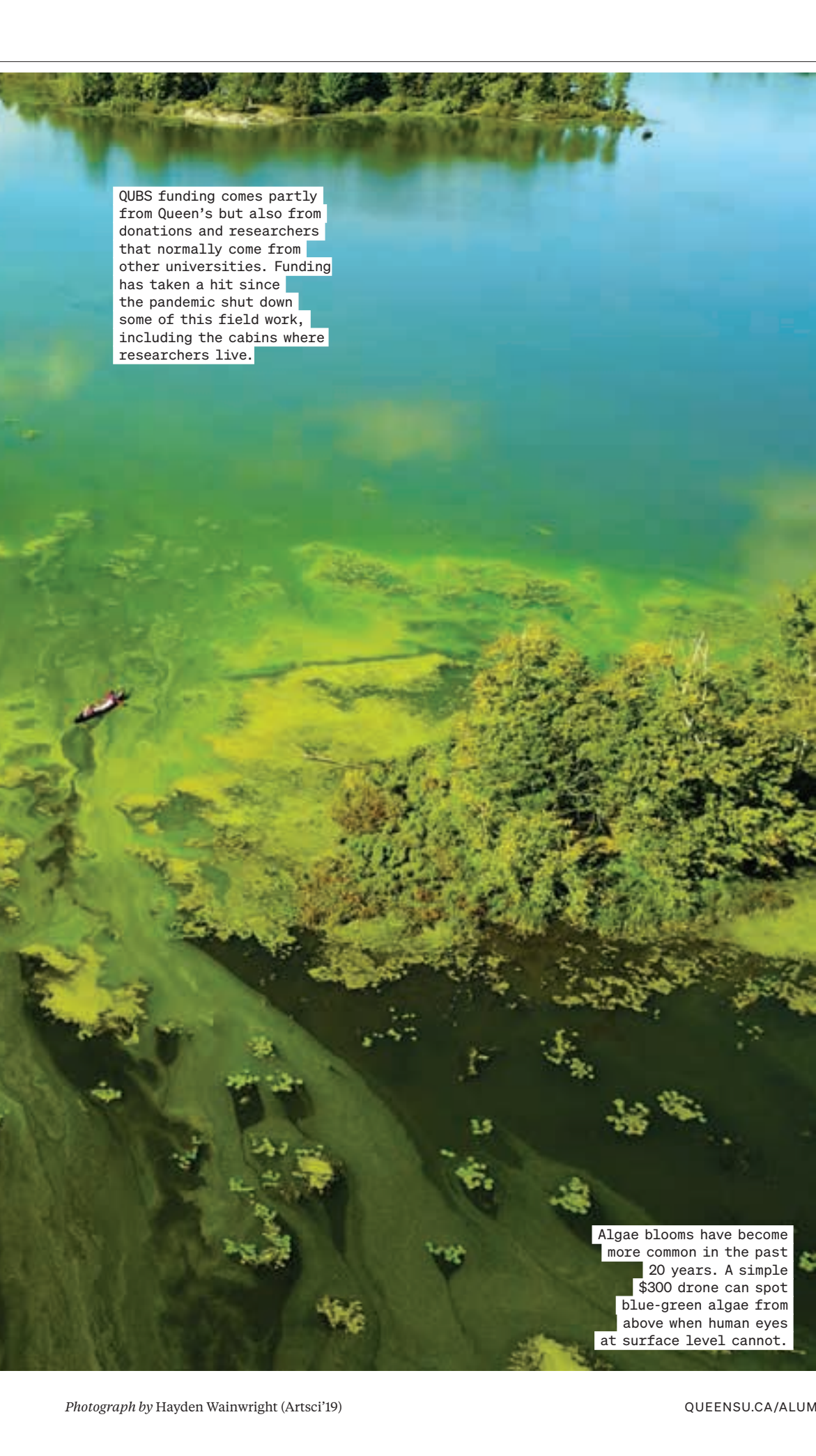
► This image won the Out in the Field category in the 2020 Queen's University Art of Research photo contest.



Algae multiply in vast numbers and soon die, and the decomposing process removes huge amounts of oxygen from the water. This creates low-oxygen areas where fish may not survive, widely known in Lake Erie but also a threat in the Rideau system.

Mr. Tian studies environmental DNA, the genetic material of different algae types that is sampled from lake and river water. The same technology identifies variants of the COVID-19 virus from viral RNA in city wastewater.

Mr. Tian focuses on small lakes, where the rural residents have nowhere near the research and monitoring power that cities around the Great Lakes can muster. Mostly he studies blue-green algae, a type known for releasing toxic chemicals into water.



QUBS funding comes partly from Queen's but also from donations and researchers that normally come from other universities. Funding has taken a hit since the pandemic shut down some of this field work, including the cabins where researchers live.

Algae blooms have become more common in the past 20 years. A simple \$300 drone can spot blue-green algae from above when human eyes at surface level cannot.

BY THE NUMBERS

5,000 km²

Coverage from Lake Erie's record-breaking algae bloom of 2011. (the University of Michigan reports)

\$5.3 billion

Estimated cost to Canada of algae blooms on Lake Erie over 30 years, if uncontrolled. (Environment and Climate Change Canada, 2019)

Tourism



Would be hardest hit, losing \$110 million per year.

14,900 km²

Average area creating an annual "dead zone" (from low oxygen) caused as algae growth pollution is carried down the Mississippi River to the Gulf of Mexico.

Lake Taihu



One of China's largest freshwater lakes is sometimes covered in algae blooms, making the water supply for millions of people temporarily unfit to drink.



This July, The Honourable Murray Sinclair became the 15th chancellor of Queen's University. Here he tells us, in his own words, why he came to Queen's, what his priorities will be, and how we can all play a role in Truth and Reconciliation.

Tell us a little bit about why you wanted to come to Queen's and what you are most looking forward to in the months ahead.

I didn't really want to take on another task after retiring from the Senate, but I did. I had a number of conversations with (Principal Patrick Deane) about things such as the name of the Law School building and Queen's long history. This would be an opportunity to perhaps influence the direction of the university. Queen's is a leader among all the universities in Canada, so I thought this was an opportunity to set a course across the country with other universities and address the issues around inclusion, diversity, and reconciliation appropriately.

What are some of your priorities as you begin your new role as our Chancellor?

My first priority is to learn about the university's internal functioning and administration and finding a comfortable fit. I intend to continue to participate as fully as possible with university committees as previous chancellors have participated. I've had a couple of discussions with Chancellor Leech and the Chair of the Board (Mary Wilson Trider, Com'82) and they have been very helpful.

My priorities as I am learning about the

university are to look at the issues around the history of the university and its connection to Sir John A. Macdonald. Participating in a discussion around the new name of the Law building is going to be important.

Advancing the university in respect to Indigenous scholarship across the country is an important role. I want to ensure that the university is going to be in a stronger position and be one of the leaders in the dialogue around reconciliation at the post-secondary level.

You have previously said that it will take decades to undo Canada's history of abuse toward Indigenous Peoples and that "we have to turn that 150 years of negativity into generations of positivity." How can the average person contribute to that positivity?

There are a number of preliminary steps every person has to take. One is to recognize their obligation to participate and do what they can. As my colleague (Truth and Reconciliation) Commissioner Marie Wilson is fond of saying, "Reconciliation is not a spectator sport." Canadians can't clap from the sidelines. They have to be part of the parade.

Secondly, individuals have an obligation to inform themselves of the history of residential schools, oppression, and systemic racism in our public schools. People need to lead the





“We’re changing the culture from one that is very elitist to one that is striving toward equity.”

years before that, what it meant to be a Cree, what it meant to be Ojibway, the difference between all the tribes. As they are getting older, we want them to be educated to be anti-racist, not just non-racist, so they will confront racism when they see it.

There is a quote from you that hangs in the Queen’s Law atrium: “The road we travel is equal in importance to the destination we seek. There are no shortcuts. When it comes to truth and reconciliation we are forced to go the distance.” We are travelling that road right now – as individuals in the Queen’s community. How can we best measure our progress on that road?

I want to discourage people from focusing on things like saying, “We’ve done 35 out of the 94 (Truth and Reconciliation Commission’s) calls to action, therefore we are almost finished.” The reality is we are building a new relationship into what it should have been before Confederation. So, we need to understand what we did wrong all those years before. For the longest time, the Indigenous Peoples have been gas-lighted by the government of Canada into believing they are inferior and

that the white man came here and saved them. Indigenous People were denied the education of their creation story, their history, their traditions, and laws. Now what we need to do as a society is recognize the wrong of all of that and put Indigenous Peoples back in a position where they have a right to get back their self-respect and knowledge. Non-Indigenous People have to recognize the myth of their own superiority that they have been led to believe. The government and society need to accept that they need to change.

Many members of the Queen’s community will be familiar with your legal work, and, of course, your ground-breaking role leading the Truth and Reconciliation Commission. Tell us something about you that people don’t know, or that you’d like them to know.

I love riding motorcycles. I started when I was a teenager. I love riding in the open air and the sense of being on a machine while also communing with nature. It gives you a sense of solitary and being with your own thoughts. I am 70 years old, so picking up a heavy motorcycle when it falls over (is difficult), so I decided to buy a three wheeler. I am riding a Can-Am Spyder now. 🍀

▲
Chancellor Murray Sinclair and his well-loved (and recently acquired) Can-Am Spyder F3 three-wheeled motorcycle.

way to ensure that their children and their grandchildren are receiving a more balanced education about the history of this country.

The third thing is, find something you are capable of doing in terms of workload and interest level and include the dialogue of reconciliation in it.

So people can do a lot of things. I say, if nothing else, talk to your kids about reconciliation to ensure your children are aware.

You have also been quoted saying that “education has gotten us into this mess, and education will get us out.” Can you tell us more about the role post-secondary institutions can play in the future of truth and reconciliation?

The role of post-secondary institutions is part and parcel of an overall change in the way we educate children publicly, whether it is children in Grade 1 to all the way to high school and post-secondary students. We want children at the early years to get a more balanced view of this country. We want them to know that the history of this country begins before 1492 (when Christopher Columbus arrived in North America). They’ll know Indigenous Peoples had been here for thousands of

PLANNING MAKES A DIFFERENCE

"I believe in the potential of Queen's to educate students, further knowledge, and perpetuate the most important values of Canadian society – in my own way, those values are what I want to express in my gift."

Dr. Sandra Olney, MEd'74
Former Director of School of Rehabilitation Therapy and legacy donor

Dr. Olney included The Rehabilitation Therapy Excellence Fund in her estate plans.



Step by step: Unravelling the secrets of walking

Queen's research a game changer for those who are on their feet all day

BY TOM SPEARS

A Queen's engineering team has designed a device that saves a little energy for people who are on their feet all day. The results of their study, led by Dr. Michael Shepertycky, have just been published in *Science*, regarded by many as one of the world's top research journals.

Dr. Shepertycky was still a PhD student in biomedical engineering when the team submitted the paper, making the achievement even more special.

He and his supervisors, Dr. Qingguo Li and Dr. Yan-Fei Liu, discovered a paradox: they could make it easier for people to walk by creating a device that removes energy from the legs during each step, saving the user energy in the long run.

Here's how it works: Humans, like cars, have to hit the brakes sometimes. You cannot walk – or drive – using the accelerator alone. For humans, the braking action occurs during the swing period of gait, prior to the foot contacting the ground. The team's new device, called an exoskeleton, applies slight resistance to the leg motion at this critical point.

"If the muscles were to not slow down the leg, the impact forces generated when the foot contacts the ground would be large and potentially damaging," says Dr. Li. "The human body is not like a car – it does not have a brake disc. Humans use the muscles at the back of the leg to brake the [swing] motion."

Your legs slow down and stop on cue, but this braking requires energy. The device does part of the braking; therefore, your muscles and the device share the work. This reduction in muscle activation saves you energy.

Dr. Shepertycky explains, "Taking away energy to help a person walk is counterintuitive, but because the knee muscles naturally remove energy, helping them do so makes



< 1kg

The weight of the device

2.5%

Average energy saved during a walk



walking more efficient. The device's resistance feels natural and does not impede forward movement, but after a long day of hiking or walking (for instance, after a nurse's long shift), one is likely to be less tired."

The exoskeleton acts gently to avoid hitting the brakes too hard, says Dr. Li. The key is "the timing and the magnitude" of the braking action.

The device is small, weighing less than one kilogram, and is mounted to a backpack with a cable extending down each of the user's legs, attaching just above the ankle.

The device converts the removed energy into electricity using a tiny generator. The researchers hope that, in the future, this electricity could power the exoskeleton's active control system, with the surplus powering portable devices in remote locations for wilderness hikers or others operating far from a power source.



By tracking the movements of volunteers on treadmills and measuring their energy consumption, the group determined that a person saves 2.5 per cent of the energy normally required to walk. Although a couple of percentage points may not sound like a lot, it is: Any car manufacturer would be thrilled to cut fuel consumption by 2.5 per cent.

This is just the start. While the device is not yet ready for store shelves, this study highlights its potential. “As our understanding of the biomechanics of walking improves and we optimize the device, the energy saving will go up,” Dr. Shepertycky says.

Dr. Shepertycky is from Thompson, Man., a small northern community. He came to Queen’s in 2007 for its tight community and its excellent engineering program, and he has stayed for all three degrees. With the team, he started the exoskeleton project 11 years ago as an undergrad.

▲ The device is small - like a backpack with cables extending down each of the user’s legs.

“Our original device focused on generating electricity from human movement. Early evaluation of the device revealed the potential for providing user assistance. Since then, we have focused on developing this unique means of helping the user. The device is based on a simple idea, but it took years to perfect,” he says. While there were several roadblocks along the way, “I think every time that we did not achieve our goal, I already had ideas about how to improve the device. We were always progressing.”

Dr. Shepertycky says he was lucky to have completed all his hands-on lab work by early 2020, which allowed him to keep analyzing data and writing after the lab closed.

The current prototype is the fourth, nicknamed Watson (as in watts of power). The previous one was Joulia (energy is measured in joules). Lab humour.

Science published the work in May.

The team has patented its device and hopes to commercialize it, but that is down the road.

Dr. Li explains that walking still has secrets, even after centuries of study.

“Biomechanists and physiologists are still figuring out the fundamentals of human gait. It’s an ongoing topic.”

This study is one of the many steps in understanding human walking. 🏆



MAKING AN IMPACT

QUEEN'S IS FIRST IN NORTH AMERICA, FIFTH IN THE WORLD, OUT OF MORE THAN 1,200 POST-SECONDARY INSTITUTIONS RANKED FOR SUSTAINABLE DEVELOPMENT EFFORTS.

By Michael Onesi

Photographs
by Brendan George Ko





Members of the Queen's community are always trying to make the world a better place. Now Queen's has been declared a global leader when it comes to building a better tomorrow.

The *Times Higher Education (THE)* Impact Rankings has ranked Queen's first in North America and fifth in the world when looking at advancing the 17 Sustainable Development Goals (SDGs) adopted by the United Nations in 2015. The 2021 rankings examined more than 1,200 post-secondary institutions from 94 countries and focused on categories such as gender equality, clean water, and sanitation.

"At Queen's we believe our community – our people – will help solve the world's most significant and urgent challenges through our intellectual curiosity, passion to achieve, and commitment to collaboration," Patrick Deane, Principal and Vice-Chancellor, said when the rankings were released. "We are humbled to be recognized in this way for the impact we're having in our local and global communities, but we recognize how much still needs to be done. We are, however, pleased to know we are on the right track, and have our eyes set even more firmly on the future."

Queen's submitted more than 600 examples of how it is advancing the United Nations SDGs and trying to be a leader in global development. Here are a few ways the university is making a difference, both on campus and around the world.

Sustainable Development Goal:
No Poverty

Queen's Initiative: [Promise Scholars](#)

A promising student should be able to study at Queen's and not have financial barriers limit their potential. So, in 2019, Queen's announced a transformative opportunity – the Promise Scholars program – to help increase access among qualified Kingston-area students with financial need who are first in their family to attend university.

The fall of 2020 marked the inaugural class of the first five Promise Scholars. Each scholar received comprehensive financial support to cover costs of tuition each year, as well as accommodation in residence in first year and a living allowance in upper years. Designed in partnership with local school boards, the program allows scholars to graduate without student-loan debt, and connects them to advisers who provide guidance on academics, financial planning, and career preparation to help them thrive. A summer internship program is another key component of the program.

Trinity Allen, a Faculty of Arts and Science student and a member of the first cohort of Promise Scholars, says the program is a great resource for anyone who feels they may not be able to afford a university education.

"The impact that Promise Scholars has had on my life is more than I can put into words," says Ms. Allen. "I'm the first person in my family to attend university, and Queen's has connected me with resources for everything from academics to mental health to make sure I'm set up for success."

Queen's has a history of graduates who go on to make a difference in the world. The Promise Scholars program is our opportunity to support first-generation students in participating fully in university life as they pursue their dreams.

Sustainable Development Goal:
Clean Water and Sanitation

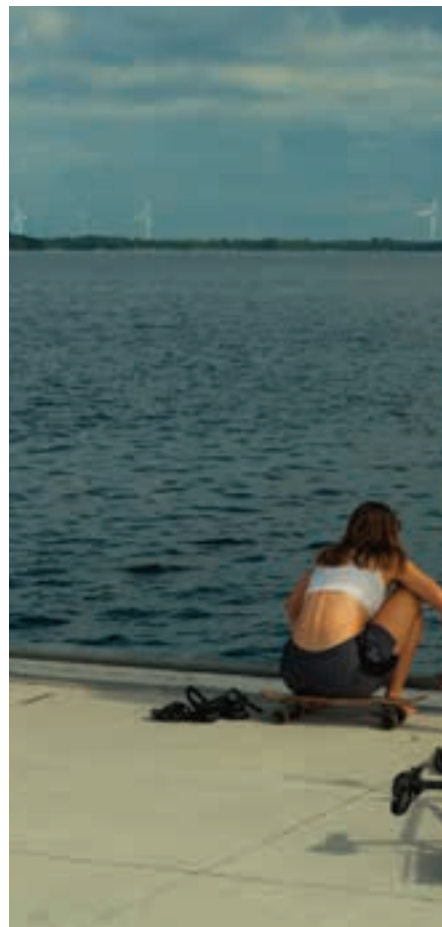
Queen's Initiative: [Beaty Water Research Centre](#)

THE Beaty Water Research Centre (BWRC) brings together engineers, public-policy experts, researchers, and scientists to work together to make sure everyone has access to safe drinking water, both now and in the future.

They help politicians and government officials develop public policies, train students to become the next generation of leaders focused on protecting our natural water resources, and have experts



Student Trinity Allen says Queen's has connected her with the resources she needs to be successful as part of the Promise Scholars program.





◀ Queen's submitted more than 600 examples of how it is advancing the United Nations Sustainable Development Goals (SDGs) to be a leader in global development. Among the evidence provided were details about programs that support clean water and sanitation, zero poverty, zero hunger, sustainable cities and communities, life on land – all areas where Queen's was judged to have excelled.

tackle the world's water-related problems through innovation, technology, and research.

BWRC Interim Director Professor Kent Novakowski feels access to safe drinking water should get the same public attention as global warming and climate change.

"If you happen to be one of the people who have poor access to good water, the issue is very high on your priority list. If you look across the country, we have boil-water advisories in various jurisdictions on a continuing basis, particularly with First Nations communities," says Prof. Novakowski. "Safe drinking water is a basic human right and there are many locations around the world where that is not true."

BWRC researchers are involved in many projects – some of which go beyond drinking water. Two professors are now studying sewage water to help protect Canadians during the pandemic. They received funding to develop ways to detect levels of COVID-19 in wastewater. Studies have shown the virus appears in people's stool even before symptoms begin. Tracking levels of COVID-19 in sewage waste can predict upcoming outbreaks and gives health officials extra time to prepare.

Sustainable Development Goal: Zero Hunger

Queen's initiative: [The Tea Room](#)

THE Tea Room, in Beamish-Munro Hall, has always been an environmentally friendly and socially conscious café. That was the vision of Michelle Romanow (Sc'07, MBA'08) – now a successful entrepreneur and star of CBC TV's *Dragons' Den* – when she launched the café in 2006.

So when a student buys a coffee or tea from the Tea Room, it is about more than a caffeine boost. They are helping make the world a better place.

The Tea Room is often an early adopter of environmental policy, going carbon neutral in 2014.

While the Tea Room is known for its green policies, manager Thomas Mulvihill (Sc'23), wants people to know it is socially conscious as well. Having a certified fair trade food policy – which means students know the farmers in developing countries who picked the coffee beans were paid a livable wage and not exploited – has been a part of the Tea Room since it first opened 15 years ago.

"The Tea Room's goal is to bring awareness to the fact that it's possible to pay workers fair wages through fair trade policies, while also remaining a fiscally sustainable business," says Mr. Mulvihill. "We are seeking equity throughout the world and [fair trade] really does help contribute to sustainable development."

↓ Clarinetist David Gazaille works for the Isabel Bader Centre for the Performing Arts, which, along with the Agnes Etherington Art Centre, was part of the support for the Sustainable Cities and Communities Sustainable Development Goal.



Sustainable Development Goal:
Sustainable Cities and Communities

Queen's initiative: Agnes Etherington Art Centre and Isabel Bader Centre for the Performing Arts

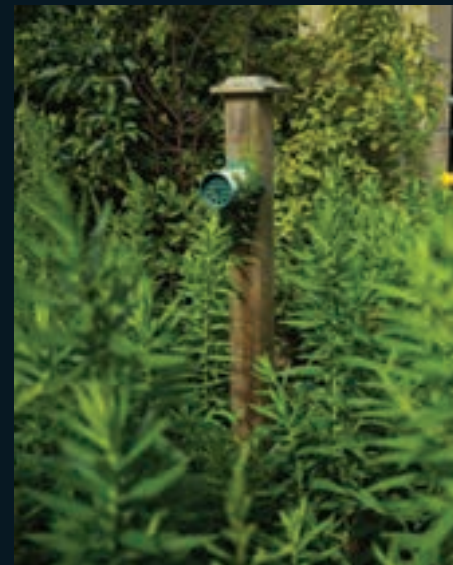
THE transformative power of art can inform, heal, challenge viewpoints, and foster change. To inspire as many people as possible and help shape communities, the Agnes Etherington Art Centre and the Isabel Bader Centre for the Performing Arts have programs that make art accessible to people in Kingston and around the world.

Agnes has free admission, providing welcoming access to exhibitions, programs, and collections for diverse audiences to experience the transformative power of art. Agnes's programs and residencies foster community well-being.

The Isabel attracts top artists around the world to its stage, and turned to technology in 2020 to solve the COVID-19 problem of hosting concerts without crowds. It streamed high-fidelity concerts and the Bader and Overton Canadian Cello Competition to more than 83,000 viewers from as far away as Australia.

Isabel Director Tricia Baldwin says art is a wonderful avenue to change the culture of a community in terms of equity, diversity, inclusion, and Indigenization.

"Artists are great storytellers and when you are walking in someone else's footsteps, you are creating understanding and compassion," Ms. Baldwin says. "We can't change without dialogue and I think both Agnes and the Isabel have provided space for that dialogue."



Sustainable Development Goal:
Life on Land

Queen's initiative: Forest School at Bader International Study Centre

GUY Lucas grew up with a love of nature. His father taught him how to forage for mushrooms and identify what plants are edible. So when Mr. Lucas started working as the gardens and grounds manager at the Bader International Study Centre, he created Forest School, a program for local schoolchildren to teach them how to respect and enjoy their natural surroundings.

"I am trying to recreate aspects of my childhood for these kids," says Mr. Lucas, who launched the program with the help of Helen Stringfellow and Penny Hotchkin, local teachers who have a love of education and the outdoors. "I found that really exciting and I wanted to bring that to other people."

▲ From pollination gardens that protect bee populations from predators, to compostable cups (the Tea Room became a zero-consumer-waste café in 2011 when it switched to products that are recyclable or compostable), to rooftop gardens on several buildings, Queen's has many examples of sustainability efforts that are making a difference.

It's hard to find a classroom more beautiful and inspiring than the BISC. Forest School sees kids go wild on 300 acres of gardens, woodlands, and marshes around Herstmonceux Castle.

Activities include building a fire, making a shelter, team-building games, and creating art using natural resources like plants and leaves. Games and projects are designed to boost students' self-confidence, improve problem-solving skills, and foster respect for the natural world.

"We want them to find joy in nature and bring that into their everyday life, whether they get involved in an outdoors career or they can just enjoy aspects of nature as they grow older," says Mr. Lucas. "Most schools just have a playfield, they don't have meadows and forest, so I'm happy we are able to offer this opportunity." 🍷



LI

A GIFT TO LAST

THE FRIENDSHIP BETWEEN ROBERT MACINTOSH AND MICHAEL KOERNER HELD STRONG FOR DECADES. BUT THE BOND BETWEEN THEM WILL GO ON IN A UNIQUE FELLOWSHIP THAT WILL LAST FOR GENERATIONS.

by Tony Atherton
illustration by Nathalie Lees

A FETIME

Some friendships have no final curtain. For more than 60 years, Robert MacIntosh and Michael Koerner – Bob and Mike – played tennis together, drank beer together, dined, travelled and attended concerts together (usually with their wives, Sonja and Lynn), debated finance and politics, and generally delighted in each other’s company.

Soon after Robert passed away last October at 97, Michael, a generous patron of the arts, medical research, and education, contacted Lynn MacIntosh about honouring his late friend. The endowment of the Dr. Robert MacIntosh Faculty Fellowship in the Queen’s Economics Department was the perfect tribute, Mrs. MacIntosh says.

“Of course the Koerners are enormously generous, but as well they target their generosity very thoughtfully, and this is an example of that,” she says. “It’s spot on for my husband,” who valued scholarship and championed financial education in particular.

“Michael and Sonja Koerners’ establishment of the Dr. Robert MacIntosh Faculty Fellowship will have a major impact on students and research in economics at Queen’s,” says Dr. Allen Head, head of the Department of Economics. “The fellowship will enable us to attract and retain internationally known faculty in the areas of banking and financial policy, to which Dr. MacIntosh was a major contributor during his illustrious career.”

The fellowship is also a singular kind of donation for Queen’s. It does not memorialize an alumnus, nor is it endowed by an alumnus. It commemorates a towering figure in Canadian banking but, in a larger sense, it celebrates a remarkable friendship. And will do so in perpetuity.

The friendship began soon after Dr. MacIntosh, a McGill- and Cambridge-educated PhD in economics, became chief economist at the Bank of Nova Scotia in the 1950s, one of the first academics in a senior position in Canadian banking.

“There were lunches put on for anybody who wanted to hear what the Bank of Nova Scotia was thinking about the economy,” recalls Mr. Koerner, 92, a Czech-born businessman and one of Canada’s most successful venture capitalists. “I used to attend those luncheons if I could, and Bob always was the key spokesman.

“We enjoyed each other’s company because we were interested in economics... and the stock market,” says Mr. Koerner. “I found him a very good bouncing wall to test ideas with.”

The friendship “built over time,” says Mr. Koerner, “and had a lot to do with tennis.”

Games at Toronto's oldest indoor racquet centre, The Queen's Club, and at the venerable Badminton and Racquet Club in mid-town Toronto would end over beer and conversation. Mr. Koerner admits he would lose pretty regularly to the taller Dr. MacIntosh. "He was the better player, there's no question of that."

But the competition helped his game and the conversation was always engaging.

"If you were discussing anything to do with economics, central banking, money markets, he had an opinion," says Mr. Koerner. "That was part of the fun of having a chat with him."

"He was intellectually much better equipped than most bankers," Mr. Koerner says.

Robert MacIntosh joined the Bank of Nova Scotia in 1953 as the bank's one-man economics department. He was an executive vice-president when he left in 1980 to become the first full-time president of the Canadian Bankers Association. By then, he had already established himself as an expert on public policy and government relations, and an outspoken advocate of the Canadian banking system.

When the Bank Act was overhauled in 1980, Dr. MacIntosh spent more than 50 hours testifying before a parliamentary committee considering the legislation.

He was also an avid historian, says Lynn MacIntosh. In retirement, he wrote books, including *Different Drummers*, a no-holds-barred account of government-banking relations in the 1970s and 1980s, and *Earliest Toronto*, inspired in part by his collection of rare Toronto histories, biographies, and ephemera dating back to 1807.



Michael Koerner and his wife, Sonja.

When the MacIntoshes saw the hit musical *Hamilton*, about the first U.S. secretary of the Treasury, Lynn MacIntosh says her husband took delight in explaining to playwright Lin-Manuel Miranda how Canada's adoption of Alexander Hamilton's principles of bank-government relations, eschewed by his own country, had made the Canadian banking system one of the most stable in the world.

Dr. MacIntosh is celebrated as an early advocate for women in banking. The Bank of Nova Scotia was the first in Canada to employ women as branch managers in 1961, and Dr. MacIntosh pushed to have women included in the bank's pension plan, forcing other banks to follow suit, says Lynn MacIntosh.

"He hired a lot of capable women and mentored them on their way. He went to bat for them at a time when women were not in the top echelon of any industry in Canada," she says.

One of his protégés at the Bank of Nova Scotia, Helen Sinclair, succeeded him as president of the Canadian Bankers Association in 1989. In a memorial to her former mentor she wrote: "No small number of us owe our careers and outlook on life to Bob MacIntosh. He championed women for opportunities otherwise beyond our reach."

Dr. MacIntosh shared an interest in art with his friend Michael Koerner, though his collection of West Coast Indigenous prints, jewelry, and carvings was modest by the standards of avid collectors such as the Koerners, says Lynn MacIntosh. But when the Koerners entertained the late Haida artist Bill Reid before his death in 1998, Mr. Koerner thought to invite his old friends Bob and Lynn along.

Michael Koerner's patronage of music and art, and his unstinting involvement in arts organizations, have earned him many honours, including investiture in the Order of Canada and a Governor General's Award for Volunteerism in the Performing Arts. It also colours many of the reminiscences about his friendship with Robert MacIntosh. Mr. Koerner remembers taking Dr. MacIntosh to see his friend Glenn Gould play before the pianist gave up public performance for good in the 1960s. In 2009, when the Royal Conservatory of Music opened its acclaimed performance space Koerner Hall, named after its generous patron, the MacIntoshes were invited. Lynn MacIntosh recalls hearing the world premiere of Canadian composer R. Murray Schafer's *Spirits of the House*, commissioned by Mr. Koerner.

Mr. Koerner's good friend Mr. Schafer was at the heart of another memorable night for Lynn MacIntosh. The Koerners came to the MacIntoshes' home with the score and performance tape of a commission they'd given the avant-garde composer. "Robert and I looked at the score and there were no bar lines. So we thought, before we play the tape, let's imagine what it's going to sound like and that was exciting for us, too."

Lynn MacIntosh still cherishes an inscribed copy of the *Encyclopedia of Music in Canada* that she and her husband received from Mr. Koerner in the 1980s. Mr. Koerner was director general of the project to create the now-standard reference work.

The couples would travel to each other's recreational properties, the Koerners' in Florida and the MacIntoshes' in Muskoka. Michael Koerner, an accomplished keyboardist with a fine collection of antique instruments, would play for his guests. "[The Koerners] are very relaxing to be with," says Lynn MacIntosh. "We would walk on the beach, play tennis, or just be together."

"I would enjoy Michael's wonderful stories," she says. "He has



“I JUST WANTED TO DO SOMETHING IN BOB’S HONOUR THAT WOULD LAST AND AT THE SAME TIME HELP QUEEN’S.”

— Michael Koerner

many really interesting stories... You sort of come away knowing something new.”

The friendship came “full circle” during the final days of her husband’s life, says Mrs. MacIntosh. “I met the Koerners as the very first of my husband’s friends. As he became very frail, one of the last things we were able to do outside our own home was to go to the Koerners for a little quiet, lovely dinner. [Michael] had just got a new antique harpsichord.”

The endowment of the fellowship in Robert MacIntosh’s name is fitting because “he was a champion of education,” says Mrs. MacIntosh. He promoted ongoing financial training for bankers both at the Bank of Nova Scotia and the Canadian Bankers Association.

The tribute is “perfect,” she says. “And he would be thrilled that it was at Queen’s because... he had a great deal of respect for their academic faculty.”

Michael Koerner chose Queen’s for the fellowship in part because he already had a relationship with the university, he says. Two of his daughters are alumnae and during visits to the campus Mr. Koerner took notice of the Agnes Etherington Art Centre.

“I thought it would be interesting to have artists come down and talk to the students and discuss the creative process that artists go through to paint or sculpt or do prints.” Queen’s liked the idea,

▲
Michael Koerner
and Robert
MacIntosh met
in the 1950s.

he says, so he began providing an annual grant for artists to spend time at the centre. The program has since been endowed as the ongoing Koerner Artist in Residency Program.

Mr. Koerner received an honorary Doctor of Laws degree from Queen’s in 2014.

The Dr. Robert MacIntosh Faculty Fellowship “will elevate the quality of research and teaching related to banking and financial policy at Queen’s,” says Dr. Head. “These topics are a significant priority for academic economists and policy-makers alike as we study the role of the financial sector in meeting the challenges of climate change, recovery from the COVID-19 pandemic, and reducing barriers toward the goal of making Canada’s economy more inclusive, equitable, and successful.”

“I just wanted to do something in Bob’s honour that would last and at the same time help Queen’s,” says Mr. Koerner. “It’s up to the administration at Queen’s to do the best they can with it, and I’m sure they will.” 🍷



AGAINST THE CURRENT

BY ROSEMARY COUNTER

**QUEEN'S GRADS CATCH
A WAVE OF SUCCESS
CREATING SWIMWEAR
BRAND 437**



Adrien Bettio and Hyla Nayeri say some of their original designs remain the company's best sellers.



Just four years ago, Adrien Bettio and Hyla Nayeri won the Paul and Tom Kinnear Business Plan Competition with their plan for 437.



NOT THAT LONG BEFORE

Adrien Bettio and Hyla Nayeri were hanging out on the *Forbes* 30 Under 30 list, they were hanging out in first-year commerce at Queen's University with few clues as to what the future held. "I didn't know what I wanted to do, but I figured business would factor into [it]," says Ms. Bettio.

The two students-turned-friends-turned-roommates got along swimmingly: both came from Toronto, both craved a smaller community in which to study, and both chose a third-year European internship with warm weather in mind.

"We both really like hot places and beaches," Ms. Bettio jokes.

Who knew that the beach was where inspiration would strike?

"One day when we were getting ready for the beach, we looked at the bathing suits we'd packed and decided none of them were flattering," says Ms. Nayeri. "They were all catered to taller and slimmer bodies. Suits for curvier bodies were frumpy and definitely not sexy."

Unwilling to settle for the boring and unflattering swimsuits companies were producing for real bodies, Ms. Bettio and Ms. Nayeri decided to do something about it – and the popular swimwear brand 437 was born.

Named for their address in Kingston, though by pure luck it's also Toronto's newest area code, 437 went from vague idea, to maybe-doable proposal, to viable business during their fourth year.

"We didn't know much about design, and nothing about manufacturing, so it was a long learning process," says Ms. Bettio.

Luckily for the then-20-year-olds, starting from scratch was also a fun learning process.

"We'd cook dinner and eat and do business all at once," remembers Ms. Nayeri. Suits were sketched on paper, sent off to be made into samples, tried on real bodies (theirs, naturally), and then tweaked and re-tweaked until perfect. Though 437 now has a dozen swimwear styles available, some of those initial designs remain the company's top sellers.

437 was up and running by 2017 and perfectly timed to the zeitgeist. While the body positivity movement has existed in many forms for decades, social media has given people real-time power over corporations.

THE GOLDEN TOUCH

WHEN CELEBS STARTED WEARING 437 ON INSTAGRAM, EVERYTHING CHANGED



Mattel was giving Barbie a body makeover, plus-size model Ashley Graham scored the *Sports Illustrated* cover, criticism of fat-shaming and #bopo and #NoMakeup selfies filled our feeds. Celebrities from Chrissy Teigen to Demi Lovato to Kelly Clarkson lashed back hard at haters and gossip rags by proudly posting their so-called flaws.

Photoshop was out and perfectly imperfect bodies were in – both good news for 437, which would build its brand by embracing and showcasing bodies of all kinds.

"All of our shoots have a small, medium, and larger model," says Ms. Bettio. Since all bodies buy and wear swimsuits, she adds, "showing just one kind of body is a big problem."

Many brands have since made massive shifts towards inclusivity, but 437 launched with that message already entwined into its mandate from the beginning.

The first line featured four still-staple styles: the Aubrey, Sanders, Kenzie, and Johnson in classic black, white, and pink. They've since added many more styles, colours and prints – with annual revenue growing 500 per cent for three years in a row – and moved their inventory out of their parents' basements and into a swanky downtown loft where women come to shop, snack on candy, and just hang out at monthly events with movies and pizza.

Their growth happened organically, and with big help from social-media influencers, who found and loved 437 largely of their own accord – and told their followers.

"About six months in, we landed on an influencer list," says Ms. Nayeri. "That was a really encouraging moment that maybe we were really onto something."

Soon their suits would be seen on Kylie Jenner and in the pages of *Vogue*, landing Ms. Bettio and Ms. Nayeri on the 2021 *Forbes* list.

But it hasn't all been smooth sailing for the swimwear company. In spring 2020, 437 was ready to launch a new line of "travel-based, summer-heavy" apparel. The timing was unfortunate, given the global pandemic that then descended on the world; nobody would



HOW TO BUILD A BUSINESS

LOOKING TO TURN A PASSION PROJECT INTO A BUSINESS PROPER? HERE ARE FOUR TIPS FROM 437 FOUNDERS (AND PROUD QUEEN'S GRADS) HYLA NAYERI AND ADRIEN BETTIO.

1. PASSION > CONFIDENCE

When you start a business, don't wait for confidence to drive you. "I wouldn't say we were confident as much as hopeful and naive," says Ms. Bettio. Both are powerful qualities, so embrace them.

2. POOL YOUR SKILLS

While designing suits on the side, both founders had day jobs: "Hyla was doing the [tech] incubator thing and I was working at a fashion company," says Ms. Bettio. Knowledge of both fields combined to help form 437.

3. THE CUSTOMER COMES FIRST

No matter how famous their fans get, Ms. Bettio and Ms. Nayeri serve their community first and foremost. "It's cool to be seen on a celebrity," says Ms. Nayeri, "but we're careful not to let that steer our designs. Our everyday customer matters most."

4. DON'T WAIT

No matter what anyone says, notes Ms. Bettio of the sometimes-scary step of getting started, "you don't need a 10-year plan. You just need to throw yourself in, so start now."

be travelling in cute clothes in 2020.

In the face of a disappointing but inevitable failure in the making, Ms. Bettio and Ms. Nayeri put the line on the back burner and pivoted fast.

"We knew we needed to change the business model," says Ms. Nayeri, "and focus on at-home styles."

Flexibility is key, even for a sexy swimwear brand, so 437 added sexy sweatpants to their shop: five luxe two-piece sweat sets in extra cosy fleece (each accompanied by a matching bikini, of course).

Going with the flow might be the secret to any successful business, and it's a lesson the pair are trying to master. Pinned to Ms. Nayeri's office wall, for instance, is a handwritten reminder that sometimes you need to let go and see what happens.

"It really captures what we're trying to do," she says, "but also that sometimes you need to be agile and try something else."

Neither can imagine what they'd be doing if not for 437 – "Um, marketing?" guesses Ms. Bettio – but in the same moment she acknowledges that running a fashion business isn't as glam as it once seemed.

"A lot of people aspire and idolize a career in fashion. We certainly did," she says. "But your life is not just made once you have it. Running a business is hard."

Accordingly, and now at the wise old age of 25, Ms. Bettio and Ms. Nayeri make sure to stay balanced.

"We make sure we don't overwork," says Ms. Nayeri. Free time is written into the plan with everything else. "We set schedules and make sure we take time to do other things or nothing. We make sure there's time to eat and sleep well, to work out, to meditate."

Ms. Bettio concurs: "Days can go from zero to 100 in just a few minutes, so we have to be ready emotionally."

The most exciting curveball they'd love to have thrown their way? "Gotta be Beyoncé [wearing 437]," says Ms. Nayeri. 👑

THE TIES THAT BIND

JEAN TUCKER-GALIPEAU
DOESN'T CONSIDER
HERSELF A TRAILBLAZER
AT QUEEN'S. BUT SHE
MOST CERTAINLY WAS
- ESPECIALLY FOR HER
GRANDDAUGHTER,
MICHELLE, WHO WILL
GRADUATE THIS FALL, 80
YEARS AFTER JEAN DID
SO AT THE TOP OF HER
CLASS IN 1941.



BY BLAIR CRAWFORD

PHOTOGRAPHS BY ANGELA LEWIS



►
“She’s an
inspiration to
everyone in the
family,” says
Michelle Blumberg,
of her ‘Grammy,’
Jean Tucker-Galipeau
(Arts’41).

When Michelle Blumberg accepts her MSc in cognitive neuroscience at Queen’s this autumn, her “Grammy,” Jean Tucker-Galipeau, will be cheering her on.

And no doubt reminiscing about her own graduation, an incredible 80 years before.

Jean, who turned 102 this year, is a member of Arts’41, one of just a handful of women to graduate that year in mathematics and physics. She still has her yearbook, along with a shelf full of the math books she was awarded for having the top marks in her class.

“She’s an inspiration to everyone in the family,” says Michelle, 24. “That she was one of the first women to graduate in math and physics from Queen’s is something that I’ve always been very proud of. I tell my friends about her all the time.”

Red, gold and blue runs in the family’s veins. Jean’s father, Robert James Tucker, graduated in Medicine in 1916. Her cousins were professors.

The family tradition was an important part of Michelle’s decision to come to Queen’s, first for a BSc in life science, and then continuing on for her master’s.

“I’m very proud,” Michelle says. “I can walk around campus and see that there are certain buildings, like Grant Hall, that are pretty much the same as they were back then.”

“I hear her talk about going to football games at Richardson Stadium – I played soccer in that old stadium!”

Jean Tucker was born March 28, 1919, near Prescott, Ont., and grew up in the farming town of Paisley, on Ontario’s Bruce Peninsula.

The First World War had ended barely four months before, and her father was a veteran of that great conflict. In fact, her parents met at Grant Hall where they were both working to treat wounded soldiers.

Like many medical students, Robert had been excused from his studies to go overseas for the war. He served with the Canadian Army Medical Corps in Egypt, tending the casualties of the disastrous Dardanelles campaign at the huge Abbassia military hospital outside Cairo.

He returned to Queen’s after his service and graduated in the class of 1916.

Back in Paisley, Robert found his wartime knowledge of tropical medicine less useful than obstetrics. Jean tells her children tales of her father travelling in the dead of night through the snow in a horse-drawn cutter to deliver babies at isolated farmhouses. Country doctors were respected, but poorly paid.

“It was a hard life. People used to pay him in manure,” says Jean’s daughter and Michelle’s aunt, Anne Galipeau. “They’d literally dump it off in front



**BACK THEN IT WASN'T
COMMON FOR WOMEN LIKE
HER TO GO TO SCHOOL.
IT'S SOMETHING THAT'S
ALWAYS INSPIRED ME TO
GO INTO ACADEMICS.**

of his house. Being a country doctor wasn't a money-making affair.”

A loyal Queen’s graduate, Robert would work in his study and delegate Jean and her sisters to find out the latest football scores from his alma mater.

“He would always be saying to us, ‘Go get the score,’” Jean recalls, her memory still vivid. “So we were always looking for the football scores from Queen’s. And when we got the score we’d knock on the office door and tell him, ‘Yes! Queen’s won the football game.’”

When it came time for Jean to go to university, there was little doubt where she would study. She arrived in Kingston by train, and moved in

with her aunt Ethel and her family at 404 Albert St., a house that still stands at the corner of Mack Street, opposite Victoria Park.

In 1937, Jean's freshman year, Mackenzie King was prime minister and Canada was mired in the seventh year of the Great Depression. It was the year the airship Hindenburg exploded in flames in Lakehurst, N.J., and aviator Amelia Earhart disappeared somewhere in the South Pacific. In Europe, Germany's führer, Adolf Hitler, was making plans for the annexation of Austria, sowing the seeds of another world war. Jean dreamed of being a doctor like her father, but he advised against it.

"I did sign up to go into medicine and I could have gone, but we didn't have much money," she says. "Well, we didn't have any money.

"My father told me that medicine was too hard a life for a woman."

It was an older cousin, Don Stewart, himself a professor at Queen's, who steered Jean into science.

"I didn't know what to take and he said, 'Why don't you take math? You'll need that.' So I did."

Jean was one of only three women in the class. The others – Edna Cohrs and Marjorie Howie – became life-long friends.

Student life was very different from today. Like all students, Jean wore black academic gowns to class. One professor would greet his students each morning with "Gentlemen, are we ready?" blatantly ignoring his female students.

Jean recalls one professor who would work across the blackboard, scribbling out equations with his right hand and erasing them just as quickly with his left. "He'd say, 'It's obvious!'" she said, still chortling more than 80 years later.

Jean was a star student, winning awards for top marks in the class. She worked as a teaching assistant, marking papers mailed in by correspondence students.

"People could get a degree at Queen's without going. They'd mail in their answers and I'd mark them," she says.

"It's just like this year," Michelle adds. "It's just like COVID."

On weekends, Jean and her friends would go to dances in Ban Righ Hall. And always there was football. "We would never miss a football game," she says.

The family's ties are deep at Queen's. Jean's cousin Don Stewart, who guided her into mathematics, was himself a math professor. His younger brother, Harold, was an electrical engineering graduate and lecturer who built an AM radio transmitter for the fledgling campus radio station, CFRC, making it a leader in Canadian radio broadcasting. Her sister, author and journalist Doris Tucker-Pennington (Arts'43), was also an alumna.

One of Jean's friends and tennis partners was Agnes Richardson, niece of Capt. George Taylor Richardson, a standout Golden Gaels athlete who was killed in action in France in 1916. Richardson Stadium was named in his honour.

(Agnes Richardson, of course, married William M. Benidickson and became Agnes McCausland Benidickson, the first female Chancellor of Queen's, serving in that role from 1980-1996.)

When Jean graduated in 1941, her parents made the arduous journey from Paisley to attend. The Second World War was raging and the new grad found work in Toronto with the National Research Council helping in the war effort, studying submarine buoyancy.

After the war, she continued working at the University of Toronto,

using the school's primitive computer and travelling to Boston and Harvard University to use its more sophisticated machines.

She was hired by Harvey Gellman, one of Canada's early high-tech pioneers, to work for his company, DCF. As well as working on DCF contracts at the nuclear reactor site at Chalk River, Ont., Jean helped Gellman in his search for more powerful computers. One computer she helped procure was the room-sized, 2,500-kilogram IBM 650, the world's first commercially successful computer.

Jean also taught math at schools in Rockland, Ont., outside Ottawa and for five years at Haverlag College in Toronto before leaving the workforce in her 40s, when her daughters, Anne and Lynne, were born. Her husband, John Galipeau, died in 2015.

And still, four score years later, Jean's love of Queen's remains. She reads every issue of the Queen's Alumni Review from cover to cover. She still roots for a Golden Gaels football win.

In Jean's lifetime, the world has changed in almost unimaginable ways. Today's smartphones dwarf the old computers like the IBM 650 in power, if not in size. Though she worked shoulder to shoulder with men in Canada's fledgling computer industry, she was almost certainly paid less: in those days, salary just wasn't something you asked about.

"Back then, it wasn't common for women like her to go to school," says her granddaughter, Michelle. "It's something that's always inspired me to go into academics.

"I think, even today, a lot of women aren't encouraged to go into maths and sciences. But that's never been a feeling I've had. I've always felt encouraged to and I think that's mainly because of her doing that so long ago. It never struck me that I couldn't do it."

Does Jean think of herself as a pioneer? A trailblazer for women in science?

"Oh, I wouldn't say that," she scoffs.

"She's way too humble," says Michelle. "But everyone else knows how incredible she is." 👑

Jean in front of Grant Hall on her graduation day, 1941.

Jean's father, Robert James Tucker, in his graduation photo, 1916.



PHOTOGRAPHS (RIGHT) COURTESY OF THE GALIPEAU FAMILY



Real Estate Solutions for Seniors

Real Experts. Predictable Results.

Gordon's has been helping seniors make a stress-free transition for 40+ years. Our team manages selling your home, downsizing, coordinating your move and helping you move forward. Get in touch to learn more about our bundled services and create a personalized transition and real estate plan that fits your needs.

GOGORDONS.COM
1-800-267-2206

Gordon's Downsizing & Estate Services Ltd., Brokerage

Teaching English as a Second Language

TESL ONTARIO CERTIFICATION

Teaching and Learning

POST-GRADUATE CERTIFICATE

Professional Editing Standards

CERTIFICATE

Early Childhood Education

COURSES



Purposeful learning for meaningful work.



PROFESSIONAL STUDIES
Faculty of Education



Scan here or visit
pros.educ.queensu.ca
to learn more about these
and other certifications available.

OFF CAMPUS



First Up

Miranda Anthistle

ANCHOR/HOST
AT GLOBAL NEWS

Miranda Anthistle (Artsci'08) has worked in newsrooms across Canada and the U.S. Now at Global News Toronto, she reflects on the life experiences that shaped her high-profile career in journalism – including a first job at Ontario Place, an amusement park and entertainment venue off the shores of Lake Ontario.

At 15, my parents told me, “If you want money, you should get a job.”

I applied at Ontario Place, because it was seasonal and my parents wanted me to focus on classes during the school year, and because it was an outside job by the water. I remember being totally ecstatic when I got the job, feeling like an adult and that I was going to be rich. Minimum wage was well below 10 bucks, but to me at the time, it was a lot. I mean, I could buy my own clothes at the mall!

I started out as a park attendant in the children’s village – a big tent that’s all torn down now, it’s so sad – with a ball pit, merry-go-rounds, and a huge slide. My job was to watch over the kids, make sure the lines were moving and under control, that the kids were tall enough but not →

→ too tall. It was really hard for me to have to tell kids they were too tall because I was a kid myself, pretty much, so I knew exactly what they were feeling. But I'm also a stickler for rules, for sure. Sometimes the kids would cry or their parents would be angry or aggressive, and I'd have to stand up to them. I'd explain the rules and the expectations and why we had them, which actually made me a more confident person every time I had to do it. Also, most of the people I worked with were a lot older than me, so that helped, too.

The next summer, I was promoted to ride operator. There was a drop tower, a ferris wheel, and bumper cars – a major bump in responsibility that required training. This was great because it wasn't difficult, stop and start mostly, but it was a massive ride that I was in charge of all by myself. I got a pay raise, I got a nice tan, I fell in love with another park attendant. It was so fun that I came back again – twice. I was there for four summers altogether, until I went away to school at Queen's.

I knew I wanted to be a newscaster. My mom has a VHS somewhere of me at the Canadian National Exhibition one year when the Blue Jays had set up a desk and teleprompter so kids could do play-by-plays. I was eight or nine and I loved it! My parents told me it was a real job and I could do it if I wanted to, which I did. It was important for me to get an undergrad first though and get different experiences and perspectives. I took a year off and lived in Brazil. I knew I needed lots of varied experiences to be a good journalist.

As strange as it sounds, talking to kids all summer actually helped prepare me for news. You have to listen to kids, be patient and try to understand their perspective, decipher their logic and follow along. Which is just like an interview in journalism: you have to pay close attention to what a person is saying in order to learn about them and capture their truth, then you've got the responsibility to tell their story. It's basically still what I do all day.

—As told to Rosemary Counter

THE BACKSTORY



Jessica Lui,
Com'14

Not your typical Commerce grad

Jessica Lui finds – and shares – success on an unconventional path

Jessica Lui, Com'14, is not your typical Commerce graduate. She has had a successful career as a management consultant and UN youth ambassador, started a tech company recognized by then-U.S. president Barack Obama at the 2016 Global Entrepreneurship Summit, and has been named one of Canada's Top 100 Most Powerful Women.

She intended to become an accountant when she applied to Queen's, but discovered new passions and interests during her time at Smith School of Business – corporate strategy, public speaking, humanitarian work – that became the foundation of her career.

Ms. Lui shared some lessons from her unusual journey at the Queen's TEDx event on Jan. 26, 2020, at the Isabel Bader Centre for the Performing Arts. Her talk, "Who do you dream of becoming? Success starts with finding



New content from faculty and alumni

yourself,” may be a year and a half old, but because of COVID-created delays, it was uploaded this May, and is just starting to catch on among TED audiences.

The TED Talk was the culmination of a journey and was inspired by the young leaders she mentors. At the time, she was providing mentorship to Queen’s alumni and others in her network, and she wanted to share a message that would resonate with an audience full of students about to embark on their careers. “The university years lay the groundwork for the person you become,” she says. “They really are your opportunity to figure out who you are.”

The most common question she hears from her young protégés is, “How can I become more successful?” She knew the answer to that question would make for a compelling 18 minutes on the TEDx stage.

It’s a big question, but in the nine years from the day she arrived at Queen’s until the day she gave her talk, Ms. Lui collected enough wisdom from mentors and her own experiences to take an earnest stab at the answer.

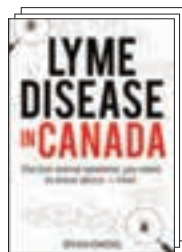
In addition to her unconventional career, she has found she is often the only woman – and the only person of colour – in the spaces she occupies. “I’ve learned in my life and career that, where you are the only one in the room who looks like you or who has had the experiences you’ve had, that you don’t have to forge your path alone. Build your network, use your voice, get a seat at the table, and shape the future you want to see. In doing so, you’ll blaze the trail for others to follow.”

Rather than spoil a good TED Talk, let’s just say Ms. Lui’s experiences led her to realize there is no single answer to her question. “Your journey and definition of success should be uniquely your own,” she says. “If you can define what matters, what brings you purpose, passion, joy, and fulfilment, and you can bring that to your career and your life, you can bring something to the world that is powerful and unique.”

—By Deborah Melman-Clement



READ IT



As tick-borne diseases continue to threaten the health of Canadians, **Brian Owens (Artsci’02)** sheds some light on Lyme disease, the often-misunderstood condition that is becoming increasingly prevalent among hikers, golfers, campers, and dog walkers every year. In *Lyme Disease in Canada*, published this June by McNally Robinson, Owens traces the arrival of ticks in Canada and shares stories of the perils of diagnosing and treating Lyme disease and tips on how to avoid ticks – and how to remove them when you can’t avoid them.



Dr. Alisa Yocom (Artsci’06, MSc’08) came to Australia as an international student and enjoyed it so much that she decided to live there permanently. The Brisbane-based physician shares the story of her unexpected adventure – complete with joys and challenges – in *Medicine Women*, an anthology of short stories and letters by 20 female health-care professionals from around the globe, coming this summer from Australian publisher Change Empire.



After working for more than a quarter century as an educator (and a parent), **Jane Kristoffy (Artsci’93 MEd, Toronto)**

has amassed an arsenal of answers to the questions that keep parents up at night. She shares many of them in *Launch Your Kid: How to Promote Your Child’s Academic and Personal Success (Without Being a Helicopter Parent)*. The book includes tips, tricks, and strategies that parents can use every day to help them “get their kids through school and prepare them for the real world.”

WATCH IT



Michael Kehler (Artsci’84, Ed’85 MEd, Western; PhD, Michigan State) has dedicated his career to challenging definitions of masculinity and assumptions about what it means to be a man. He shared his observations about the intersection of masculinity, education, homophobia, and body image

in “Reimagining Masculinity,” his talk at TEDxYYC, in Calgary on June 24. The virtual event was dubbed “Reimagine,” as speakers introduced new perspectives on everything from access and inclusion to scientific literacy to wearable data.

HEAR IT



Since September 2020, **Elamin Abdelmehmoud (Artsci’11)** has been helping Canadians figure out which podcasts to listen to by leading them on a guided tour of some of the internet’s most intriguing aural offerings. *Podcast Playlist*, which airs weekly on CBC Radio One and can also be found on CBC On Demand, wades through the seemingly endless array of podcasts to serve up curated excerpts exploring a new theme each week.



283
FRONTENAC
STREET

BUILDING
Three-storey
single home,
c. 1911

STYLE
Brick with front
gables forming
pediments
with Palladian
windows



Katelyn
Hochgeschurz
(PHE'20)

Cassidy Van
Stiphout
(Artsci'20)

Emily Elliott
(Artsci'20, Ed'21)

Ryley McAndrew
(Com'20)

Mackenzie
Kaleta (Artsci'20)

Sarah McGee
(Artsci'20)

Gillian Baker
(Artsci'20)

Erica Lewick
(Artsci'20, Ed'21)

The sisterhood of the dazzling porch

BY TONY ATHERTON

In the fall of 2016, eight first-year students on the fourth floor of McNeill House decided they simply had to live together for rest of their time at Queen's. Except for two from Carleton Place and two from Aurora, the young women had known each other for less than two months.

"We didn't know how to split," says Katelyn Hochgeschurz (PHE'20). "There weren't two different cliques...

We were all just so close together as a group."

Their parents were dismayed.

"We had everybody yelling at us not to do it, that we couldn't survive with eight people in the house," says Cassidy Van Stiphout (Artsci'20).

More to the point, University District houses with eight unoccupied bedrooms were rare. Yet, by early November, they had signed a lease on 283 Frontenac St. just north of campus, a century-old, seven-bedroom house that the landlord offered to renovate. There "was one big room... He put a wall up and it was then an eight-person house," says Emily Elliott (Artsci'20, Ed'21).

As it turned out, the bedrooms were incidental to the real charm of the house: the front porch. Running the length of the house, the porch had a roof supported by

Work to be done

It's time to roll up our sleeves and begin the work of building an inclusive campus community



Earlier this year, the *Times Higher Education (THE)* placed Queen's University first in Canada and fifth in the world in its Impact Rankings – a global ranking of universities that are advancing the United Nations' Sustainable Development Goals (SDGs) within and beyond their local communities. Having Queen's ranked at the very top reflects past accomplishments to be celebrated and proud of, however, it also sets a high bar for us moving forward. As we consider the impact Queen's has and can have in the world, I encourage the university to focus on its impact in the communities around us, namely those who were here first and whose land we live, work, and play on.

Looking first at the broader Queen's community, the appointment of The Honourable Murray Sinclair as our 15th Chancellor is cause for celebration. Chancellor Sinclair's past work and values have already shaped our country, and we are privileged to count on His Honour's leadership as we continue to shape and transform the university. We are also seeing the recommendations outlined by the Queen's Truth and Reconciliation Commission Task Force being brought to action.

From a personal perspective, participating as a member of the Law School's Building Name Consultation Advisory Committee last year gave me insight into the experiences of Indigenous students at Queen's, the need for increased education and awareness around Indigenous issues, and increased Indigenization efforts across all areas of the university – its spaces, processes, curricula, and beyond. With other groups across Queen's, the QUAA board of directors is doubling down on efforts to support Indigenous communities. In addition to engaging various governance bodies of the university in this important dialogue and working with the Indigenous Alumni Chapter to amplify Indigenous voices, we are looking at ways to support alumni volunteer leaders in bringing these discussions to their respective communities.

As a recent immigrant to Canada myself, continuing to learn and reflect better positions me to contribute to Indigenization efforts on an individual level through seemingly small but impactful actions, such as donating funds that support Indigenous students and initiatives at Queen's. Or, in a broader sense, learning more about land acknowledgments and their purpose, so I can integrate them into my daily work and life with intention. I hope you will join me as I quietly celebrate the progress that Queen's has made toward Indigenization, while acknowledging the significant work that still needs to be done – individually, at Queen's, nationally, and globally.

Sincerely,
RICO GARCIA, PRESIDENT, QUAA

jack posts, and its floor had seen better days. The roommates loved it.

“Morning coffees on the porch, that was key to starting off the day,” says Ms. Van Stiphout. “If you were home and able to be on the porch, you were.”

“We would stretch the season, too,” says Ryley McAndrew (Com'20). “We were out there in October, early November, when it was not warm enough to be outside.”

They were back out on the porch by March, says Mackenzie Kaleta (Artsci'20). “As long as the sun was shining, I was out there.”

The porch became the social hub of the neighbourhood, says Sarah McGee (Artsci'20). “There was always someone walking by that we knew who would stop and chat.”

During Homecoming and St. Paddy's Day, “we used to rent massive speakers and... put them on the porch,” says Gillian Baker (Artsci'20).

Outside, there was the porch. Inside there was the mural. It took up a whole wall in the living room, and was designed by committee and rendered by Ms. Baker. “We made such a home of 283 that we wanted to leave our mark there.” Painted entirely in Queen's tricolour, it includes stylized silhouettes of the roomies.

Erica Lewick (Artsci'20, Ed'21) still lives in Kingston and reports the new tenants of the house love the mural, and have added to it.

Ms. Hochgeschurz says 283 Frontenac's other touchstone was in the kitchen.

“We had a horseshoe-shaped counter and it had just enough room for all eight of us to be up there dancing.”

Dancing on the counter was pretty much an everyday event. “We would have plans some nights to go see friends but we would get so carried away with having fun, we wouldn't make it out of the house,” says Ms. Van Stiphout.

COVID-cancelled classes broke up the group in spring 2020, and now its members are spread across Eastern Ontario and around Toronto. Ms. Lewick and Ms. Elliott will soon leave for work in London, England, and Saint Maarten, West Indies, respectively. But all eight chat online every night, says Ms. Baker.

It's gone beyond mere friendship, the women agree. You might call it the Sisterhood of the Dazzling Porch, founded in residence and perfected at 283 Frontenac.

“We really are sisters and that's how sisters work,” says Ms. Van Stiphout. “You're going to get in little kerfuffles, but at the end of day we all love each other. That's undeniable.” 🍷

▲
[Tell us about the University District house you lived in and the memories you made: review@queensu.ca](mailto:review@queensu.ca)

Mission to Mars

Dr. Chris Herd advises NASA's exploration of the red planet.

BY TOM SPEARS

Science fiction drew him in as a teenager – the stories of Isaac Asimov and others – and so did an early fascination with Mars. But there were twists and turns before Dr. Chris Herd reached his current job advising NASA on how its newest Mars rover should hunt for rock samples.

By age 12, he recalls, “there was something that captured my imagination about Mars and how Earth-like it is in some ways and not in other ways.”

It helped that he had an expert right at home. Dr. Richard Herd, his father, was for 30 years curator of our National Meteorite Collection at the Geological Survey of Canada. And he loves to talk about space rocks.

The young Chris came to Queen's as an undergrad, with his mind fixed on space.

“Right from the get-go he wanted to study Mars and he wanted to be a geologist,” his father says. His son also considered astrophysics, but he felt space rocks were “more hands on.”

From Queen's he moved to the clear skies at the University of New Mexico, in Albuquerque, to

▶ Queen's alumnus Dr. Chris Herd is a planetary geologist and one of the world's top experts on meteorites from Mars. Most recently he advised NASA on the Mars Perseverance rover.



ROVER FACTS

Mission Name: Mars 2020

Rover Name: Perseverance

Main Job: Seek signs of ancient life and collect samples of rock and regolith (broken rock and soil) for possible return to Earth.

Launch: July 30, 2020

Landing: Feb. 18, 2021, Jezero Crater, Mars

1,025 kg

Total weight of the car-sized rover.

It is about three metres long (not including the arm), 2.7 metres wide, and 2.2 metres tall.

117,000 +

Number of images taken by the rover's cameras.

Its microphones have recorded the first audio soundtracks of Mars and it took a selfie!



1 Martian year

Length of rover's mission on Mars (approximately 687 Earth days)

study under the legendary Jim Papike, an expert in meteorites and other extraterrestrial samples, including moon rocks collected by NASA during the Apollo missions. He told his Canadian grad student that one day he should do on Mars what Dr. Papike had helped to do on the moon – find the right rocks for NASA to collect.

Since graduation, Dr. Herd has taught at the University of Alberta, taking advantage of another twist: one January night in 2000 there was a streak of fire and an almighty bang high above the Yukon–British Columbia border. On a frozen lake below, a searcher found fragments of the space rock that had exploded. No ordinary meteorite, it turned out, but one from super-cold and distant space, perhaps even from out near Jupiter, and containing organic compounds.

Dr. Herd established the special lab in Edmonton that today preserves this meteorite from Tagish Lake in frozen conditions, and enables its detailed study. NASA has called it the “freshest meteorite ever received from space,” as it escaped contamination from Earth’s organic matter and from other space rocks. It may be Canada’s most famous meteorite, and it further cemented Dr. Herd’s position as an authority in what our solar system is made of.

All this has led to his role today, part of the science team for the NASA rover called Perseverance, which landed in February. The rover aims to fill 30 tubes with mineral samples, each 10 to 15 grams.

It will leave them in two different spots as “caches,” and the hope is that a future Mars lander will pick them up in 2028 and fly home to Earth. Dr. Herd’s job lies in advising the mission where to take these samples.

He wonders many things. Mars and Earth are neighbours, and fairly similar in size.

“Why did they take these different paths? Is it just because they are a different size? Is there something else going on? Mars went through this transition between probably having liquid water at the surface... and the atmosphere was thicker and conditions seemed conducive to life. And then things dried out. The magnetic field shut off. The atmosphere thinned and the surface rusted. Why did it go that particular way whereas Earth went a different way and has abundant life?” 🍷

Northern Exposure

Phyllis Durnford knows how important a qualified team of nurses can be to an Arctic community and she discovered a way that she could help attract more of them

Fourth-year Queen's nursing students now have the opportunity to train and contribute in Northern Canada's most underserved communities – an opportunity that is only possible because Phyllis Durnford took the time to connect the dots in her life story.

Durnford, NSc'69, followed in her mother's footsteps and studied nursing at the Kingston General Hospital School in the mid-1960s. During her first year, she met a nurse who worked as a clinical nurse specialist in cardiovascular disease. "That opened my eyes as to where one could go potentially," she says.

First though, she would need a Nursing degree. She chose to study at Queen's for the most practical of reasons: "It was convenient," she says. "It meant that I wouldn't have to move."

It was a choice that launched an impressive career. "An undergraduate degree in nursing can be a springboard to just about anything," Durnford says. "I've done things that never would have entered my mind." She took a lead role in training Toronto ambulance officers to become advanced-care paramedics in the 1980s. She served as trauma coordinator at Sick Kids Hospital. While working as a Nurse Case Manager at the Workplace Safety and Insurance Board, she was selected as the Subject Matter Expert in the development of their Mild Traumatic Brain Injury Program of Care.

But before she embarked on that career, though, she took a detour to north-east Alberta. After Convocation, her husband accepted a military posting at CFB Cold Lake in northern Alberta and she found work in a local hospital which had a big population of Indigenous people. "I found the attitude being taken toward the Indigenous people – I'm going to be polite – questionable," she says.

Determined to provide her patients with the care they deserved, Durnford made a point of starting to learn the Cree language, common to that population. "It was a small gesture," she says, "but it really got me thinking about what could be done to better serve these communities. It's like a little seed was planted."

That seed sprouted a few decades later, when she made three trips to the Arctic as part of an expedition travel group. "Everyone else was downtown looking for souvenirs, but I made a beeline to the health centre," she says. "I noticed that more of the nurses were new to the community. That was when I really connected the dots."

As Durnford thought about how important a qualified team of nurses can be to an Arctic community, she discovered a way that she could help attract more of them. "I initially thought about an estate gift to the School of Nursing," she says. "And then I thought, 'wait a minute, what can I do right now that would help promote the idea of doing part of your nursing career in the North?'"

What she could do, she realized, was to make the gift now, so Phyllis made a gift by transferring marketable securities to Queen's. In doing this, Phyllis was able to get the award off the ground now and she may still choose to enhance this opportunity in her estate.

The Northern Canada Nursing Study Award, which Durnford created in 2020, will cover expenses to enable a fourth-year nursing student to accept a clinical posting in the Canadian Arctic or other northern rural and remote areas. "The idea is to give someone the means to go a bit further afield and do something that might not have been possible because of the travel and accommodation costs," she says.

Durnford is excited about possibilities that the award affords – both for nursing students and for the communities where they'll work and train. Most of all, she's excited that she will have the opportunity to see the impact these young nurses can make. "If you really want to make an impact, don't wait until you die to make it happen," she says. "Do it now."

"An undergraduate degree in nursing can be a springboard to just about anything," Durnford says. "I've done things that never would have entered my mind."



PHOTOGRAPH BY RYERSON CLARK/ISTOCK



◀ Phyllis Durnford, NSc '69, wanted to see the impact of her gift now, so she created an award to promote clinical postings in the Canadian Arctic.

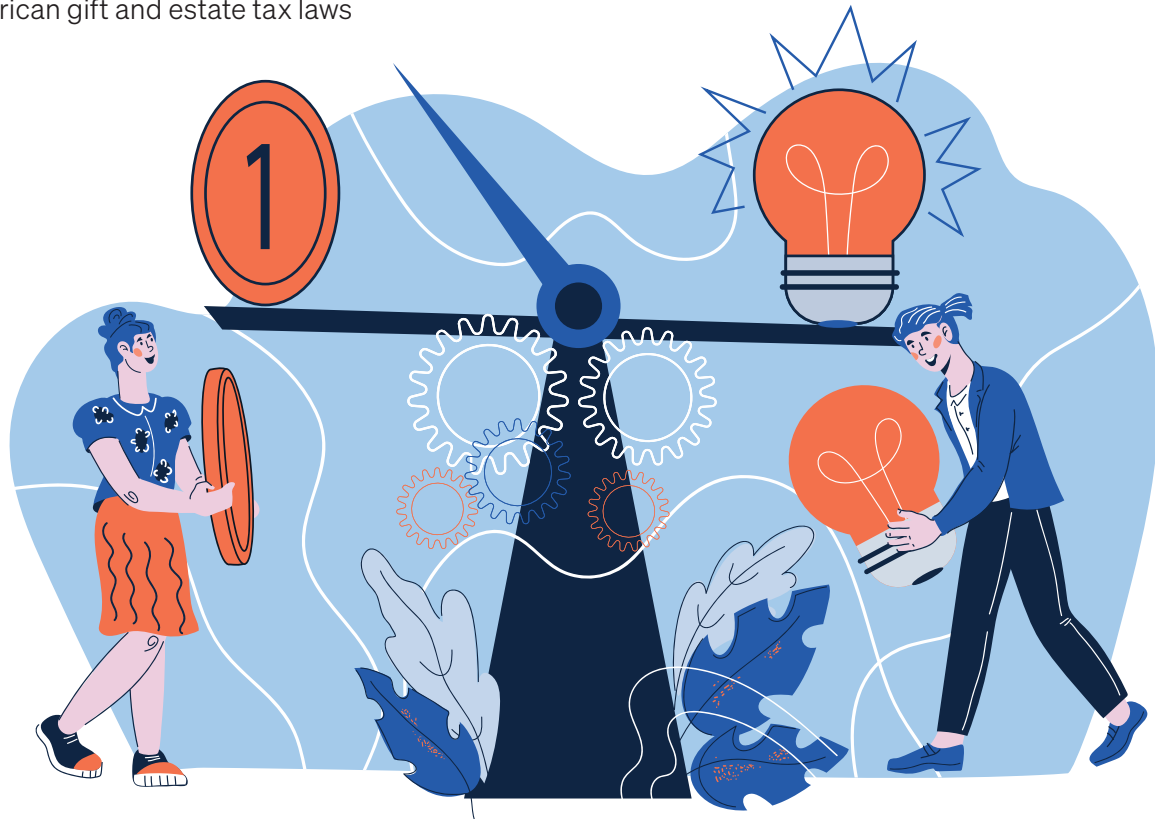


If you would like more information on how to create your own meaningful legacy at Queen's University, contact the Gift Planning office at gift.planning@queensu.ca, by calling 1-800-267-7837 or visiting our webpage at queensu.ca/alumni/giftplanning.

PHOTOGRAPHS BY (TOP) PHOTOGRAPH COURTESY OF PHYLLIS DURNFORD; (LEFT) RUBEN RAMOS/ISTOCK; (RIGHT) XAVIER ARNAU/ISTOCK

A tale of two countries

A spotlight on some of the differences in Canadian and American gift and estate tax laws



We may be close neighbours with a lot in common, but when it comes to tax laws related to gifts and estates, Canada and the United States are surprisingly far apart.

Perhaps the biggest difference is that, unlike Canada, the U.S. imposes a transfer tax on gifts made during your lifetime and an estate tax on all bequests. The estate tax — which ranges from 18% to a high of 40% — applies to estates or gifts above USD\$11.7 million for individuals and USD \$23.4 million for married couples. With Democrats currently controlling both the legislative and the executive branches of the U.S. government, there is speculation that the exemption level could drop to \$5 million or even \$3.5 million, where it was when President Barack Obama took office. The current level, which was set in the 2017 tax overhaul, is expected to sunset in 2025.

WHAT DOES ALL OF THIS MEAN TO YOU?

If you're a Canadian with ties to the U.S., an American living in Canada, or a Canadian acting as executor for an estate with ties to the U.S., it means that there are several things to consider with respect to estate planning.



► Sunita, Law '92, is a Partner at Blaney McMurtry LLP and tax expert who advises closely held companies, funds, and individual clients on a broad range of tax matters including cross-border structuring and succession planning. She is also an adjunct professor at Queen's Law School and a member of the Gift Planning Advisory Committee.

Reviewing your situation with an advisor could help you maximize the effectiveness of your planning.

FOR AMERICAN RESIDENTS OF CANADA

Americans living in Canada are still subject to the U.S. estate and gift tax. Gift tax is imposed on gifts of tangible property and on gifts of real estate in the U.S. (Gifts of shares in a U.S. corporation are not subject to the gift tax, although a bequest of U.S. shares — whether publicly traded or not — is subject to estate tax.) Real estate and debt obligations of Americans are also subject to estate tax if they are above the exemption allowed under the Canada-U.S. tax treaty.

EXECUTORSHIP

If you're the executor of an estate in Canada, don't forget to inquire about the deceased's parents' country of birth. A person whose parents spent their formative years in the U.S. is generally a U.S. citizen. Executors who fail to acknowledge their obligation to the Internal Revenue Service will be held personally liable for taxes if the estate is over the exemption threshold. This could result in a significant liability, and you could be personally liable for income taxes and information

returns not filed during the deceased's lifetime. Fortunately there are ways to manage this dilemma, including the American equivalent of the Canadian voluntary disclosure program available to Americans.

DOMICILE – IT'S NOT ALWAYS STRAIGHTFORWARD

If you intend to move to the U.S. permanently and you spend any amount of time there, the U.S. is now your domicile.

Canadians tend to know that they should not spend more than 120 days per consecutive calendar year in the U.S. so as not to be deemed a U.S. resident for income tax purposes under the substantial presence test. Canadians who meet the substantial presence test must file a Closer Connection Form to refute tax residency in the U.S. for income tax purposes. The Closer Connection Form is the tie breaker test that determines whether you are more closely bound to Canada or the U.S.

Canadians are often less aware of the punitive domicile rules under the Internal Revenue Code where a Canadian with a domicile in the U.S. will be subject to the U.S. estate and gift taxes, similar to a U.S. citizen. U.S. citizens and domiciliaries are not subject to the estate tax or gift tax if the estate is bequeathed or a gift is made to a U.S. citizen spouse or a U.S. domiciled spouse.

MAKING A CHARITABLE GIFT TO REDUCE GIFT AND ESTATE TAXES

Whether you're a U.S. citizen or a U.S. domiciliary, you can reduce your gift and estate tax liabilities by taking a deduction for contributions to a charity.

Queen's alumni and their families can make donations or bequests directly to the university and use the Queen's charitable receipt for your U.S. income tax returns under the Canada-United States Income Tax Convention.

Friends of Queen's who are American residents but not alumni or related to an alumnus can make a donation - with tax advantages - through the U.S. Foundation for Queen's University at Kingston, which is a 501(c)(3) tax-exempt organization recognized under the U.S. Internal Revenue Code. In addition, alumni making a gift from a registered fund, corporation, foundation or trust who are U.S. residents should also direct donations to the U.S. Foundation for Queen's University at Kingston.

—Written by Sunita Doobay

If you have any questions about the U.S. Foundation or making gifts from the U.S., please contact the Gift Planning office at gift.planning@queensu.ca or by calling 1-800-267-7837.

Readers are cautioned to consult their own professional advisers to determine the applicability of information and opinions in "Planning Makes a Difference" in any particular circumstances. The Queen's Gift Planning office produces a separate newsletter with charitable giving information specific to U.S. residents twice annually. If you wish to join this mailing list, please let us know by emailing gift.planning@queensu.ca.



Perfect your portfolio, make a gift

Let's examine how your gift to Queen's can help to optimize your portfolio.

If you are a Canadian resident for tax purposes, and if you have appreciated stocks in your portfolio, you may be dreading the thought of selling and facing a big tax bill.

Fortunately, there is a provision in the Income Tax Act that might take away some of the sting. When you donate publicly traded securities to a qualified charity, your gift isn't subject to tax and you get a tax receipt equal to the shares' fair market value.

Let's say you bought a stock for \$50,000 and it appreciated to \$100,000. You're in the top tax bracket and face a 50% marginal tax rate. If you sell the securities in the market, you must include a capital gain of \$25,000 in your taxable income (half of the appreciated value), which will generate \$12,500 in personal income tax.

Instead, if you donated an optimal number of shares, you can generate a tax refund that would completely offset the tax you owe. For instance, based on the facts above, if you donated \$20,000 of the securities in-kind to Queen's you would not have to include the capital gain associated with those securities in your

taxable income and you will receive a charitable donation receipt for \$20,000 that will generate a tax credit of \$10,000. You could then sell the remaining \$80,000 of securities in the market, which will result in a \$20,000 taxable capital gain being included in income (\$80,000 proceeds, less \$40,000 adjusted cost base, with 50% of the \$40,000 capital gain being included in taxable income). The tax liability associated with the capital gain is \$10,000 (\$20,000 taxable capital gain at a 50% tax rate), which is completely offset by the donation tax credit.

The optimized donation strategy reduces the proceeds that end up in your pocket by \$7,500 (if you sell \$100,000 of securities, you generate after-tax proceeds of \$87,500, while if you follow the optimized strategy and make a \$20,000 donation, you generate after-tax proceeds of \$80,000); however, instead of writing a tax cheque to the government of \$12,500, you have made a donation of \$20,000 to Queen's University. To ensure that this strategy is implemented correctly, we encourage you to consult with your tax advisor.

▶ Mark Skeggs, Com '98, is Vice-President, Wealth Planning, at Gluskin Sheff where he explores succession, tax, retirement, and estate planning issues for Gluskin Sheff's business owner and high net worth clients. He is also the Chair of the Queen's Gift Planning Advisory Committee.

CLASS NOTES



WRITE TO US

The Queen's Alumni Review welcomes comments at review@queensu.ca. All comments may be edited for clarity, civility, and length.



@queensureview



1940s

June Richards

June celebrated her 99th birthday on Saturday, June 12. June taught piano and an accompanying class at Queen's for 38 years, from 1973 to 2011.

1960s

Sue Iaboni and Peter Iaboni

Arts'67 and ArtsPHE'70
Sue and Peter met in 2005, their early conversations centering around their university years. Now married, they still find themselves drawn to Queen's and campus.

▲ From the archives: No social distancing at this kissing booth at a campus fair in the 1970s.

Last summer, during a short break in the lockdown, Sue and Peter had a chance to visit campus and see some of the new buildings. Sue and Peter were involved with the Toronto alumni branch in the past, helping to arrange events. Parents of a recent Queen's grad, they are also donors and have two seats in the Isabel Bader Centre for the Performing Arts, attaching their names to the university campus forever. Much like their lives.

Kathy (Hume) Owen and Bob Owen
Arts'67 and Arts'66, Law'68
Kathy and Bob have been enjoying retirement for over 10 years; Bob as a judge with a federal administrative tribunal, and Kathy as a principal from the Toronto District School Board. They enjoy travelling, golfing, curling, the activities of their three grandchildren, and recently became volunteer puppy raisers with CNIB. Kathy is currently a member of the QUAA Board of Directors. They would



both be happy to hear from Queen's friends. You can reach Kathy at kathyowen@rogers.com

1970s

John Abbott and Laurie (Gauchie) Abbott

Com'72 and Arts'71

John and Laurie celebrate 50 years of marriage on Aug. 21, 2021, with a cruise on a Windstar sailing ship. The couple met at Kingston Collegiate and Vocational Institute in Kingston and were married while attending Queen's. After a long and varied career, John is now an artist selling paintings of Western Canada in Banff and Lake Louise. Laurie was working on her MSc in organic chemistry when their first child came along. She has since graduated with a

master's in theological studies. Now retired, she spends much of her time leading Bible studies. They are hoping to be back in Kingston in 2022 for John's 50th reunion. Contact John and Laurie at abbottj@shaw.ca.

Ruth N. Bolton, PhD

Com'78

Ruth has retired after a distinguished career in academia. Recently listed among the world's top two per cent most-cited researchers in the marketing discipline, according to the Meta-Research Innovation Center at Stanford University, Ruth is now a professor emerita of marketing at the W.P. Carey School of Business, Arizona State University. She looks forward to travelling the world.

Ken Cuthbertson

Artsci'74, Law'83

Former editor of the *Queen's Alumni Review (QAR)*, Ken Cuthbertson is the author of *When the Ponies Ran: The Untold Story of Kingston's Minor-league Professional Baseball Team, 1946-51* (Cataraqui Press, 2021). Designed by longtime QAR art director Larry Harris, it is a chronicle of the baseball team the Kingston Ponies. Ken is also the author of six previous titles, the latest of which is *1945: The Year That Made Modern Canada* (HarperCollins Canada, 2020).

David Gay

Artsci'77, MA'81

A professor of English literature at the University of Alberta, David has won a 2021 Faculty of Arts Award for excellence in undergraduate teaching. Entering his fifth decade of university teaching, he is grateful for the excellent teachers and fellow English majors he met in Watson Hall.



1980s

Martin Baggaley

Artsci '83

I have been flying for Cathay Pacific Airways for nearly 30 years, after an 8½-year career in the RCAF post Queen's. Last July, I was in command of a flight of one of our aircraft from Hong Kong to her final resting place in the Arizona desert. This flight was a special event for me as, almost 25 years ago to the day, I was part of the crew that picked up this aircraft, then brand new, from the Airbus factory in Toulouse, France. To have picked up and then retired the same aircraft 25 years apart is a rare feat unlikely to have been accomplished by any pilot at a major airline. I am also fortunate to have been kept busy flying throughout the worst crisis in civil aviation history.



Stephen Schijns and Susan Harvey-Schijns

Sc'82 and Artsci'81

Stephen and Susan have moved to Kelowna, B.C. Susan is retired from teaching and Steve continues to do some work remotely for AECOM. Their daughter Rebecca (Sc'17) just received her Master of Science from UBC. Four decades after spinning records on CFRC, Steve has embarked on a recording career. His upbeat pop-rock originals are available on streaming, video, and download channels.

1990s

Natalie Ann Carter
Artsci'95

In May, Natalie and team, led by Dr. Jackie Dawson, were honoured with a Governor General's Innovation Award. Nominated by SSHRC, they were recognized for "Arctic Corridors and Northern Voices," a project that integrates traditional Inuit knowledge and Western science, leading to the creation of new routes for Arctic shipping that better protect culturally significant marine areas.



Bobby Kwon
MBA'90

Bobby recently accepted the role of president and CEO of the Canadian Commercial Corporation (Federal Crown) in Ottawa.

Stephen Scott
Sc'97

Previously the sales manager for Trane Technologies in Toronto, Stephen has been promoted to the role of East Canada Regional Equipment Operations Leader, leading a diverse team that supports the pre- and post-sales departments.



Matthuschka Sheedy
NSc'90

In 2019, Matthuschka joined her husband, Kevin (Sc'88), in Yellowknife, N.W.T., after he started a contract in the Canadian military with Joint Task Force North (JTFN). The manager of Maternal and Child Services at Stanton Territorial Hospital, she is currently recruiting obstetrics nurses. Their sons – Daniel (Artsci'19), Christopher (Sc'20), and Aidan (Sc'23) – remain in Ontario "to keep the home fires burning." Contact Matthuschka

at matthuschka66@gmail.com, matthuschka_sheedy@gov.nt.ca, or on LinkedIn.

2000s

Andrew Bond
Artsci'03, Com'03
Sheppard, Mullin, Richter & Hampton LLP in Los Angeles, CA, recently announced that Andrew joined the firm as a partner in the corporate and securities practice group and will be a member of its capital markets and public companies industry team.



Maria (Varlan) Garrett and Graham Garrett
Artsci'10 and Sc'09
Maria and Graham welcomed their daughter, Margot Penelope Garrett, on Dec. 10, 2020. She joins her very proud older brother, George, two years old.

2010s

Isabelle Duchaine and Derrick Dodgson
Artsci'14 and Sc'13
Isabelle and Derrick are delighted to announce the arrival of George Dodgson, "TBD'43." Born on March



Our New Governor General

WHO	CONNECTION	WHAT
Mary Simon, 73, an Inuk from Kuujuaq in northeastern Quebec	A Queen's University honorary degree recipient in 1994	Selected to become the 30th Governor General of Canada

27, 2021, George joins his older brother, Hector Dodgson, "TBD'42."

Paul Etherington, Mark Etherington and Sean Etherington
BA (Hons) 1999 Arts & Sci (History), BA (Hons) 1996 Arts & Sci (History), BA (Hons) 1998 Arts & Sci (History)
Awarded the Queen's Humanitarian Award in 2009 for their work with motionball, a charity raising funds and awareness for Special Olympics, the brothers have been able to keep their charitable efforts going during the pandemic. In September 2020, they ran a virtual Marathon of Sport event that was broadcast nationally on Sportsnet and raised over \$1 million net in one day.

Six-month-old Margot Penelope Garrett, giving Queen's alumni the peace sign.

Adam Abu Hijleh
Artsci'13
Doorr, a cloud-based point-of-sale mortgage software application used by



PHOTOGRAPH (TOP) BY DAVE CHAN

IN MEMORIAM

brokers and established by Adam and two of his friends, was recently acquired by Filogix, a business with Finastra, the third-largest global FinTech company.

Kyle Scott Hunter

Artsci'16

Kyle graduated this year from the TRU School of Law at Thompson Rivers University in Kamloops with his Juris Doctor of Laws.

Digvijay Mehra and Zahin Hussain

ArtSci'14, Artsci'16

Digvijay and Zahin married on April Fool's Day, 2021. They met while they were at Queen's, kept in touch and started dating in 2020 when Zahin moved back to Canada after working overseas in Vietnam, the Philippines, and South Korea.

Both Digvijay and Zahin were very involved in the Queen's community and held executive positions in the Queen's South Asian Association.

Digvijay has recently been appointed as the Government of Ontario's representative in India, leading the Ontario Trade and Investment Offices. They will be moving to India in the fall.



Emily Townshend

Artsci'19

Queen's student constable from 2015–2019, she was awarded the Commandant's Coin by Commissionaires Hamilton in January for her quick response and calmness during a coworker's medical emergency.



Helen (Bracken) Anderson

BA'46

Helen, 95, predeceased by husband Tim (A.T.E.) Anderson (BCom'48) in 1995, died Jan. 8, 2021, in Ottawa.

She followed a family history with Queen's, including parents Clifford Bracken and Florence (Willson) Bracken, siblings Clifford, Connie, Lawrence, Ruth, and Bruce, children Scott Anderson (Com'73), Sharron Anderson Barker (Arts'76, Ed'77), and Ian Anderson (Arts'84), and four grandchildren.

Helen is survived by Scott (Heather), Sharron (David Barker), and Ian (Margaret Hancock); her grandchildren, Sean (Sacha), Alison (Ian), Adam (Lily), Gillian (Lee), Rachael, and Rebecca (Curt); and her great-grandchildren, Claire, Aubrey, Jack, Cameron, Declan, and Graham.

Helen was deeply engaged with Queen's. She served on the Board of Trustees and was a founding member of the Ban Righ Centre. In 2008, she established the Helen Bracken Anderson Bursary, and in 2000, she was awarded the Grunnan Onarach Award (Ottawa Branch).

Kye Andreopoulos

Artsci'14

Kye Andreopoulos, suddenly at the age of 28 on Dec. 29, 2020, in Toronto.

Predeceased by his father, Chris, Kye is survived by his mother, Christine, and many friends.

He travelled and volunteered across Canada with Katimavik. At Queen's, Kye studied economics and politics, earning four academic awards as well as a full one-year scholarship to University of St. Andrews in Scotland. He was on the varsity rowing team and a sportswriter for the *Queen's Journal*. He also worked with Queen's Walkhome, volunteered with ASUS Lost Paws, raised funds through the Queen's Charity Ball, and



co-ordinated sponsorships for Queen's Model Court.

James Wayne Bates

MD'69

Dr. J. Wayne Bates died Tuesday, Dec. 10, 2019, at Orillia Soldiers' Memorial Hospital. Wayne is survived by parents James and Doreen Bates, wife Peggy Bates, daughters Lori Bates and Megan Balske (Timm), sons Michael Bates and Bradley Balske (Shannon), grandchildren Trinity and Caiden, brother David Bates (Cindy), sister Sharon Penty (David), and many nieces and nephews. Born in Hamilton and raised in North Bay, Ont., he graduated from Queen's University, Faculty of Medicine, 1969.

Wayne served his community as a family physician, anesthesiologist and coroner for 45 years. Additionally, he spent many tireless nights working as an emergency physician at Orillia Soldiers' Memorial Hospital, as well as delivering many local babies. He was greatly beloved by his patients.

Helen (Armstrong) Bronskill

BCom'48

Helen (Armstrong) Bronskill, 92, widow of Eric Bronskill (BCom'48) (1999) died at the Kingston Health

Sciences Centre on Sunday, Dec. 27, 2020. She is survived by her five children, Richard (M.Mus. U of T), Reginald (BA Queen's), Kathryn (BA Queen's), Alan (Env. Waterloo), Anne Enns (BA & B.Ed. Queen's), her grandchildren, Adrick, Caelan, Kathryn, Tegan, Nicolas, Camille, Emerson, Elliot, Ainsley, and Simone (BA Queen's); and her three great-grandchildren, Lucas, Kezia, and Ryan.

Helen supported the arts in Kingston and community programs. At age 16, she became a Farmerette when the farm labour shortage was acute during the Second World War. She said it was one of the best experiences of her life.



Joan Elizabeth Cloutier (née Macpherson)

BA'62

Joan died Jan. 31, 2021, in Ottawa.

Daughter of the late Colin E. Macpherson (BCom'26), and the late Joan (Hamilton) Macpherson of Kingston, she was known as Libby. Beloved wife of Eden Cloutier, (MBA'68, PhD'84), loving mother of Gillian Smith (Artsci'96), of Toronto and Alison Cloutier (PhD, University of Toronto) of Ottawa. Predeceased by her infant son, Peter Colin. Nana to granddaughters Aurélie and Clémentine Smith, and step-grandmother to Arnaud Smith (Artsci'18). Dear sister of Catherine Fee (Artsci'91), of Kingston and Barbara Lisson of Victoria.

In her last year at Queen's, Libby met dashing RMC cadet Eden. They married on Dec. 15, 1962, and went on to spend their early years at RCAF stations in the Prairies, and eventually returned to Ottawa where they raised their family.



Kathryn Emily Cook

Artsci'79

Kathryn Emily Cook (Artsci'79), 63, died Saturday, Feb. 13, 2021. She

was a great-great-granddaughter of the Rev. John Cook, the first Principal and Chancellor of Queen's University. She is survived by her husband, Andrew Faulkner (Artsci'82), daughter Gwyneth, and her sisters, Nancy Cook Bruns (Meds'79), and Carolyn Cook.

Kathy was on the Queen's Track Team from 1975-1979 and excelled in the 400-metre sprint. After graduating with a BSc in biology, she worked in Jerry Wyatt's lab in Kingston before she joined CUSO International and spent three years in Papua New Guinea, where she met Andrew. After returning to Canada, she completed her MSc in soil sciences at the University of British Columbia in 1994. In Victoria, Kathy worked in a lab, taught soils sciences, and, with



Andrew, ran their IT consultancy.

Kathy was active in the United Church and the broader community as a volunteer on environmental and social justice issues. She campaigned for the preservation of the Peace River Valley. Most recently, she supported refugees from Afghanistan, The Gambia, and Syria.

Frances May (Flynn) Cross

BA'38

Frances May Cross, wife of the late Headley (IR'46, BCom'48) died Jan. 3, 2021.

Predeceased by brother Edward Flynn. Left to mourn are Laurie Tilley, Kerry and Sue Cross, and Marni and Peter Stone. Treasured Nana to Erin, Jay, Jeff, Allison, Patrick, and Jennifer. Great-grandmother to Hudson and Silas.

She was born in Montreal but was raised in Kingston, Ont., and lived in Oakville, Ont., all her married life. She was a wonderful mother and active community member who lived to be just shy of her 104th birthday. Mrs. Cross thoughtfully established a legacy gift in support of The Commerce '48 Admission Award in memory of her late husband, Headley.



D. Ian Fraser

BCom'53

D. Ian Fraser, 90, of Perth, Ont., Feb. 20, 1931, died in Toronto, May 2, 2021. Only child of Donald and Doris Fraser. Survived by his wife, Patricia (Pat), father of Pamela Valentine, Alison Abou-Heif Ovenell, Margot Withey, and Jill Fraser. Father-in-law of Scott Valentine, Phil Ovenell, Rich Withey, Richard O'Brien and the late Frank Abou-Heif. Grandfather of Andrew (Sara Valentine) and Peter Valentine, Justine (Yassine Khechim) and Charlotte Abou-Heif, Erica, Richard, and Thomas Withey, and Madeleine and Alexander O'Brien. Great-grandfather of Lucy and Samantha Valentine and



Mateo and Paloma Valentine.

After obtaining his degree from Queen's University, he joined The Canada Life Assurance Company, retiring in 1995 as an executive vice-president and secretary of the company. He then served for 10 years as secretary-treasurer of the National Sanitarium Association, continuing on the Board of Trustees for five years.

Russell Delbert McKnight

MD'60

Russell Delbert "Del" McKnight, M.D. of Palm Coast, Fla., died on Feb. 8, 2021, at the age of 88.

In Dr. McKnight's (board certified in psychiatry) career he worked as medical director for the Comprehensive Mental Health Service for East Central Indiana in Muncie, Ind., associate professor, then director, at Texas Tech University Health Science Center in Amarillo, Texas, director for the Traumatic Head Injury Center of the Brown Schools in Austin, Texas, and private practice in Morristown, Tenn. and medical liaison co-ordinator for a management corporation at the Neuro-Psychiatric Units of Hospitals in Morristown and Norton, Virginia.

He is survived by wife Catherine, sons Darcy and Peter, daughter Christine, four grandchildren, Péter, Mikaela, William, and Toby McKnight, and brother Eric McKnight (wife Judy). Predeceased by brother Gerald McKnight (survived by his wife, Joan).



Francis Douglas Pollock

MD'62

Francis Douglas Pollock, 82, died Oct. 21, 2020, after a lengthy battle with cancer. His more than 40-year career as a family physician was spent in Kelowna, B.C., first with the Underhill Clinic, then later with Group One Medical, of which he



was a founding member. Doug was much appreciated in the community for his long-term dedication to the well-being of his patients. He had fond, early memories of several summers spent working at the Queen's University Biological Station. Doug is survived by his wife, Beth, nee Emslie, his daughters, Heather, Alison, and Susan and their families, and his sister, Eleanor Pollock Dills (BA'61). His father, Harold Stockwell Pollock (BSc'32, MSc'34), was a professor of electrical engineering at Queen's.

John William Shirokoff

BSc'78, PhD'90
John William Shirokoff died



tragically on Jan. 9, 2020. He is survived by his siblings, Peter Shirokoff (Sc'77), Patricia Ghent (Artsci'78, Ed'79) and Catherine Evans (Sc'83), and extended family.

John was an associate professor in the Faculty of Engineering and Applied Science at Memorial University for 20 years. There, he became known as a dedicated teacher, mentor, and researcher. He made significant contributions in the areas of materials science, corrosion, and asphaltene characterization. He was especially known in the scientific community for his work in asphaltene characterization, for which he received the Prince Mohammad bin Fahd bin Abdulaziz Al-Saud Prize for Scientific Excellence.

More recently, Dr. Shirokoff's research focused on corrosion of materials. He was collaborating with major industrial partners, including Bombardier and Suncor. To address the devastation caused by wildfires, he collaborated with Bombardier to find ways to improve the properties of metals in contact with saline water to allow water bombers to scoop water from the ocean. He was a firm believer in experimental

research. His work was recognized with a number of awards and major research grants. In addition to his research that had an impact on humanity,

John was a rare and amazing, polite personality who took the time to talk to the people around him. Colleagues, staff, students, and friends remember him for different reasons, but everyone will remember him as someone who always had something interesting to say and often with a twinkle in his eye.



Graeme Stuart Sutherland

BA'64
Graeme Stuart Sutherland, 91, died April 26, 2021. Leaving to mourn wife Renate (née Bidner), sons Ian (Meghan) and Peter (Pasquale), grandfather to Lauren, brother to Emeline (John), brother-in-law to Astrid (Jim) and Dieter (Betty), and uncle to Jamie, Peggy, Tim, Chris, and Christian.

Graeme was born in Shawinigan, Que., to parents Margaret MacDonald and Hugh Sutherland, formerly of Amherst, N.S., Graeme was raised in Montreal West.

A graduate of Queen's University and Macdonald College, he spent 32 years as a high school math teacher and school administrator for the former Protestant School Board of Greater Montreal (now EMSB). In retirement, Graeme enjoyed serving as a director of the former Robinson Residence for Retired Teachers. He contributed largely to his church and their choir and to the community.

Kendall Charles Tancock

BA'50
Ken, 93, died Jan. 27, 2021. Ken grew up in Burlington and later retired to Port Hope with his wife, "Babs" Alice Irene Caldwell (Arts'51, BA'63), where they lived for 30 years. Babs predeceased her husband by exactly 14 years, passing away Jan. 27, 2007. They are survived by children Martha (BA'75), Chris, Pam, and Wendy;



Some of Jim's more notable construction projects were Habitat (1967) and the Olympic Stadium (1976) in Montreal and a villa called "La Belle Creole" (1967-69) in St. Martin.

grandchildren Lucie (BA Hons.'13) and Johanna Simco, and Ben and Maxine Tancock.

Ken had a lifelong passion for Canadian history, which he taught for 35 years. As history head at Sir Wilfrid Laurier Collegiate Institute, he became known as 'Mr. History Conference.' He and his wife were active members in the Queen's Arts'50 alumni association.

James McEvoy Rielle Thomson

BSc'59
James, 83, Queen's civil engineering graduate, died suddenly in North Kawartha, Ont., Dec. 13, 2020. Jim is survived by wife Molly Moldovan, children Jill (Artsci'82), Pete (Sc'85), and Sylvia, grandchildren Jane Thomson (Artsci'00), and Alex Thomson, ex-wife Mary Ellen Baker (Arts'59), and his dogs Roscoe and Kanya.



Jim worked in the construction industry in Montreal and drove projects in Toronto with Lett Smith Architects, the Princess of Wales Theatre and the Power Plant Contemporary Art Gallery.

He had an unceasing passion for construction. Jim's biggest gift was his cheerful personality and a passion for life that included everyone around him.

David Emmons Torrance

PhD'87
David, 69, with degrees from Washington, Lee, and Brown universities, and PhD from Queen's, died Nov. 8, 2020. He was a respected professor and scholar, publishing a significant work on Lord Selborne in South Africa and contributed research on British imperial policy. He taught history at Mount Allison University. He leaves to mourn his mother; wife, Elizabeth; children, Beth, Margaret, Alice, and Charles; his brother, Jim Torrance (Cindy); and Jim's children, Tina and Danny, and several other family members and friends.



NOTE
Obituaries are posted online as we receive them. If you have memories of faculty, colleagues, and friends you would like to share, please email us: review@queensu.ca

LEGACY

1934-2021

Donald Sobey

A Canadian business icon who never forgot his small-town roots

A year ago, in the midst of the first wave of the COVID-19 pandemic, Canada was struggling to find the equipment needed to protect health-care workers and give the breath of life to people gasping for oxygen.

Dr. Arthur McDonald, Nobel laureate and notable figure at Queen's, had pulled together a team to make ventilators, a critical need inside Canadian intensive care units.

Dr. McDonald needed a key piece of equipment or the project could be set back months. So he turned to fellow Nova Scotian Donald Sobey.

Mr. Sobey, with his brothers Bill and David, had built the family business to become a national player in the food industry. He was equally known as a willing partner for people with a good idea and great need.

His son, Rob Sobey, remembers sitting in by speaker phone on Easter Monday 2020, as Dr. McDonald made his urgent pitch.

His father "knew it was about saving lives. There was no pushback, no questions. He just said, 'We're in,'" with \$250,000 through the Donald R. Sobey Foundation.

Donald Creighton Rae Sobey was born in small-town Nova Scotia. The family legend is that he spent a lot of his youth repacking bags of potatoes. Hard work teaches lessons, and it showed this particular young man what he did not want to do.

While his older brothers were involved in the operations of the growing business, Mr. Sobey had a

gift for figures that led his parents, Frank and Irene, to believe he would benefit from a university education.

"Prior to that we had no connection with Queen's," Rob said, but the school had a good reputation and it was also strategically located between Toronto and Montreal.

"He really wanted to go," Rob said,

"My father always said about his father, 'If you give a dime into the community, somehow it comes back to you as a quarter.'"

and in 1953 Mr. Sobey entered the Commerce class of 1957.

He enjoyed his time in Kingston. He studied hard but he also refined his sense of humour.

"He often recounted with pride that the dean at the time would tell his class of Commerce '57 that they were, without doubt, the worst Commerce class 'ever at Queen's,'" Rob said. The story "gave him an opportunity to laugh at himself."

Mr. Sobey was under no obligation to go home to do the company books, but after just a year of law at Dalhousie followed by a short stint in London, England, with Wood Gundy, he joined the family firm.

He rose to become president of Empire Company Ltd., the chain's parent company, from 1969 until he was appointed chair of the board in 1985. He played a key role in expanding a regional supermarket company into a national player.



▲
Donald Sobey always maintained his connection with his alma mater. Queen's 'helped him become who he was.'



said by email. “I went to a small high school with a graduating class of 32.

“Studying business was not a very common path from my school, but I was curious enough about it to catch wind of the Sobey scholarship and the [Smith] School of Business. The scholarship introduced me to the idea of leaving Atlantic Canada for my undergraduate education and attending the best business school in the country.”

Ms. MacDonald went on to obtain a Harvard MBA and a position as a team leader with the Boston Consulting Group, serving clients in the retail and consumer goods sector, including in the food industry.

“A ‘full circle’ moment,” she says.

The scholarship isn’t Donald Sobey’s only contribution to the university. In 2008, Mr. Sobey established the Donald R. Sobey Professorship to support research by a Smith faculty member.

In addition to his passions for business and education, Mr. Sobey also had a lifelong interest in the visual arts.

In a 2016 interview, he said his interest was sparked by a visit as a high-school student to Mount Allison University in New Brunswick, where work by Alex Colville, another successful Nova Scotian, caught his attention.

“For the first time, I saw Canadian art that I really appreciated. Before that I had seen biblical art

and ancient art, but there was no Canadian art that I could relate to and, all of a sudden, I saw [Alex] Colville,” Mr. Sobey said.

“One fellow took me aside and said, ‘If you are going to buy art, why don’t you just buy Canadian art. You’re a Canadian.’ And I followed that advice and my father followed it, too.”

His own collecting included Cornelius Krieghoff, Lawren Harris, and James Wilson Morrice, as well as modern works by Brian Jungen, who would be the first winner of Mr. Sobey’s biggest contribution to Canadian visual art, the Sobey Art Award.

The Sobey Award is today one of the largest visual art prizes in the world.

Mr. Sobey said in 2016 that “my father always said about his father, ‘If you give a dime into the community, somehow it comes back to you as a quarter.’ Things work that way. That’s what giving back was. You don’t do it for that reason.”

In this case, the project involved Ray Cronin, then the curator at the Art Gallery of Nova Scotia. The first award was handed out in 2002. More than 250 longlisted, shortlisted, and winning artists have been recognized since. Today it is administered through the National Gallery.

Rob Sobey assumed the leadership of the award in 2006, but his father was always available for an appearance... with coaxing.

In business, Mr. Sobey was also a decider-in-chief. His son recalls, “he wasn’t afraid to see what works. But it was a calculated chance. If it didn’t work, he needed to know where the back door was.”

Mr. Sobey and brother David were known inside the family as Statler and Waldorf, the cantankerous hecklers from *The Muppet Show*.

The brothers both retired from the company board in September 2015.

“Both of them said thank you and then Dad grabbed the mic and he said, ‘We are finally coming off the balcony, but rest assured we are still backstage.’”

Donald Creighton Rae Sobey died in March at age 86 of undisclosed causes. — Peter Robb

Donald Sobey
married
Elizabeth
(Beth) Purvis
in 1963.



Over the years, he sat on other boards, including as chair of the National Gallery of Canada and Maritime Tel & Tel, and as a director of the World Wildlife Fund.

He also maintained a connection with his alma mater. In 1998, that connection led to the founding, with his son, Rob (also a Queen’s alumnus), of the D&R Sobey Atlantic Scholarship, which each year helps up to eight Atlantic Canadian high school students enter Commerce at Queen’s. There have been 148 Sobey Scholars – and counting – and about \$6.6 million distributed.

Mr. Sobey saw the scholarship as recreating his own journey.

“[Queen’s] matured him, helped him become who he was,” says Rob.

For Charlotte MacDonald (Com’13), being a Sobey Scholar served that exact purpose.

“I grew up between Halifax and rural Prince Edward Island,” she



Oluwatobiloba (Tobi) Moody (PhD'16).

Fair and equitable

Queen's doctoral grad Tobi Moody returns to teach law

Oluwatobiloba (Tobi) Moody, PhD'16 (Law) has weathered the global COVID-19 pandemic in Abuja, Nigeria, where he has overseen the establishment of the World Intellectual Property Organization's (WIPO's) first Sub-Saharan African External Office in the country of his birth.

But when he returns to Canada next year to take up his post in the Faculty of Law as the university's National Scholar in International Economic Law and as an assistant professor of law, Dr. Moody plans to draw from his varied experiences in the field to develop a course on the global challenges of intellectual property (IP) law.

In addition to teaching courses on patent law and property law, he will concentrate his research efforts in applying a Canadian lens to his past work exploring the protection of traditional knowledge within Indigenous societies.

As an assistant legal officer within the Traditional Knowledge Division at WIPO's Geneva headquarters, Dr. Moody co-ordinated the process of negotiations among WIPO member states on the crafting of an international law to effectively protect traditional knowledge.

"The cultural expressions of Indigenous People – their dances, songs, ceremonies, stories – are an important source of their heritage, and sometimes the commercialization of those aspects could be seen as misappropriated in the IP space, [such as] a sacred design used on a carpet that could be offensive to an Indigenous group because people walk on it," explains Dr. Moody, whose doctoral thesis was entitled "WIPO and the reinforcement of the Nagoya Protocol," a supplementary agreement to the United Nations' Convention on Biological Diversity that addresses the "fair and equitable" sharing of benefits from genetic resources and associated traditional knowledge.

Indigenous knowledge conversations, he says, also involve the use of resources "that define Indigenous groups who have adapted traditional methods to their environment and hold a strong connection [to] and ownership over such resources. This could be problematic where researchers or companies are able to acquire rights over the knowledge, such as how plants are used to treat diseases, and utilize the same to develop products for the market without compensating or recognizing the role of Indigenous Peoples."

— Christopher Guly



Is it time to reset the way you protect your loved ones?

Alumni Insurance Plans can help.

2020 will go down as the year of the great reset. The year we all got back to basics and were reminded of what really matters: family and protecting it. Maybe it's time to reset the way you protect your loved ones.

Alumni Insurance Plans can help protect you and your family against life-changing events that can happen at any stage of your life. Choose from Health & Dental, Term Life, Major Accident Protection, Income Protection and more.

Reset your protection.

 **Manulife**



Get a quote today. Call 1-888-913-6333
or visit us at [Manulife.com/queensu](https://www.Manulife.com/queensu)

Underwritten by **The Manufacturers Life Insurance Company (Manulife).**

Manulife, Stylized M Design, and Manulife & Stylized M Design are trademarks of The Manufacturers Life Insurance Company and are used by it, and by its affiliates under license. Available to Canadian residents only. © 2021 The Manufacturers Life Insurance Company. All rights reserved. Manulife, P.O. Box 670, Stn Waterloo, Waterloo, ON N2J 4B8. Conditions, limitations and exclusions may apply. See policy for full details.

Accessible formats and communication supports are available upon request. Visit [Manulife.ca/accessibility](https://www.Manulife.ca/accessibility) for more information.

RETURN UNDELIVERABLE CANADIAN ADDRESSES TO:

Queen's Alumni Review Magazine
 Queen's University
 99 University Avenue
 Kingston, ON K7L 3N6
 review@queensu.ca

NOT YOU?

Getting multiple copies?
 Want to get the digital magazine
 or switch to the app? Let us know.



TD Insurance
 Meloche Monnex

Ready
 for you



Queen's University alumni, feel confident with preferred rates from TD Insurance.

You could save with rates
 on car, home, condo and
 tenant's insurance.



Get a quote and see how much you could save!

**Go to tdinsurance.com/queensualumni
 Or call 1-888-589-5656**



The TD Insurance Meloche Monnex home and auto insurance program is underwritten by Security National Insurance Company and distributed in Quebec by Meloche Monnex Insurance and Financial Services Inc., Damage Insurance Agency, and in the rest of Canada by TD Insurance Direct Agency Inc. Our address: 50 Place Crémazie, 12th Floor, Montreal, Quebec H3P 1B8. Due to provincial legislation, this car and recreational insurance program is not offered in British Columbia, Manitoba or Saskatchewan.

* The TD logo and other TD trade-marks are the property of The Toronto-Dominion Bank.