ALUMNUS A-LISTER

Simon Huck is at the top of Hollywood's PR game

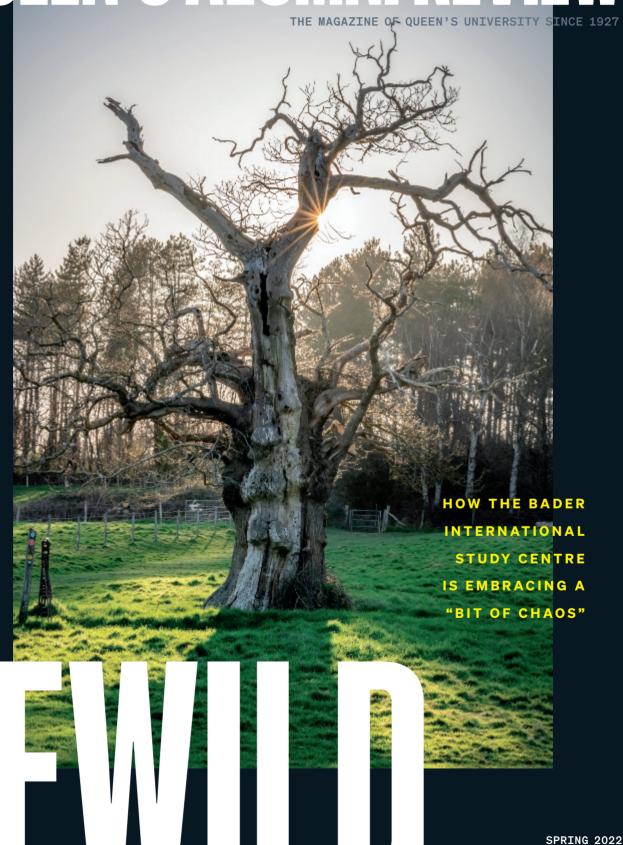
ALMA MATER SOCIETY

Our hall of presidents represents the changing face of Queen's

PEDAL TO THE METAL

Dalton Kellett is on track to race the Indy 500

QUEEN'S ALUMNI REVIEW





JOIN US AT THIS YEAR'S GALA AND CELEBRATE THE CONTRIBUTIONS OF THESE OUTSTANDING ALUMNI.

ALUMNI ACHIEVEMENT AWARD

Jim Leech, MBA'73

ALUMNI HUMANITARIAN AWARD

Leslie Laing Gibbard, MSC'82, PhD'87

ALUMNI MENTORSHIP AWARD

Sharon Ranson, Com'80

OUTSTANDING STUDENT AWARD

Aaryan Chaudhury, Artsci'21

MARSHA LAMPMAN BRANCH VOLUNTEER AWARD

Kimberley Molina, Artsci'07

ONE TO WATCH AWARD

Heather Evans, Com'16

INITIATIVE OF THE YEAR AWARD

Toronto Branch Spring Wellness Event

RISING STAR VOLUNTEER AWARD

Yinka Adegbusi, Artsci'13

HERBERT J. HAMILTON VOLUNTEER SERVICE AWARD

Jeremy Mosher, Artsci'08







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Mother Nature steps in to reclaim the castle.

BY JORDAN WHITEHOUSE

Alma Mater Society

Two alumni went on a quest to find past AMS presidents.

BY TONY ATHERTON

No hierarchies

How Queen's collaboration is changing the future of health care.

BY CARLY WEEKS

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The Bader

International Study

Centre grounds were

photographed on

March 18, 2022, by Zoltan Attila

Kecskes.

DIJEFN'S AJ JIMNI REVIEW

We asked Eastbourne, East

Sussex, photogra-

pher Zoltan Attila

Kecskes to capture the concept of

rewilding in a

single shot.

Kecskes spent

several days with

his camera wander-

ing through the forests and fields

surrounding the

castle to capture the perfect image.

He knew it when he

saw it: a lone tree
in a sun-dappled

meadow. "I spent

hours looking for the perfect shot,"

he said. "But when I saw the tree, I was struck by

its height and
the wildness of
its branches, and
I thought it was
the perfect representation of the
rewilding of

the grounds."



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"Within days,
I was working
red-carpet
events,
surrounded
by some of
the biggest
celebrities
in the world.
It was so
surreal."

— SIMON HUCK, P. 37

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Dr. Bert Wasmund believed in investing in people.

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An alumnus brews up a winning new beer.



PHOTOGRAPHS BY (CLOCKWISE FROM TOP LEFT) TIM FORBES; GETTY IMAGES, JAMES DEVANEY; PENSKE ENTERTAINMENT, CHRIS OWENS; JEFF GREY



RESUMING OUR MISSION

le have so often found ourselves the ironic dupes of COVID-19 that I am reluctant to write anything that might invite a further humbling of the species. So, if I take this opportunity to reflect on the pandemic and its impact on the people of Queen's University, virus stand down: I am in no way presuming that we are finished with COVID-19.

But it has been more than two years since the World Health Organization (WHO) declared a pandemic, two years since universities everywhere achieved the hitherto unimaginable goal of taking their entire educational operation online, and two years since faculty and staff – with the exception of essential workers – began working from home. After so long, and thanks to our remarkable ability to normalize the abnormal, it is easy to miss the magnitude of what has happened to the world during that time. And by extension it is just as easy to underestimate the human costs and the challenges of the recovery which is just beginning. As restrictions are being lifted and we slowly emerge from this peculiar hibernation, it is important to reflect on the risks that attend this moment – even as we acknowledge this may not, in fact, be the end of anything.

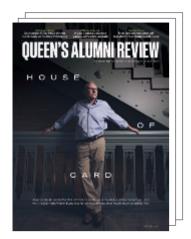
At Queen's our habit has been to mourn the loss of human contact that came with COVID-19, in particular the rich extra- and co-curricular life that has historically defined undergraduate life at our university. We have been deeply moved by the situation of students whose entire first year was spent online, and whose return to in-person study occurred without full enjoyment of the community-building practices, ceremonies and traditions

that have led students in the past to build a lifelong connection with their alma mater. As restrictions are steadily lifted, we will do everything we can to foster that spirit, but I suspect that in the years to come our graduates will find themselves connected in part at least by the shared loss of innocence that the pandemic brought to their lives, their awareness of how precarious are our hopes, ambitions, and assumptions – especially in the context of global and environmental threats.

I would hope that this chastened sense of possibility, arising paradoxically out of the limitation of ordinary human interaction. will have given our students a deepened sense of empathy and fellow feeling, a more profound understanding of the complexities and responsibilities of being human. There is nothing to celebrate when a global tragedy thrusts young people prematurely into adulthood, but it would only deepen the tragedy if no learning were to come from that experience. At about the time COVID-19 appeared we were beginning a university-wide discussion of our reason for being, of the various ways our university can increase its impact in the world; and the commitment that has emerged - to the 17 Sustainable Development Goals and to addressing the world's great challenges - has been honed and strengthened by the lessons of the pandemic.

There is one lesson that may not be heeded in our rush to reassert "normality," in our determination to give students as soon as possible that rich in-person campus life that for many defines us. That is the need to understand that for the entire Queen's community the continuing stresses and anxieties of COVID-19, as well as the fear of change – even change in a more positive direction – will be significant, and will demand from us all a high degree of empathy, resilience, and intellectual courage. In those things we will find the real meaning of community and of human contact, and will be able to resume our mission properly and more profoundly "in person."

PRINCIPAL PATRICK DEANE



I read the most recent issue of the *Alumni Review* from cover to cover. It was superb – best I can recall. I especially loved thearticles about David Card, Omar El Akkad and 1 Aberdeen St. in "If these Walls Could Talk." Congratulations to the QAR team for their great work.

JEREMY MOSHER, Artsci'08 President, Queen's University Alumni Association, 2018–2020

I enjoyed Principal Deane's article, "Heart of the Challenge," both because as a public educator at Algonquin College for 35 years I espoused the same philosophy about post-secondary education and as a Queen's alumnus I am proud to be associated with a university that has leadership that is still standing up to the corporate mindset that has overcome the majority of North American post-secondary institutions. Thank you.

WAYNE WILSON, Ed'70

I was recently flipping through the Fall 2021 issue of the *Alumni*

Review and spotted a couple familiar faces. The "Eighty Years of Queen's Nursing" story featured a photo of the first capping ceremony in 1948. The student bent over to receive her cap is my grandmother, Evelyn Freeman. The woman next to her, farthest right in the picture, is her friend Freda Leadbeater. My grandmother and Freda met in Queen's Nursing and they became lifelong friends. They were each other's maids of honour and remained in close contact for the rest of their lives. It was a nice surprise to see them in the Alumni Review, and I thought you might enjoy learning the sweet backstory of the students in the photo.

I've attached a photo of the two of them at my grandmother's graduation. My Grandma's in her graduation gown and Freda's in a polka-dot dress (she was always very stylish).

ANNE RUNCIMAN, Artsci'20

Principal Patrick Deane excoriates those students who view their tuition as "simply a fee for service," and themselves as consumers of a "product" (Winter 2021). However, a lacuna is that universities as a subset of our entrepreneurial culture are as much to blame. In any case, the "marketplace of ideas" lexicon is old, and more semantic than substantive.

A career soldier, I first came to Queen's in the early 1960s as a "mature student" in night classes and summer school. I sacrificed my family to hours and months of study, and I was awed by my professors as demiurges of learning. When I left the army and enrolled

full time in Honours English, my wife, Kathleen raised our girls and worked as a secretary to support us on meagre wages.

One day, when a professor younger than I began our seminar with a question, the students were unresponsive, and I feared being overly assertive. Silence followed. "If you haven't read the work, you're wasting my time." He stalked out of the room. Minutes later I was at his office: "My family sacrifices everything for me to be here," I said, "and I pay you, sir, to deliver the goods." So, we had a one-on-one tutoring session.

Years later when I read for the DPhil at the University of York (U.K.), British universities conducted a so-called "industrial action" – professors withdrawing their services from their seminar "workshops."

In due course I, too, became a purveyor of a literary "product" at Royal Roads Military College, and our officer cadet "customers" at the end of classes evaluated the production process. My favourite comment: "I wish he would buy a pipe that would stay lit." That would have been cost-effective.

G.W. STEPHEN BRODSKY, Arts'69, MA Victoria'75, DPhil York (U.K.)'89

I wanted to send a note to say how much I enjoyed the most recent issue of the *Alumni Review...* the diversity of the articles and the very attractive presentation of all features made it such a delight to peruse! I particularly liked the feature on David Card, as well as the interview with Omar El Akkad. Though I was sad to read that Brian Hennen had died – he was



Anne Runciman's
(ArtSci'20)
grandmother,
Evelyn Freeman,
and her best
friend, Freda
Leadbeater,
1948, Queen's
Nursing.

QUEEN'S
BY THE
NUMBERS

A new Deloitte
report highlights
how Queen's
generates more
than \$1.6 billion
annually in local
economic and
social benefits.

700+
Number of startup
companies and
entrepreneurs
Queen's has
supported

Number of medical doctors on Queen's faculty that work in the Kingston region

Total raised annually by Queen's students, staff, and faculty in support of local underserved populations

Number of jobs in Kingston that are at Queen's University

on my AMS Executive as the Senior Meds rep that year, and I knew about his outstanding career as a physician and medical educator. **STEWART GOODINGS.** Arts'62



The photo (above) jumped out at my husband and I (both Sc'98s)

from the last Oueen's Alumni Review, as we were both on the Varsity Nordic ski team from 1995 to 1998 and recognized the ski suits this group was wearing. We wore the same ones (they were literally passed down year after year and were OLD). I got in touch with my brother (Sc'95), who was also with the team from 1992 to 1995, and we both reached out to others we knew who were on the team in earlier years. This photo was not taken on Queen's campus, but at the OUAs in 1991 in Sudbury and this is the Varsity Nordic ski team from that year.

FIONA LAKE WASLANDER, Sc'98

CONTRIBUTORS



Jeff Grey is a portrait and wedding photographer based in Melbourne, Australia. A graduate of RMIT University, with a diploma in photography and photo-imaging, he specializes in portraits and has a deep passion in capturing and bringing out the personalities and true emotions of subjects. His style of photography is modern, conceptual, and free. See his photography in "For the Record," on page 14.



Carly Weeks (Artsci '03) spent much of her four years on campus in the office of the Queen's Journal, an experience that led her to a career in newspaper reporting. She has been a health reporter with the Globe and Mail since 2007 and will look for any excuse to visit Queen's and stop by Pan Chancho for an armload of bread. Read: "Operation Remote Immunity," on page 32.



Jeff Pappone (left, with NASCAR driver Alex Tagliani) writes about Formula One for Inside Track Motorsport News and the Montreal Gazette. Previously, he spent 15 years on the motorsport beat for the Globe and Mail. In 2019. Jeff was inducted into the Canadian Motorsport Hall of Fame in the media category. Read: "How I Got Here," on page 42.



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



OUEEN'S ALUMNI REVIEW

VOLUME 96. NO. 2. 2022

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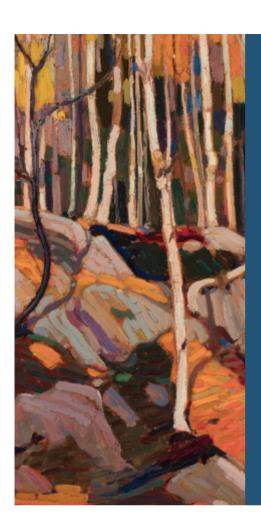
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Queen's University is situated on traditional Anishinaabe and Haudenosaunee Territory





TOM THOMSON?

The Art of Authentication

26 February-29 May 2O22 Curated by Alicia Boutilier and Tobi Bruce

IMAGE: Tom Thomson, *The Birch Grove, Autumn* (detail), 1915-1916, oil on canvas. Art Gallery of Hamilton. Gift of Roy G. Cole, Esq. in memory of his parents, Matthew and Annie Bell Gilmore Cole, 1967

Organized and circulated by Agnes and Art Gallery of Hamilton, in partnership with the Canadian Conservation Institute. This exhibition is generously supported by the Museums Assistance Program, Government of Canada, and the Janet Braide Memorial Fund, Queen's University.

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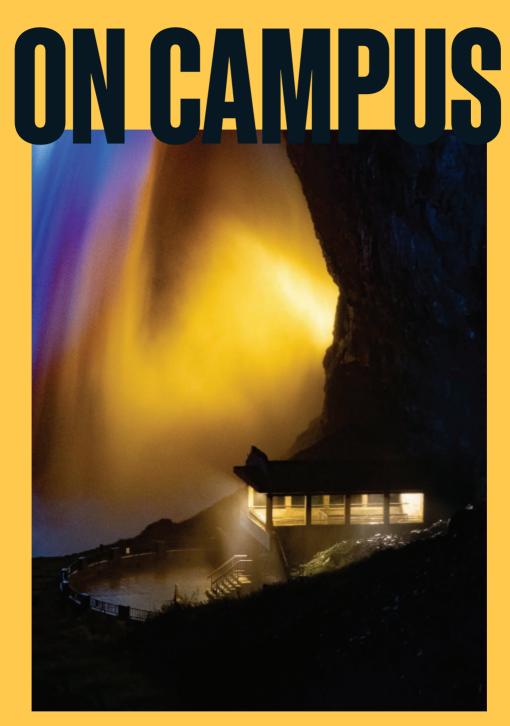
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PHOTOGRAPH BY ALVIN (JUNYI) LI



In a year when campus was truly wherever a student lived, the Queen's University International Centre's (QUIC) annual photo contest celebrated student perspectives from around the world. This year's winner, Alvin (Junyi) Li, says of his photograph, "The scenery was so dreamy that the cascading waterfalls, accompanied by mist and ambient lights, created an incredible atmosphere."

CAMPUS NEWS

The Announcement

Medical school placements to jump 20 per cent

The Queen's University School of Medicine expects to increase undergrad and residency program placements by more than 20 per cent thanks to new funding from the province.

The announcement means Queen's will receive 20 new undergraduate seats and 30 post-graduate positions. Currently, the university enrols 108 undergraduate students (from about 5,000 applications) and 126 residency positions each year.

Dr. Jane Philpott, Dean of Queen's Health Sciences and Director of the School of Medicine, is not sure when Queen's can start accepting the additional students, but she hopes it will be this fall.

The move, she says, is a step toward addressing the strain on our health-care system. It's the province, she points out, that sets the undergraduate and residency cap for each school as it predicts the needs of Ontario.

"We're really hoping that we're also going to see an expansion of our nursing school – we desperately need that – and, you know, ideally someday it would be great to grow the rehabilitation therapy school as well," she says.

"It's not just about training more doctors. It's training more health professionals at large, and making sure that they have the resources to do their work and the support that they need... It could not be more urgent to be seeing the training of more health professionals."

The Ticket

New lecture series opens access to top scholars

A new lecture series will provide alumni and the Queen's community access to some of the leading researchers and internationally renowned visiting scholars.

The Queen's Lecture Series will showcase knowledge from across campus and bring it directly to alumni and the university community through an ongoing series of annual lectures.

"Queen's is known for its research leadership and a history of innovation that has helped solve some of the world's most pressing problems," says Queen's Vice-Principal (Advancement) Karen Bertrand, Artsci'94. "The Queen's Lecture Series is a wonderful opportunity to have direct access to and learn from these renowned experts."



Queen's researchers and experts are making an impact around the world and this lecture series aims to share their knowledge with the campus community. The series will promote lectures that have been made possible through the





PHOTOGRAPH (ABOVE) BY JACK THOMPSON



generosity of donors who have established endowed funds at Queen's. The first lectures were to be held April 14 and 28, with more dates to follow.

The Solidarity

Queen's supports those affected by invasion of Ukraine

Queen's University is aiding displaced persons, as well as students, academics, and others impacted by the Russian invasion of Ukraine.

Principal and Vice-Chancellor Patrick Deane issued a statement March 1 condemning Russia's actions, and the university has taken several measures to support Bader
International
Study Centre
alight in the
colours of the
Ukrainian flag
as a show of
solidarity.
Student Jack
Thompson
initiated the
display.

campus community members impacted by the crisis. Those measures have included contacting students – particularly those from Ukraine and Russia, as well as those with connections to the region – to extend assistance. As well, communications to the whole student body highlight supports available through the Office of the Registrar, Student Wellness Services, Queen's University International Centre, Faith and Spiritual Life, and other areas of the campus community.

Currently, Queen's has no students participating in exchange programs in Ukraine or Russia, however, university outreach continues to those in the region.

Teams are also working with international partners to explore ways to aid potential refugee students and academics from Ukraine, for whom the university has systems in place to provide financial assistance and

admission pathways. The Office of the Registrar is also working with students who may have had funding affected by economic turmoil to ensure they have access to emergency bursary support.

Members of the Queen's community also gathered March 11 for a vigil for peace in connection with the invasion.

The afternoon event, hosted at Grant Hall by Interfaith Chaplain Erin Burns, provided an opportunity for students, faculty, and staff to come together, reflect, and support one another.

Ivan Shapovalov, a PhD student in cancer research from Ukraine, spoke at the event and shared his feelings of being away from his family, friends, and loved ones amid the devastation, while also holding out hope for peace.

But words of support are not enough, he added, calling on everyone to take action in their daily lives.

"Some people just find themselves in a war zone one day, but the rest of us have a privilege and perhaps an obligation to choose to fight the small wrongs. And even though war is tearing apart my Ukraine, there is a lesson and a reminder in it for a moral compass of anyone in Canada, too."

The Renewal

Two Queen's deans reappointed to new terms

Two Queen's University deans have been reappointed to new terms. Dr. Kevin Deluzio, Dean of the Faculty of Engineering and Applied Science, and Dr. Barbara Crow, Dean of the Faculty of Arts and Science, have been renewed effective July 1. Dr. Deluzio will serve another five-year term, while Dr. Crow has been renewed for three years, after which she will to retire to focus on research.

Dr. Deluzio, recently named a 2022 Fellow of the Engineering Institute of Canada, has served as dean since June 2017. Before that, he was head of the Department of Mechanical and Materials Engineering from 2014 to 2017, as well as head of the Human Mobility Research Laboratory at Queen's.

Dr. Crow has served as dean since July 2017. During her first term, the faculty developed its first strategic plan, based on the guiding principles of equity, diversity, and inclusion; excellence in teaching, research, and service; transparency, accountability, and fairness; and continuous learning, professional development, and global engagement.



Fighting Squirrels take on the Gaels

Did you hear Queen's sports teams are rebranding their name to become the Fighting Squirrels? If you did, then you were probably looking at the Queen's Alumni social media channels on April 1.

This year's April Fool's Day prank announced the university was changing the school nickname because a Gaelic translation error resulted in teams mistakenly being called the Gaels.



and Joseph

Kangmennaang

April Fool's

media graphic

Day social

impressions but not too many people were fooled, judging by the dozens of comments from people who enjoyed the good laugh. (With apologies to the handful of alumni who said they wanted to buy Fighting Squirrel merchandise.)

There is a long history of April Fool's pranks at Queen's. Over the years, students have attached a giant inflatable King Kong to the Grant Hall clock tower and placed a car in a tree.

April 1 prank on Queen's Alumni social media, believing the clock in the Grant Hall tower had been replaced by a digital clock.



A few people fell for last year's

The Appointment

Black Studies program gains 7 faculty members

The Faculty of Arts and Science welcomes seven new faculty members to the Black Studies program, including four Oueen's National Scholars in Black Studies.

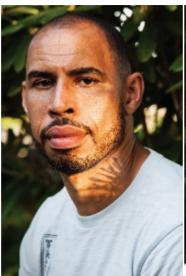
"The Queen's National Scholar program attracts top talent, ensuring growth and the continuation of our efforts to advance research and scholarship in Black Studies and provide an exceptional student learning experience through curricular innovation," says Barbara Crow, Dean of the Faculty of Arts and Science. "These seven new faculty members provide an interdisciplinary energy and depth to our course offerings, while also supporting students who are committed to making connections between research, activism, and social change."

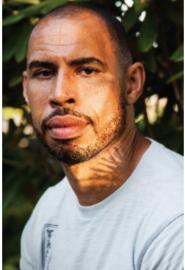
Their recruitment was the result of an intensive search with a focus on equity, diversity, inclusion, anti-racism, and scholarship that emphasizes global Black studies.

The Accolade

Maclean's Power List includes 7 from Queen's

Seven members of the Queen's community are among 50 Canadians Maclean's has named to its annual Power List for leading transformative change in a time of global uncertainty.











PF PHOTOGRAPHS COURTESY

The Power List highlights the individuals, groups, and issues shaping our world. This year, Maclean's said it focused on those helping to navigate the global pandemic, as well as those who will lead change in the future.

"Our ability to navigate these problems will rest heavily on our brightest, bravest, and most accomplished," the magazine noted. "Remember their names, and lend them your ears."

The following Queen's community members were included:

- · Chancellor Murray Sinclair, LLD'19 (No. 30: shared with his son, Niigaan Sinclair)
- · Bank of Canada governor Tiff Macklem, Artsci'83 (No. 3)
- · Defence Minister Anita Anand. Artsci'89 (No. 5)
- · PMO Director of Policy John Brodhead, Artsci'00 (No. 8)
- · Communications specialist and adviser Scott Reid, Artsci'92 (No. 26)
- · Gov. Gen. Mary Simon, LLD'04 (No. 29)
- · Giller Prize winner and Queen's Department of English 2022 Winter Writer in Residence Omar El Akkad, Comp'04 (No. 43)

The Awards

Ban Righ Foundation honours mature women students

On March 8, the Ban Righ Foundation celebrated 13 students for their achievements and determination. Each year, the Ban Righ Centre hosts a Spring Awards ceremony as a chance for students and their families and friends, faculty, staff, and Ban Righ Foundation donors to gather at the end of term. The awards celebrate the achievements and determination of mature Queen's students who identify as women. This year, the

with the Ban Righ Foundation Inspiring Women awards in a combined Facebook premiere video event. Mature women students from all disciplines are eligible to apply for these annual awards.

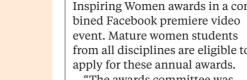
"The awards committee was pleased to receive applications from students across many faculties and from such varied backgrounds, many of whom had not been familiar with the Ban Righ Centre previously. This was a great opportunity to introduce new students to our supports and services," says Lisa Webb, student adviser and program planner for the Ban Righ Centre.

awards were held in conjunction

"I hope to serve not only children, but also their parents who wish to immigrate to Canada," says Ka Yan Hamorn Lau, who is pursuing a graduate diploma in immigration and citizenship law and is this year's recipient of the Marian Webb Award. "I started my journey at Queen's, in preparation for becoming a licensed immigration consultant. I am proud to call myself a lifelong learner."

The Mildred Blackadder/Zonta Club Bursary is awarded to a mature woman who is also an Indigenous student and this year was awarded to Candace Lloyd, who is pursuing a master's in Education.

"Tanashi, Sharing my traditional knowledge as a Métis woman is important and assisting others to incorporate Indigenous content in schools is how I am giving back to my community. As with any new venture, being an adult returning to school has brought its own stresses and challenges," she says. "This award provides me with the opportunity to continue my educational journey by reducing financial burdens."



MACLEAN'S

The

Power

Τi Macklem ECONOMY

05

Anita Anand POLITICS.



John Brodhead POLITICS

26

Scott Reid POLITICS



Mary Simon POLITICS



Murray Sinclair ACADEMIA



Omar El Akkad **ARTS**



(above)Candace Lloyd, awarded the Mildred Blackadder/ Zonta Club Bursary; (left) Ka Yan Hamorn Lau, recipient of the Marian Webb Award

Bring it down

Queen's research recreates landslides to save lives

BY TOM SPEARS

nstable hillsides can slide away fast, so Lisa Tauskela keeps pouring tons of soil down a massive flume to understand how. "We're doing large-scale testing," says the second-year master's student in civil engineering.

"We fill it [the soil] with water so it's nice and wet, and open the door of the flume, which is two storeys tall."

The wet mix whooshes down and spreads out on a flat area, "and we measure everything – how fast is it going, how far does it go, what shape is it in? And then more science-y stuff – what is the water pressure within it? How does this pressure develop? How does it go away?"

It all relates to British Columbia's landslides last summer. "We're basically recreating those landslides in the lab."

"Some [in B.C.] didn't go very far, and some went really far."

Differences in internal water pressure may be the reason, but those are hard to measure in the field. It's easier in the lab.

"Every single debris flow in B.C. was different," even where two were close together, says Ms. Tauskela.

"It's a relatively new field."

There's currently little understanding of what makes one landslide more dangerous than another. Queen's work could change that.

Ms. Tauskela's group ran 20 large tests, each involving four students hand-filling a container with tons of silt, sand, and gravel. Luckily, Ms. Tauskela does triathlons.

"We were shovelling 80 buckets, each 50 pounds. I didn't go to the gym for four months because I didn't need to." \(\psi\)





Through her work as a manager for one of Australia's major aid programs, Dr. Alison Baker, Sc'87, plays a role in helping more than three million people gain better access to drinking water and improved sanitation.



For many people, getting a glass of water is as easy as walking to the kitchen and turning on the tap. Alumna Dr. Alison Baker, Sc'87, wishes this were true for everybody in the world.

"It is hard to believe in this modern age that some people still have trouble accessing water or don't have sanitation facilities," says Dr. Baker, noting some people walk several hours a day to get clean drinking water.

As the fund manager for a major aid program called the Water for Women Fund, Dr. Baker is trying to change that.

Water for Women is a flagship aid program funded by the Australian government to improve health, gender equality, and well-being in surrounding Asian and Pacific countries via socially inclusive and sustainable water, sanitation, and hygiene projects.

Through Water for Women, Dr. Baker has played a leading role in supporting 20 projects in 15 countries (including India, Papua New Guinea, and Cambodia) run by international non-government organizations (NGOs), and another 13 projects delivered by research institutions. Her work contributes to helping more than three million people gain better access to drinking water and improved sanitation, and to changing hygiene behaviours.

Dr. Baker, who graduated from Queen's with a degree in chemical engineering, notes that women in many of the countries where she works have a lot of knowledge about water issues but, because of their gender-based traditional roles, they are usually tasked with getting water for their households. In many countries, woman remain excluded from decision-making processes about water, sanitation, and hygiene.

In February, Dr. Baker addressed the United Nations' virtual International Day of Women & Girls in Science Assembly. She discussed how women and girls can be change agents who are vital to the progress of the UN's Sustainable Development Goal No. 6: access to clean water and sanitation.

What message did you want to convey when you spoke at the UN's International Day of Women & Girls in Science Assembly?

There were a couple of key messages I wanted to get across. Water for Women has NGOs and research partners working with governments, local organizations, and communities and the message is you really need all those different voices and perspectives to find solutions to these global problems we are facing. Because the UN event was about women and girls in science, I also talked about the important role women play and how they experience things differently. It doesn't mean (the women's perspective) is the only view, but it is important their view is in the mix when making decisions. Men and women need to tackle global water and sanitation issues together.

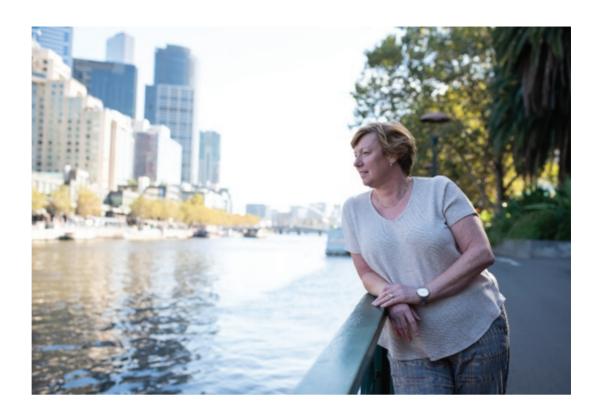
The UN assembly discussion focused on the UN's Sustainable Development Goal No. 6 (access to clean water and sanitation). What are you currently doing with Water for Women to help ensure all people have access to clean water?

The Sustainable Development Goals have really brought an emphasis to what we refer to as "leave no one behind." All our projects are doing a range of different things. Some people are working directly with communities and looking to see what their needs are with

14 SPRING 2022 Photograph by Jeff G ey







respect to water and sanitation. But, even more importantly,

project teams are working with different levels of government, the private sector, and communities to build and support the systems so the people in those countries can deliver it themselves.

Tell us about your career path. How do you go from a chemical engineering student in Kingston to being the fund manager of the Water for Women Fund in Australia?

After Queen's, I took a job with a chemical company on their sales team. I did that for a little while and found it wasn't very fulfilling. At the same time, I was starting to develop an interest in the environment. So, I made the decision to do some further study at McMaster University to get my master's and PhD degrees in wastewater treatment. As I worked on my academic and then professional career, I was also training as a competitive race walker. I competed internationally (including the Commonwealth Games in Auckland in 1990 and Victoria, B.C., in 1994, and World Athletic Championships in 1987 and 1993). Attending Queen's meant I could compete at two World University Games. I met my husband, who is from Australia, through race walking. I moved there after finishing my PhD and since that time have worked for GHD, an engineering and project management consulting company.

Water for Women focuses on gender equality and social inclusion to come up with solutions to problems related to water, sanitation, and hygiene. Why it is so important to include women in the decision-making process?

In many global cultures, women have traditional roles. They get water if it is not located on site and oversee its use in the household. It is seen as their responsibility. "People always laugh at me, but I always put everything into a process diagram. My chemical engineering degree taught me how to break down a problem."

It's important to use their knowledge because they are the ones who have a deep understanding of water-related issues and the changing climate, as they experience it every day. But it is also important we change these social and cultural approaches (or "norms") and create broader opportunities for women and marginalized groups to contribute to decisions that impact their lives. It's about everyone working together.

How does your chemical engineering education from Queen's apply to your career, and is there anything you learned as a student that you use in your current everyday work life?

People always laugh at me, but I always put everything into a process diagram. My chemical engineering degree taught me how to break down a problem.

In terms of the technical skills, my degree enables me to talk to engineers and understand the technical details when they explain a problem to me.

And I think the other important thing Queen's taught me is how to work in groups, work with a diverse set of people, and how to bring out the different skills and perspectives that each group member has.

- Interview by Michael Onesi



The aha moment

New Frontiers in Research Fund awards Dr. Cathleen Crudden \$24M to develop the ultimate weapon against metal degradation.

BY TOM SPEARS

tis a truth universally acknowledged that a metal exposed to the weather must be in want of a coating. Today's protective coatings stick to metal for a while, but the trick is in making the relationship last – and Dr. Cathleen Crudden is the matchmaker for the job.

Dr. Crudden, of the Department of Chemistry, has a vision for how to protect vital industrial metals, from towering bridges to tiny cellphone parts, and Canada's New Frontiers in Research Fund has awarded her \$24 million over six years to pursue it.

Every country in the world faces the inevitable loss of expensive infrastructure and machines through the slow death of metal, much of it steel – bridges, pipelines, vehicles, and more.

But Dr. Crudden thinks chemistry could slow these losses. What if Queen's can find a new weapon against rust and other metal degradation?

What if Queen's can prevent your future car from rusting? What if metal can last longer in pipelines, aerospace, and wind turbines in the ocean with salt spray all around?

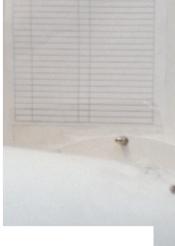
The wastefulness of degraded metal bothers Dr. Crudden. Think about how much energy we put into digging ore out of the ground and then smelting it and converting it into whatever we want. And then we expose machines to water, salt, and air "and eventually it all degrades, right?" she says.

Her quest is to improve the rust-resistant coatings on metal – spray-on coatings such as epoxy that work fine when they're fresh, but don't stick well enough to the metal they are supposed to protect.





Dr. Cathleen
Crudden's
vision is to
develop a
material that
forms a chemical
bond with the
metal, bonding
molecule-tomolecule with
the metal
surface instead
of just sticking
like glue.



She wants to "work with those coatings that are already really well designed, to help them work better."

Even with better coatings, "eventually the coating will fail. Everything fails. The question is: How much longer can we keep things in service by this chemistry?"

"None of these [existing coatings] are fundamentally designed to stick to the metal," she says.

Her plan: change the metal itself. "What we're trying to do is to make the surfaces of these metals more organic" – in other words, more like the carbon- and hydrogen-based materials in organic chemistry.

Dr. Crudden's vision is to develop a material that forms a chemical bond with the metal, bonding molecule-to-molecule with the metal surface instead of just sticking like paint or glue. This lets the epoxy coating grip better.

"We've developed a method to make these interactions [bonds] with metals very strong," she says.

Her new material "forms a carbon-to-metal bond that is unique. These are the same kind of bonds that are used to hold molecules together, so they are very strong."

People sometimes ask her what the "aha moment" was. That moment came about 10 years ago, in a seminar where someone mentioned a completely new offshoot of a research field where she was already working.

"And I thought, 'Oh my God, we should try this on a surface!'

"It was such a new area for me that I literally had to track down a colleague and say: How do I do this? Here's my idea, but I don't even know how I will be able to tell if I've been successful! We had to learn a whole new set of techniques."

This set her up with a new network of engineers, electrochemists, corrosion specialists, condensed matter physicists, and industrial partners. "And that's where it actually comes together.

"As a scientist you're always excited by what you do, but when industry players contact you and say: 'Hey, how about this? And could we do that?' and they are excited about what you're doing, that's amazing."

But there's a second use for her new approach: electronics. Your cellphone has tiny components, mostly made of copper, that need better protection against stress, largely heat that can make your phone short out. "The industry is looking for things that can protect these metals and new ways of manufacturing the devices." She's working on those.



And a third: medicine. Dr. Crudden works with the University Health Network (encompassing hospitals in Toronto as well as the University of Toronto) to investigate coatings for the tiny gold particles used in cancer treatment, in particular radiation therapy.

It works this way. One technique in radiation therapy involves binding gold nanoparticles – far too small to see – to a tumour. Once inside, researchers boost the power of radiation directed at the tumour without harming nearby healthy cells.

"The idea is going to be: Can we improve the efficacy of radiation therapy?

"We can use the coating to protect the nanoparticles that then attach to tumour cells... and then enhance the ability of the radiation to kill those cells."

This research holds new hope for people in remote communities who today have to move to a city for six or eight weeks of treatment, she says. "What happens if we Average GDP countries spend yearly on corrosion maintenance

\$66B Amount Canada spends annually across sectors

25%

Amount the new coatings could save industries governments, and taxpayers

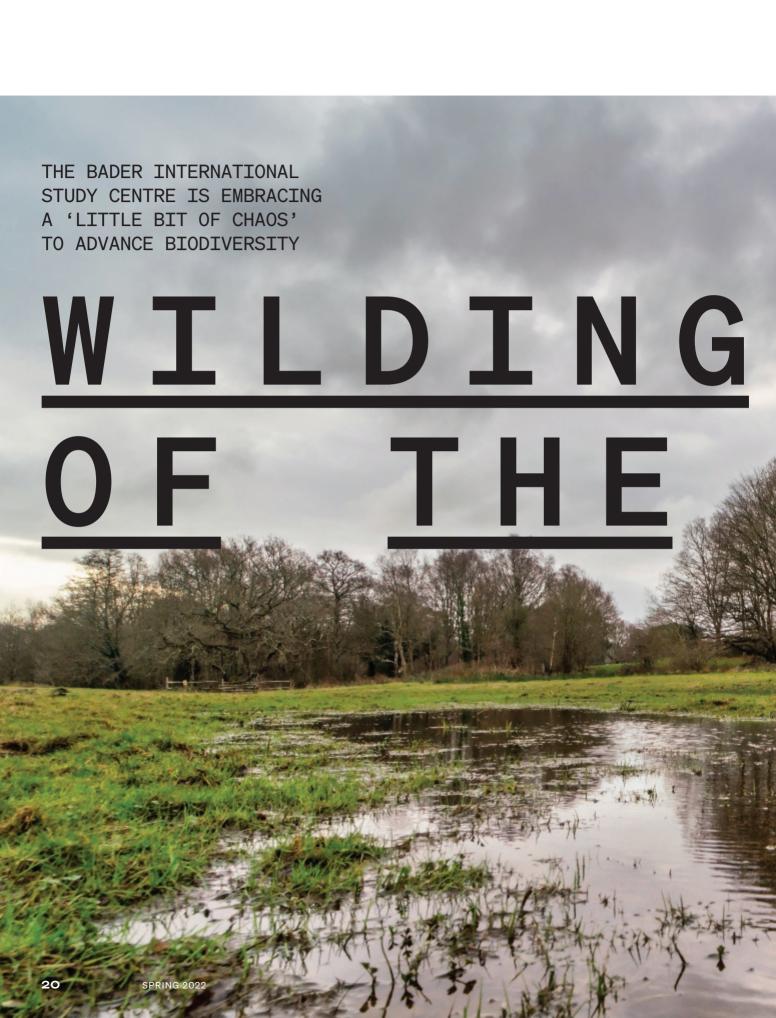
can make this more efficient and you only need a week? We don't know, but that's the goal: better outcomes and maybe shorter treatment times."

Dr. Crudden's work has to be hands-on in a lab, but luckily in pandemic times she has had one advantage. Her lab is designed to deal with hazardous chemicals, so the indoor air is constantly exchanged through vents and replaced with fresh air. This enables her to have staff and students actually in the lab.

"They don't have as much opportunity to socialize [but] they do see each other in the lab." Progress, she says, "often comes from lunchtime discussions."

Dr. Crudden holds a Canada Research Chair in Metal Organic Chemistry. She's grateful for the federal grant, but also to Queen's for giving her valuable time to explore ideas. "Queen's was super supportive just from Day 1. At every stage of the process, Queen's said, 'OK, what do you need?'"

Photograph by Jennifer Roberts QUEENSU.CA/ALUMNIREVIEW **19**



RE BY JORDAN WHITEHOUSE PHOTOGRAPHY BY ZOLTAN ATTILA KECSKES QUEENSU.CA/ALUMNIREVIEW

f vou've been to the Bader International Study Centre (BISC) recently, you might have noticed a little more messiness, a little more wildness, surrounding Herstmonceux Castle. There are still the finely trimmed lawns and sculpted hedges, neat rose bushes and colourful perennials, tidy paths through ancient forests and around Folly Pond. But look closer at the 600 acres here and you might also see fallen and rotting trees left to block streams in the wetlands, sussex cattle trudging through the woodlands, wildflowers spreading where they will in the meadows.

It's all on purpose, says Guy Lucas, the BISC's head of gardens and estate.

"We're encouraging scruffiness, really, encouraging a bit of chaos. By letting go of the reins and allowing natural processes to re-establish, this will bring with it disorder."

The reason for allowing disorder? Biodiversity.

This process of encouraging scruffiness, of purposefully stepping back and letting nature take care of itself, is called rewilding. It's a form of ecological restoration that can also include the reintroduction of species that have disappeared from an area. The goal is to nurture self-regulatory and self-sustaining ecosystems in order to create more biodiverse habitats.

The United Nations has listed rewilding as one key way to restore ecosystems and combat climate change. In fact, the rewilding efforts at the BISC were used to support Queen's submission to the 2021 *Times Higher Education* Impact Rankings, which assess universities against the UN's Sustainable Development Goals. Queen's placed first

in Canada and fifth in the world in those rankings.

One of the most well-known rewilding projects is happening about an hour's drive from the BISC at the Knepp Castle Estate. Chronicled in the bestselling book *Wilding*, the transformation of Knepp turned an ecologically starved 950-acre farm into an area of wildlife abundance.

Herstmonceux castle's rewilding efforts aren't just supporting a healthier ecosystem, however. They are also strengthening a growing science program. Rewilding is being integrated into the curriculum, students are volunteering to reverse biodiversity losses, and the number of scholars using the area as a living lab is on the rise.

ALTHOUGH THERE IS a rich variety of plants and animals at the BISC, that biodiversity is nowhere near what it was 400 years ago. The two main reasons behind that loss are the same in other parts of the country and the world: extinctions and invasive species.

At one time, animals such as pine martens, wolves, beavers, and lynx all thrived in this region. However, eventually, each one was hunted to extinction or disappeared due to loss of habitat. The introduction of non-native plants and animals like rhododendron and American mink coincided with those losses to disastrous effect. Soils were poisoned, diseases were spread, and native flora and fauna were wiped out.

ALTHOUGH THERE IS A RICH VARIETY

OF PLANTS AND ANIMALS AT THE BISC,

THAT BIODIVERSITY IS NOWHERE NEAR

WHAT IT WAS 400 YEARS AGO.





Guy Lucas isn't one to despair, though. The East Sussex native grew up in a household that fostered a love of nature, and his passion for the outdoors led him to a career with conservation at its heart. Often undertaking traditional estate management techniques during his six years at the castle, his new focus on rewilding has caught the interest of the wider community, including the BBC. In December, BBC Radio 4's hugely popular program Gardeners' Question Time visited to showcase the BISC's biodiversity and sustainability efforts.

Mr. Lucas's passion has translated to a number of rewilding strategies at the BISC. Last year, for instance, he and his small team introduced Sussex cattle to the property. Not unlike the now-extinct auroch that once grazed these lands, Sussex cattle are a hardy, placid species that have adapted to the often wet and cold winters common to this area, says

once grazed these lands, Sussicattle are a hardy, placid species that have adapted to the often wet and cold winters common to this area, says Mr. Lucas. "They're now on half of the estate, chomping through

Set in the heart of the English countryside, the Herstmonceux estate consists of 600 acres of rolling Sussex landscape. As well as being an international study centre, the castle's gardens and grounds attract visitors from around the U.K. and the world. Below is a bird's-eye view of the estate.

- 1. Herstmonceux Castle
- 2. Elizabethan Gardens
- 3. Long Borders
- 4. Rose Garden
- 5. Sculpture Walk
- 6. Shakespeare Garden
- 7. Lower Garden
- 8. Shady Garden
- 9. Apothecary Garden
 - 10. Nuttery
 - 11. Orchard

- 12. Peter's Garden
- 13. Aviarv
- 14. Magic Garden
- 15. Willow Warren
- 16. Wildflower Meadow
- 17. Chestnut Clearing
- 18. Folly Garden
- 19. Folly Pond
- 20. Red Lily Pond
- 21. Temple Fields
- 22. Waterfalls
- 23. Japanese Cedar Walk
- 24. Woodland Walk
 - 25. Play Area







bramble and bracken and pushing over trees, clearing areas for new trees to grow, removing that dominant vegetation so woodland flowers can establish."

Mr. Lucas is also hoping to bring in a small group of pigs for a few months every year to similarly assist with this regeneration. They will help control overly dominant vegetation and the damaging, non-native species that were planted in the Victorian era like rhododendron and cherry laurel, as well as expose dormant seed beds within the soil by turning over the ground using their snouts.

Meanwhile, the BISC's estate crew is doing some of that removal themselves as they wait for native plants like hazel, hawthorn, and English oak to return. They're also establishing and maintaining 20 acres of wildflower meadow on the estate using a four-acre species-rich plot as the primary seed source they affectionately call the "Mother Meadow." Those wildflowers feed bees, butterflies, invertebrates, and small mammals.

So far, many of these rewilding projects appear to be working, says Mr. Lucas. "We're starting to see these little clues that we're doing the right thing." They've seen plants like southern marsh orchids and whirl grass return, for example. They're also finding more hazel dormice, which are a protected species in the U.K., as well as the whiteletter hairstreak butterfly and yellow wagtail birds. "The changes in the floral diversity should lead to greater numbers of overall biodiversity, which we'll be able to confirm with future surveys."

Mr. Lucas is quick to point out, however, that his team is just getting started with rewilding. To really take it to the next level, they'll need the help of students, scholars, and researchers, he says. And they're already getting it.

DR. SIMON COPPARD had big ambitions for the science program at the BISC when he was hired as its science co-ordinator and biology lecturer in 2020.

"I wanted to move the science curriculum to be more skills-based, and to actually use the estate to build connections between the environment, species monitoring, and inquiry-based labs," he says. "We have such a diverse array of habitats here, and I wanted to give students an opportunity to contribute to the ecology and the environment that surrounds them, to give them a sense of stewardship and that they made a difference while they were here."

Together with Mr. Lucas, Dr. Coppard quickly realized the rewilding projects happening on the estate would be a great way for students to make that difference. So, he has tried to include students in those projects whenever possible and even incorporated nature-led conservation into the curriculum.

In his Biology 103 course, Organisms to Ecosystems, for example,

rewilding is front and centre. Early in the course, students visit the Knepp Castle Estate to see how rewilding can be successful. When they return to the BISC, they complete biodiversity surveys in the meadows and the woodlands to understand what's growing and living there. Then, in small groups, students propose rewilding projects for the estate. One recent proposal suggested introducing pine martens, which could feed on the dominant non-native grey squirrels on the property. This, in turn, could possibly allow the reintroduction in the southeast of the country of red squirrels, which have been declining in the U.K. since their grey cousins arrived.

Dr. Coppard is keen to get all students involved no matter what they are studying. "I think this generation cares more about the environment than any other, but often they're at

√ Guy Lucas, left, the BISC's head of gardens and estate, and Simon Coppard. science co-ordinator and biology lecturer at the BISC, realized there were opportunities for students to get involved in the rewilding project.

I THINK THIS GENERATION CARES MORE
ABOUT THE ENVIRONMENT THAN ANY OTHER,
BUT OFTEN THEY'RE AT A LOSS TO KNOW
WHAT TO DO AND HOW THEY CAN MAKE A
DIFFERENCE. - Dr. Simon Coppard













a loss to know what to do and how they can make a difference," he says.

One option is to join the volunteer group he and Mr. Lucas launched called Ecology and Land Stewardship. It's been playing an important role in the BISC's rewilding efforts. One project had students monitoring dormice to see where they're living, for example. Another had students removing invasive plants from a wetland area to allow native ones to take over.

Dr. Coppard is also an avid beekeeper and is eager for students to help monitor the bees on the estate, learn about the stresses they are under, and perhaps even reintroduce native short-haired bumblebees to the area.

But it's not just BISC students who are helping rewild the property. Dr.

Coppard is encouraging researchers and scholars from other universities to get involved. For example, he is a co-investigator on a project called Environments of Change led by Professor Steven Bednarski from the University of Waterloo. This transdisciplinary project is exploring how the environment in Sussex has been altered since the Middle Ages. The findings could inform how the BISC and surrounding areas use rewilding to cope with climate change.

"My aim for all of this is that I really want to encourage academics and colleagues from Queen's and other universities to come here," says Dr. Coppard. "We want to build a vibrant teaching community, but also a vibrant research community. [The more we] can increase our collaborative efforts to get people from

different disciplines involved, the more we'll be able to achieve here."

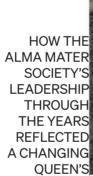
Mr. Lucas is looking forward to building those collaborations, too. The more specialists and students who get involved, the more likely his vision of a rewilded, ecologically thriving BISC comes true, he says. "In my mind's eye, five or 10 years from now, I see a landscape with more trees, more wetlands, lots of flooded areas, and trails that people can use to experience it all. I see a small group of wild pigs, a permanent herd of cattle moving through the whole estate."

He also hopes more species naturally arrive, like pine martens, and that he and his team can introduce others, such as beavers, in a big way.

"With any luck, there will be a lot of chaos," he says. ₩

↑ Evidence of rewilding can be found in all corners of the estate as overgrowth and decay mingle with mosses and new shoots. The United Nations has cited rewilding as a key way to restore ecosystems and combat climate change.

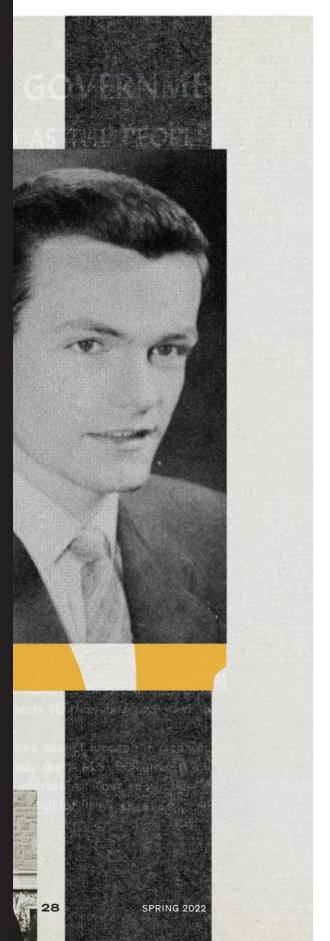
HALL

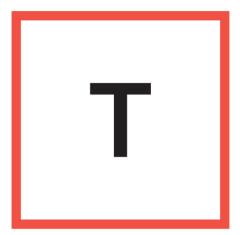


OF PRESIDENTS









There's a Kingston corporation that employs 800 people, has an annual budget in the neighbourhood of \$16 million, and gets a new CEO every year.

Queen's Alma Mater Society (AMS), the oldest student association in Canada, is unique among student governments in its almost complete reliance on undergrads to run its affairs, including in the role of president, who is elected annually.

Given that the society has been around since 1858, it adds up to one heckuva lot of former AMS presidents (152 at last count), many of them still knocking about in post-Queen's pursuits: the president and CEO of CARE Canada, for example, or the retired hospital chaplain. And let's not forget the beekeeper who fronts a popular Japanese pop band.

Early last year, Stewart Goodings (Arts'62) and Jane Matthews Glenn (Arts'63, Law'66) – back-to-back AMS presidents in 1961–62 and 1962–63 – began to wonder about all the presidents who preceded and succeeded them. They wondered if they, like themselves, had been significantly impacted by their experience.

"When I thought back to my time at Queen's, everything started there," recalls Mr. Goodings.

Through much of the '90s, Mr. Goodings served on the university's board of trustees, and met with each of the AMS presidents during those years. "Every one of them was impressive – committed, exciting, dynamic – and it was a great thrill to think that these young people were kind of like I was, except better."

Mr. Goodings and Prof. Glenn began tracking down former AMS execs willing to share their experiences in

(previous page, clockwise)
Jennifer Li,
Ross McGregor,
Safiah Chowdhury, Stewart
Goodings, Jane
Matthews
Glenn.

 \leftarrow Professor Iain Gow.

student government. Sixteen other presidents agreed to respond to a survey about their tenures. The earliest is Prof. Iain Gow (Arts'55, MA'58), elected president in 1954, and the latest is Jennifer Li (Artsci'17) who served during the 2017–18 academic year.

Respondents were asked about their challenges, accomplishments, and relations with the university's administration during their terms. They were additionally asked whether the experience affected their lives after Queen's.

What Mr. Goodings and Prof. Glenn discovered was a lot of similar experiences and a lot more that had changed with the tenor of the times. If you look at year-books from the early '50s, Prof. Iain Gow notes in his response, "one sees that it was almost entirely a white class of graduates each year, mostly men, but with some excellent women students and leaders."

In 1951, says Prof. Gow, Queen's "was more like a village than anything else: there were no fraternities or sororities, no alcohol to be had on the campus, and no men's residence." Enrolment was just over 2,000, and the AMS Council met once a month. These days, the AMS serves almost 18,000 students; runs pubs, a coffee house, and the Tricolour Outlet, and funds entire student-led offices to deal with everything from academic and municipal affairs to social justice and human rights.

In the early '60s, says Mr. Goodings, being president "was hectic and interesting and memorable, but now-adays it means leading a medium-sized business, with scores of employees, significant programs, and extensive involvement with the administration on a range of student issues."

Some of those issues haven't changed much through the years. Relations between the student body and the larger Kingston community – town and gown issues – have had remarkably similar flash-

have had remarkably sim points, the survey shows.

In September 1953, writes Prof. Gow, a "freshman riot" prompted the AMS to adopt a policy of assessing damages from such melees to the organizing body (in this case the arts and engineering faculties), rather than the student body as a whole. In the 1959-60 academic year, Bruce Alexander remembers accompanying longtime university chaplain Marshall Laverty to the police station to negotiate the release of a freshman who had "commandeered an OPP cruiser and driven it around town before abandoning it in a field beside Morris Hall, with its siren and emergency lights on."

During Stewart Goodings' tenure (1961–62), the AMS had to negotiate with CN Rail after students damaged railway cars taking them to a Gaels–

Varsity Blues football game in Toronto. Rev. John Lougheed (AMS president 1984–85) says he had to negotiate with the vice-principal, mayor, and chief of police after a record-setting street party attracted more than 1,000 raucous students, some of whom might have faced eviction without the AMS's intervention.

When Prof. Jane Matthews Glenn became president in 1962, she was only the fourth woman to hold the post, according to Mr. Goodings' research. The first was Dorothy Wardle, chosen in 1941, two years into the Second World War. There have been just 12 more women presidents since Prof. Glenn's tenure.

Prof. Glenn credits her time in student government with broadening her horizons. It led to her participation in a summer seminar in Pakistan sponsored by World University Service of Canada. The opportunity required participants to return to their university in the year following the seminar. Prof. Glenn enrolled in the Faculty of Law, thinking she would stay for a year and then find work as a legal secretary. Turns out she liked the law. Called to the bar in B.C., she earned a doctorate from the Université de Strasbourg and spent her career teaching law at McGill University.

Though women had played senior roles in the AMS by the time of Prof. Glenn's tenure, there were still gender-based divisions on campus. The first liberalization of gender divisions at campus residences, for instance, didn't come until the 1969–70 presidency of Ross McGregor (Arts'70). The looser rules meant longer visiting hours and eventually open visitation at segregated residences, McGregor writes.

In the late '80s, women's issues on campus took on a darker colour. Prof. Emily Moore (Sci'92) was an "enthusiastic student organizer" with the Queen's Engineering

Jane Matthews Glenn and Stewart Goodings today.



I LITERALLY BECAME A FEMINIST ON DEC. 14, 1989," RECALLS PROF. [EMILY] MOORE [SC'92]. "WHEN I WAS APPROACHED TO RUN FOR [AMS] PRESIDENT THAT SPRING, MY NEWFOUND FEMINISM GOT ME TO MAKE THE COMMITMENT.

Society in the fall of 1989, when a group of male students responded to an AMS "No Means No" campaign with misogynist slogans plastered on residence windows. Weeks later, the Montreal Massacre happened.

"I literally became a feminist on Dec. 14, 1989," recalls Prof. Moore. "When I was approached to run for [AMS] president that spring, my newfound feminism got me to make the commitment."

Debate over response to the "No Means No" incident dominated the campaign, she recalls. During her term, the AMS was forced to defend its non-academic discipline system from a lawyer hired by the parents of the offending students.

Prof. Moore notes that in her year, the AMS made a conscious effort to hire students of colour in its senior salaried positions. A few years later, in the 1994–95 academic year, Queen's students elected their first minority woman as AMS president: Taslim Pirmohamed Tagore (Artsci'95). Her experience suggests the campus still had a ways to go in accepting diversity.

"I... experienced a lot of pushback, racism, misogyny, and challenge to my leadership (in big and small ways) simply because I didn't fit the AMS presidential mould," Ms. Tagore writes in her survey response. "As you may know, Queen's was a culture of assimilation. We all joined in to sing the Oil Thigh, to attend football games, homecoming. [There were] purple engineers, and a school culture that was very white and European," she recalls.

"So much of what really mattered and defined me had to go 'underground' at Queen's so that I could behave as the majority white student population did," Ms. Tagore recalls.

Similar doubts about the university's diversity almost convinced the AMS's

Chuck Edwards, Hugh Christie, Emily Moore, Jane Matthews Glenn, and Stewart Goodings. first Black president, Gregory Frankson (Artsci'97, Ed'99), not to run for the 1996–97 term. He had been asked to run on a ticket with Annette Paul (Artsci'98, MPA'16) as VP of University Affairs, "but I didn't think it made much sense for two people of colour to run for AMS executive on the same ticket. I feared that 1990sera Queen's wasn't ready to vote for it." History proved him wrong.

Mr. Frankson also chaired the Robert Sutherland Task Force, which recommended the commemoration of Canada's (and Queen's) first Black university graduate. Sutherland matriculated in the early 1850s, practised law, and left his entire estate to his alma mater, the largest bequest Queen's had ever received. "It led to two of the proudest days of my life," writes Mr. Frankson, "the official unveiling of the Robert Sutherland Room in the JDUC in 1998, and the ceremony to rededicate the Policy Studies Building as Robert Sutherland Hall in October 2009."



Despite such advances, racism was still an issue for the AMS's 2010–11 president, Safiah Chowdhury (Artsci'11). As a visibly Muslim student, she had felt the sting of prejudice and decided to run, in part, because of it. "My year in the AMS was the most difficult year of my life thus far," she recalls.

"I was personally targeted weekly, from letters to the editor attacking my intellect to anonymous violent and misogynistic text messages to my cellphone. As a 21-year-old, it was a lot to deal with."

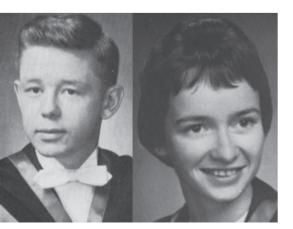
Ms. Chowdhury says her interaction with Queen's administration was much more civil. "We worked well together in transferring power from the administration to the student government for the Student Life Centre," she writes. "I also found them to be more amenable to anti-racism and equity measures."

In general, the respondents reported cordial and even genial relations with the administration. Hugh Christie (Artsci'78, Law'81), AMS president for 1977–78, recalls regular poker games with the VP of Finance. Tyler Turnbull (Artsci'06) writes of becoming close with Board of Trustees chair John Rae during his 2004–05 term and being influenced by Mr. Rae to enter into what has become a very successful career in advertising.

Maynard Plant (Artsci'98) remembers starting his 1997–98 term as part of a group that occupied the principal's office to protest tuition increases. "But in time," he writes, "we developed a great working partnership."

Mr. Chuck Edwards (Arts'65, MSc'69), however, recalls a different experience during his abbreviated AMS term in 1968. "I found the administration's attitude to the AMS paternalistic," he writes. "This was the late 1960s when the world was changing rapidly and the Queen's administration was resistant to any change."

Mr. Edwards was the first AMS president in Queen's modern history to be directly elected by the student body. Previously, the president had been chosen by AMS representatives from each faculty. The change



<u>AMS AT</u> A GLANCE

The Alma Mater Society (AMS) is the oldest student association in Canada and represents undergraduate and full-time MBA students.

Originally a debating society, it split off to form an independent organization in 1858.

Students become a member upon paying a mandatory student activity fee along with their tuition.

Its goals are to enhance both the academic and extracurricular experience of its members while fostering connections with the surrounding community.

Today, the AMS operates two campus bars, a travel agency, the P&CC printing centre, the Oueen's Journal, CFRC, Queen's TV, the Common Ground Coffeehouse, the Student Constable system, the Walkhome Service, and several hundred student clubs and associations.

It also sponsors or co-sponsors many campus events, including Orientation Week. was opposed by Mr. Edwards' AMS predecessor, George Carson (MD'68), who felt direct election would favour candidates from the larger faculties.

Mr. Edwards, however, writes that "choosing the AMS president in a secret conclave" was an example of how "the AMS was disconnected from the student body."

According to Queen's historian Duncan McDowall (*Queen's University, 1691–2004: Testing Tradition*), Mr. Edwards and his running mate, Jan Lichty, reflected the emergence of student radicalism on campuses in the late '60s. They participated in a "tent-in" on the lawn of the principal's home to protest a crisis in student housing and pushed the AMS to support striking workers in the Kingston community and provide buses to out-oftown Vietnam war protests. Mr. Edwards' agenda got pushback from other members of the AMS.

"Cut off from the capacity to pursue the changes I thought necessary and had promised in my presidential campaign, I resigned," Mr. Edwards writes. This led to a second election and the shortened presidency of David Pakrul (BSc'69).

The following year, Ross McGregor pursued a less provocative course towards some of the same goals Mr. Edwards championed, including a student-owned residence, the first student pub, and the formal incorporation of the AMS.

Mr. McGregor writes that in this turbulent period from 1968 to 1970 "[Queen's] moved from an *in loco parentis* environment where the administration managed or influenced almost everything, including students and student [government]," to "an era of much stronger student engagement and self-determination."

Barbara Grantham (BAH'83) recalls her time as being "much tougher than I expected: to run and have responsibilities for a large student society, a corporation that employed full- and part-time staff, etc."

Christine Fisher (BSc'05), president during the 2003–04 year, says the job's notoriety made it even harder. "I was at the centre of a lot of public attention and had to face the negative scrutiny," writes Ms. Fisher. "The pressure and stress were hard for 21-year-old me – frankly, I think the job would be hard for the current 39-year-old me!"

Jennifer Li, president for the 2017–18 academic year, notes a sad facelessness that accompanies the office. "It meant people forgot that when they make critical Facebook statuses and comments, there was a human behind the screen reading it all and taking the hits."

Despite this, the experience was invaluable, Ms. Li writes, a sentiment echoed by many other respondents. "My year as AMS president laid a strong foundation for skills that I use every day at work – leadership, written and oral communication, strategic planning, stakeholder management, community organization, and project management."

"It sounds crazy to say this," Ms. Li writes, "but being AMS president was a once-in-a-lifetime experience that I do not take for granted. It shaped a big part of who I am and what I chose to do after Queen's."

OPERATION REMOTE IMMUNITY



CARLY WEEKS

PHOTOGRAPHY COURTESY OF QUEEN'S HEALTH SCIENCES QUEEN'S HEALTH
SCIENCES IS USING
INTERDISCIPLINARY
COLLABORATION
TO BUILD BETTER
HEALTH-CARE
WORKERS BY

ENSURING
STUDENTS
UNDERSTAND
EACH OTHER'S
ROLES AND
HOW TO WORK
TOGETHER
BEFORE THEY
ENTER THE
WORKFORCE.





(far left) Mishkeegogamang
First Nation Community
Centre; (from L-R):
Cara McQuaid, Nathaniel
Gumapac, Cathie Moran,
and David Taylor were
part of the team that
flew into northern
communities.

AS A PHYSICIAN AND ASSOCIATE PROFESSOR OF MEDICINE,

Dr. David Taylor is accustomed to giving lessons. But on a recent trip to Bearskin Lake First Nation with a group from Queen's to help administer COVID-19 vaccines, Dr. Taylor was the student, watching and learning from a pediatrics resident giving a vaccine to a screaming child.

Dr. Taylor says that on those trips to fly-in Northern Ontario communities, organized by Indigenous Services Canada as part of its Operation Remote Immunity program, there were no hierarchies between faculty physicians, medical and nursing students, and residents.

"It really didn't matter what your credentials were," Dr. Taylor says. "If you had the skill to deliver a vaccine, you did that. It didn't really matter if you were an associate professor or you were a fourth-year nursing student."

That sense of camaraderie and teamwork didn't happen by accident. It's part of a bold new plan within Queen's Health Sciences to dramatically increase interdisciplinary collaboration to ensure students. regardless of their field of study, understand each oth-

er's roles and how to work together before they enter the workforce. By 2026, the goal is for 20 per cent of the health sciences curriculum to be interdisciplinary, which would make the university a leader in this area in Canada.

Practically speaking, an increased focus on interdisciplinary collaboration means students studying medicine, nursing, and rehabilitation therapy will find themselves sitting next to each other in class more often. And when there are opportunities for placements or field work, such as involvement in Operation Remote Immunity, more health sciences students will work together – a departure from longstanding practice.

Dr. Jane Philpott, Dean of Queen's Health Sciences, says this new mission isn't a tokenistic attempt to build bridges. It's a mission to break down traditional hierarchies in medicine, ensuring everyone understands the value and skill others bring. In many ways, Dr. Philpott says, the realities of COVID-19 have helped usher in this change by exposing vulnerabilities in the health-care system.

"The pandemic really set that in motion in a way that helped us to say, 'This is what we need to do, this is the potentially revolutionary breakthrough of how you could build a better health-care provider,'" says Dr. Philpott, who is also director of the School of Medicine. "It's really getting that message across from Day 1, that every part of the system has value and, as we've learned in the pandemic, we can't function without every part of the system."

Involvement in Operation Remote Immunity, which was launched in February 2021 by the Ontario government, cemented in Dr. Philpott's mind the importance of bringing health sciences students together as teams.

Under the program, which was taken over by Indigenous Services Canada in November 2021, Queen's students, medical residents,

↓A collaborative art project created by children on the main community garage in Mishkeegogamang, about 500 kilometres northwest of Thunder Bay.





and a faculty physician travel as a team to small, remote Indigenous communities in Northern Ontario to administer COVID-19 vaccines to adults and children. The groups stay in Thunder Bay, often for a week at a time, and fly out each morning to a different community, returning late in the evening only to do it all again the next day.

"We saw the power of what it could do with our students," Dr. Philpott says, recalling the stories she heard about students and residents having a chance to interact in an informal setting.

Sarah Running, who is in her final year of nursing school, says that before taking part in Operation Remote Immunity, she rarely spoke with doctors, even when doing placements at hospitals, and says that distance may lead some nurses to feel intimidated. But during her time up north, she had a chance to connect with a Queen's medical resident and a family physician, which gave her a fresh perspective.

"We had a lot of downtime, flying into the communities, just chatting informally with the doctors. It was really quite nice," Ms. Running says.

She was able to tell the resident and physician on her team what it's like to be in nursing right now, with shortages and other pressures building due to the pandemic.

Dr. Erna Snelgrove-Clarke, Vice-Dean (Health Sciences) and Director of the School of Nursing, says that when she began her career, nurses had to stand up when doctors entered the room. While times have changed and attitudes are shifting, the hope is that increasing opportunities for collaboration across disciplines will lead to better outcomes for patients – and the profession.

"We need to know more about each other in order to work together effectively," says Dr. Snelgrove-Clarke.

For Justine Fletcher, a first-year family medicine resident, participating in Operation Remote Immunity with a group from Queen's Health Sciences was a "life-changing" experience that enabled her to gain a new appreciation for the knowledge and experience brought by others on the team.

"We were all coming from different places, different areas of work, and bringing unique skill sets together to achieve common goals," she says. "You gain a new appreciation for what people in each area are doing and what they're bringing to the table."

Dr. Fletcher recalls how the faculty physician who was part of her team brought extensive clinical experience and knowledge from which the entire group could learn. But when he was struggling to input some information on an iPad, it was the younger team members who stepped in to help.

Dr. Fletcher, who is Indigenous and from the Hiawatha First Nation, a short drive from Peterborough, Ont., says the experience reinforced the importance of working with underserved communities. Later this year, she will be spending part of her residency in Sioux Lookout, a remote northern community with a large Indigenous population.

Kelsey Mongrain, a first-year resident who also participated in Operation Remote Immunity, says she's seen first-hand how a top-down medical culture that overemphasizes the role of doctors can damage the health-care team. Before medical school, she studied to become a dietitian in college and had the opportunity to work in a hospital, where she saw a clear hierarchy that damaged morale.

"Going into medicine with that kind of experience gave me a completely different view of interdisciplinary work and how





together brought the teams closer. Dean Jane Philpott hopes the initiative will break down misunderstandings and build respect.

every member can give a unique contribution," she says.

Now, as a resident, Dr. Mongrain says she sees major value in the push by Queen's Health Sciences to increase interdisciplinary collaboration.

Dr. Mongrain, who is part of the Kebaowek First Nation in Quebec, a small community with unreliable access to the health-care system, plans to practise rural family medicine. She says Operation Remote Immunity gave her a chance to see how other communities live and that it was a highlight to see how seniors, as well as children, continue to speak traditional Indigenous languages.

Dr. Philpott hopes that increased interdisciplinary collaboration will help build better health professionals.

"I think where it will change the most is in attitudes and aspirations," she says. "It will break down misunderstandings. It will build respect. I think it will also just give students the freedom to imagine the possibilities."



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OFF CAMPUS



First Up

Simon Huck

PUBLIC RELATIONS GURU TO THE HOTTEST STARS IN HOLLYWOOD

Simon Huck (Artsci'06) is the owner and president of Command Entertainment Group, a New York-headquartered public relations firm that orchestrates partnerships between some of the world's biggest brands and best-known celebrities.

My whole life, I've been a super fan of all things celebrity. I would watch red-carpet events like the Grammys and the Oscars and wonder what the managers and agents did - what this whole world was about. But I had no connection to the entertainment industry, and it all felt so otherworldly. What I did have was a subscription to US Weekly magazine, and while I was a student at Queen's, I read an article about a famous publicist named Lizzie Grubman. It was a nothing article, but I was fascinated. I googled her agency, and started calling them every single day. I told them that I would work for free. That I would get coffee. And that I was moving to New York City, which wasn't true.

Eventually, the agency agreed to meet with me, but when I showed up at the offices of Grubman/Cheban Public Relations, they didn't even remember speaking to me.

I'd never had a job before, but from the second that I set foot in there, I knew this was what I wanted to do with my life. Lizzie was doing an MTV show called *Power Girls* at the time, and a camera crew filmed my interview. I thought I had \rightarrow

→ 'made it' just to be there. They let me be an unpaid intern, two days a week. And I called my parents to tell them I got a job. But that wasn't true either.

On my first day, I showed up at 7 am – and skipped on the way because I was so excited. Within days, I was working red-carpet events, surrounded by some of the biggest celebrities in the world. It was so surreal. I was sleeping on my best friend's sofa, but I would have slept in a tent just to be there.

One of my first assignments was a party hosted by Sean Combs, a.k.a. Diddy. Every year, he hosted a White Party at his house in the Hamptons. It was a major social event, and the invitation said 'white on white on white, no excuse.' Someone had to turn away guests who weren't wearing white, and that someone was me. A team of us hid out by the gate, and told celebrities they couldn't wear their red shoes or tan pants. I had to be assertive, but I also could not alienate them. These are skills I still use every day.

Eventually, Lizzie's agency hired me, and later, I launched my own firm – the Command Entertainment Group. But I learned assertiveness from my early mentors and how to have confidence, even when you are not sure of yourself. With time, you do become more confident, but that took a decade for me. I felt like an imposter at first, but at a certain point, I learned that everyone in this industry is – in the best possible way – kind of faking it a little bit.

At Command, I negotiate celebrity branding deals - we do everything from TV and print campaigns to social media influencer partnerships. I use assertiveness in every area of negotiation, but the relationships are extremely important, too. If you develop a great relationship, clients in our industry stay with you for life. Negotiations are like a marriage, and it can be a stressful one. It isn't like negotiating for a car or a home. This is a person, and each person is different. They're going to feel comfortable with certain things and not comfortable with others. - As told to Ty Burke

THE BACKSTORY



Elamin Abdelmahmoud, Artsci'11

The secret life of Stan

As a Sudanese immigrant in Kingston, Elamin Abdelmahmoud grappled with identity

If you were a frosh in 2005, you may remember meeting a big guy with an affable smile who introduced himself as Stan. Stan, it turns out, is Elamin Abdelmahmoud, Artsci'11, the same Elamin Abdelmahmoud who writes for *BuzzFeed News* and hosts several CBC radio shows and podcasts.

"Stan was a nickname from high school," he explains. "When I came to Queen's, that's what I called myself. It was my secret identity." Indeed, it was an identity he kept secret from his parents, whom he was living with at the time.

The act of deception was harmless; there were no victims and Mr. Abdelmahmoud would eventually stop introducing himself as Stan. Still, it was symptomatic of his desire to blend in, to appear whiter in a very white city.

Mr. Abdelmahmoud came to Canada from Sudan at age 12. He spent his teenage years as one of three People of Colour in a suburban Kingston high school, learning a new language and searching for common ground – from wrestling to nu metal music to the show *The O.C.* – that would enable

connections with his classmates and, in the process, enable him to find his own identity.

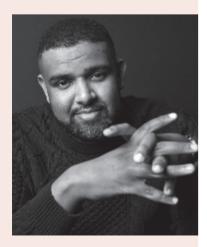
Identity is the theme of *Son of Elsewhere*, Mr. Abdelmahmoud's newly released memoir. Through a collection of essays, it tells the story of how Elamin became Stan and then Elamin again. He explores his identity – his attempts to deny it, his attempts to change it, and, eventually, his attempts to unpack it and accept it. "I came to the realization that suppressing parts of my identity is not a healthy way to live," he says. "The book is about revisiting those identities."

Part of that revisitation involved coming to terms with the life he had left behind. Being a Sudanese immigrant in Kingston pushed cultural differences to the forefront and added urgency to the quest for belonging. At the same time, no longer living in Sudan created distance from the close connections that defined the first 12 years of his life. He is neither fully Canadian nor fully Sudanese. He is a son of elsewhere.

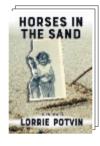
Ultimately, the book is about the complexity of belonging, especially for racialized people. For Mr. Abdelmahmoud, part of that complexity included sorting out his feelings about Stan. "It's hard to think back on that time," he says, "but it was a good exercise. It allowed me to develop some self-compassion."

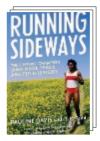
Son of Elsewhere: A Memoir in Pieces is available this spring from McClelland & Stewart Limited.

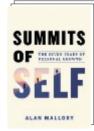
- By Deborah Melman-Clement

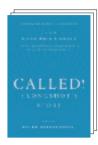


New content from faculty and alumni











After publishing her memoir in 2009, Lorrie Potvin, Ed'03, realized her story wasn't quite finished Horses in the Sand, her second memoir, is coming this spring from Inanna Publications With this short story collection. Potvin details the milestone events in her life and the ways they impacted her evolving identity: coming out to her family, meeting her birth father and his family, and discovering her Métis ancestry and the community and sense of belonging that came with it.



Bahamian track star Pauline Davis is probably best known as the winner of the Caribbean's first individual Olympic gold medal in sprinting - a medal she received in 2009, nine years after running the race. Writing under the pseudonym T.R. Todd, Jeff Todd, Artsci'04, tells the story of Davis's rise from poverty to Olympic glory, and the doping scandal that resulted in her unlikely gold medal. Running Sideways: The Olympic Champion who Made Track and Field History was released by Rowman & Littlefield in February.



A year after araduatina from Queen's Engineering, Alan Mallory, Sc'07, and three of his family members made history when they became the first family to scale Mount Everest together. Mallory, who now works as a speaker and performance coach, uses this and other mountain-climbing adventures as a metaphor for self-discovery in Summits of Self: The Seven Peaks of Personal Growth. The book weaves stories of Mallory's exploits with practical strategies for understanding motivation, improving mental health. finding balance. and living with purpose.



How does a

cvnical, addicted university dropout find faith, purpose, and a fulfilling career as a United Church of Canada minister? Rev. Dr. Gordon Postill, Arts'71, tells the story of his unlikely transformation in Called! A Longshot's Story, his deeply personal memoir, self-published through FriesenPress in late 2021. While his story is candid and revealing, he says he is sharing it "to convey some hope and compassion to those readers who are desperately longing for a second chance."





BUILDING

The original two-storey brick home, built in 1862, was greatly enlarged and renovated after 1905.

STYLE

Colonial Revival, distinguished by a tall portico with giant order lonic columns and a rambling verandah.

Memories of Macklem House

BY TONY ATHERTON

The house at 18 Barrie St. is a Queen's landmark, a pre-Confederation home with antebellum romance in its distinctive façade. Home to generations of a prominent Kingston family and lovingly restored after being deeded to the university in 1994, 18 Barrie is now home to offices of the dean of Queen's Health Sciences.

The house enjoys exclusive views of City Park, Macdonald Park, and the St. Lawrence River. It was where Canadian Medical Hall of Fame physician Peter Macklem (BA'53) grew up and where current Bank of Canada governor Tiff Macklem (Artsci'83) visited his grandmother as a child.

But for Ian Szlazak (Artsci'74) in the early '70s, 18 Barrie was the student digs he shared with two older ladies, a grand home with a faded elegance just a quick stroll to class.

Mr. Szlazak had come to Queen's from Saskatchewan in 1970 and spent his first year in residence at the recently built Gordon-Brockington House. Second-year students, however, were strongly encouraged to move out. For most undergrads, that meant finding a house within the University District with lots of friends, relatively few rodents, a modicum of insulation, and a living room big enough to host a decent get-together. Not so Mr. Szlazak.

"I'm still maybe not the most extroverted person in the world," says Mr. Szlazak. "I was kind of a serious student and didn't have any close friends that I was going to board with."

He doesn't remember how he heard of the room at 18 Barrie. But he does remember meeting with its septuagenarian owner and her elderly housekeeper before taking the room. "This lady was looking for [a boarder], but only for one," says Mr. Szlazak.

The "lady" was Katherine Bermingham Macklem, niece of Kingston locomotive tycoon Cornelius Bermingham and his wife, Sarah. "Uncle Con and Aunt Sally," as Mrs. Macklem called them, purchased the

1862 house in 1905 and renovated it, adding the pediment and massive columns that distinguish it today. The house passed to Mrs. Macklem in 1937. By then, she had been married for 10 years to Oliver Tiffany Macklem (Tiff to his friends), a professor at the Royal Military College of Canada.

After Tiff"s death in 1959, Mrs. Macklem rented some of the home's rooms to students, according to the *Queen's Encyclopedia*. By then her son, Peter, had become a doctor and her boarders were almost exclusively medical students. Mr. Szlazak, an arts student, was apparently a latter-day anomaly.

Mr. Szlazak would later become a labour and employment lawyer and enjoy a successful career as a mediator and adjudicator. But in September 1971, he was a teenager moving into a high-ceilinged front room on the second floor of an imposing home. He remembers 18 Barrie as "a grand old house," and his bedroom was no exception: it had a four-poster bed, a bureau, a night table, and a massive antique desk, "one of those deep desks that you sort of insert yourself into." It also had a private bathroom.

"It was far nicer, palatial almost, compared with what some of the [other undergrads] were living in," Mr. Szlazak says.

His elderly roommates precluded the usual student shenanigans, which suited Mr. Szlazak just fine. "It made it a pretty tame place to live. I wasn't having 'chicks' in or partying. But I wasn't that kind of guy at that point."

One of his enduring memories of 18 Barrie is of entering its grand panelled foyer after a night at Douglas Library or the student pub "to be greeted by Mrs. Macklem, parked in her living room chair in front of the television news, sipping her Dewar's."

Mr. Szlazak didn't know much about the home's history before reading a profile of his former landlady's grandson, Bank of Canada governor Tiff Macklem, in the Spring 2021 edition of the *Queen's Alumni Review*. The article also revealed his old lodgings' repurposing by the university. It tickles him to think that the dean of Queen's Health Sciences, former federal Minister of Health Dr. Jane Philpott, now does business just down the corridor from where he crammed for exams.

"It wasn't a hip place to live" at the time, says Mr. Szlazak. But its history makes for a good story now. \textstyle "

Tell us about the University District
house you lived in and the memories you
made: review@queensu.ca

Shaping the future of Queen's

Looking back with pride, and forward with optimism

as QUAA President. My vision for the Alumni Association over the next two years is to move forward as an expansive network, strengthened by lessons learned throughout the pandemic. As connectors of the global Queen's community, the QUAA Board of Directors will continue leading a group of motivated volunteers to live out the mission of the QUAA: "To reach out and foster a lifelong association with Queen's, to engage our members in the life and work of the university, and to serve the alumni community in all its diversity."

I'm grateful for the experiences I've had, most recently as Executive Vice-President of Operations, volunteering alongside my fellow Board members, as well as members of the Alumni Assembly and the groups they represent – branches, chapters, reunions, giving societies and governance bodies at Queen's. I'm also grateful for the incredible leadership of my predecessor, Rico Garcia, Artsci'13. Rico led the QUAA with flexibility and resilience during a particularly challenging time. As a community, we have made some great strides in recent years, and it wouldn't be possible without the committed members of the Alumni Association.

One of the most impactful shifts within the Queen's alumni community has been toward virtual programming. From the widely attended virtual Homecomings to the QUAA Board's reimagined Alumni Volunteer Series, we've redefined alumni engagement and removed countless barriers in the process. While there is still work to be done, we've taken great pride in bringing many of those commitments to fruition. Perhaps lesser known, albeit equally important, are the improvements the QUAA has made to its own governance – building on the groundwork of past presidents and directors to promote transparency and inclusivity in all that we do.

Moving forward, things can't return to what they once were, pre-pandemic. Nor should they. As a community, we've engaged in extensive dialogue around individual identity and experience at Queen's. These discussions have highlighted the need for affinity-based groups, such as the Queen's Black Alumni Chapter and the Queen's Queer Alumni Chapter, and the value in continuing to create space for their development. Hybrid events and initiatives will continue to play a key role, as alumni actively support the advancement of the strategic goals of the university. Through volunteerism and philanthropy, we are collectively shaping the future of Queen's and its global impact.

Sincerely, COLIN MCLEOD, INCOMING PRESIDENT, QUAA

On track

IndyCar driver Dalton Kellett uses his engineering background to give back

BY JEFF PAPPONE

aving his feet in two different worlds defines Dalton Kellett, Sc'15, whether he's the IndyCar driver screaming around the famed Indianapolis Motor Speedway at 385 kilometres per hour or the engineer inspiring schoolchildren to go into STEM programs.

For Mr. Kellett, it's about balancing his Queen's engineering foundation with his driving experience and finding ways to get the most out of both in different situations.

"People will ask me, 'How does the engineering stuff sort of help your career?' and it's kind of gone both ways," Mr. Kellett says.

"When I was in school, I think I was really trying to be super technical about everything, but as I got older and matured, I was able to better identify where the engineering mindset is helpful and then where I have to be a driver, and it just took me time to kind of figure that out, but it's part of the process."

By the time Mr. Kellett enrolled at Queen's, he already had several years of racing under his belt and hoped to pursue his studies without knocking his burgeoning driving career off track. While he found his professors open to his desire to keep one foot on the gas and the other in class, they made the priority clear: academics come first.

Luckily, those two worlds collided perfectly in the university's Formula SAE program, where students design and build a race car and then compete against other schools from around the world.



Mr. Kellett driving in the Grand Prix of Portland at the Portland International Speedway, Sept. 11, 2021. "Obviously, what you learn in class is critical, but having a practical application where you can use those lessons right away is a great way to reinforce what you're learning – at least for how my mind works," Mr. Kellett says.

"I was into math and physics, but I just had never really considered computer programming. But once I realized what we could do with it as far as some analysis on the Formula SAE car, it piqued my interest and then it was almost a way of inspiring me to do better in my academic classes by seeing a practical application."

As an IndyCar driver, Mr. Kellett



The 28-vear-old from Stouffville. Ont., embarked on his second full season with A.J. Foyt Racing in February. Although all teams use the same specification car, the rules allow development in certain areas, which can put smaller-budget teams like A. J. Foyt Racing at a disadvantage. That's why Mr. Kellett's spot on the starting grid for May's Indianapolis 500 remains far from guaranteed, because more cars than the 33 available spots usually show up to qualify. Although Mr. Kellett made it into the "Greatest Spectacle in Racing" in his two previous qualifving attempts, one of his teammates missed the cut last year. In his two starts in the 200-lap race, he finished 31st in 2020 due an accident and then 23rd last year.

you to kind of help out a bit and you have to choose a cause and, for me, that's STEM and education and I think we could all benefit a little bit from that," Mr. Kellett says.

"I've really enjoyed the opportunity to use my platform to hopefully inspire kids to go into STEM and give back a little bit," he says.

uses that role to inspire youngsters

in the U.S. to pursue math and sci-

ence through his work as a brand

ambassador for the InterNational

STEM League and the iNSL iRacing

"If you're a public figure, I believe

that you have some imperative to

use that which has been given to

Student Innovation Challenge.

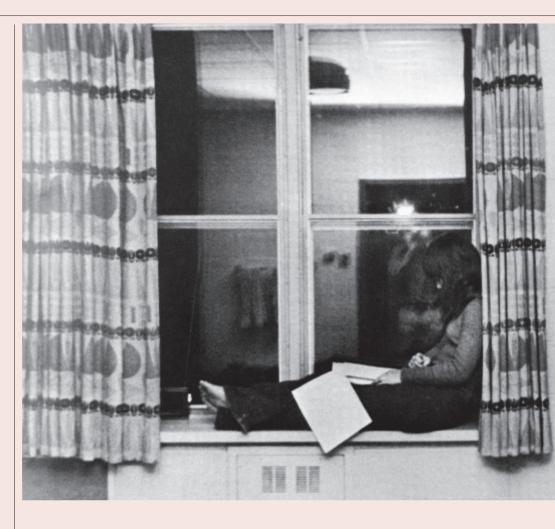
Mr. Kellett at the Texas Motor Speedway, March 9, 2022. Although his immediate focus is racing and using his engineering background to help get the most from his car, Mr. Kellett dreams that his degree will help him get both feet out of this world altogether.

"Realistically, once I'm done driving, I think I'd want a different challenge in a different industry and racing may be something I come back to later in life," he says.

"I'm passionate [about] and fascinated by aerospace and space travel, so if the Canadian Space Agency is ever hiring, I think maybe I'd throw an application in. With my racing and technical background, I think there's probably more crossover in those two fields of work than people realize. It would be a fun career path, but obviously a very small group of people get to do that."

QUEENSU.CA/ALUMNIREVIEW

CLASS NOTES



1940s



Donalda Campbell McGeachy

Arts'42 I am 102 years of age and living in a

seniors' residence in Toronto. I have found much of interest during the pandemic because of technology. I have wonderful lectures on operas, artists, history, and books. I have enjoyed the Metropolitan Opera on Netflix. I have enjoyed music on my Google phone. I have admired those who have worked on the front lines and filled the community needs at this time. I also have had the pleasure of playing bridge online during the pandemic, playing with a variety of bridge clubs and with bridge players around the world. Best wishes to all.

A 'sign of the times,' Queen's campus, 1973.



John Sneyd

Com'49 I have been retired for a number of years. I am a veteran and

attended Queen's after the war. I have many fond memories. The social activity was great. Queen's students were so wonderful. I remember some beautiful girls and great times. I wish I could relive some of these moments.

1950s



Bill Jenkins

Arts'54 In September 2020, I moved from Burnaby, B.C., to Kingston and

I am now living downtown. I've been actively writing, editing, and publishing books. I published Famous Writers, a report on 24



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



writers in South Africa whose work I have edited and published on Amazon. My wife, Claire, MEd, died in 2019 and I published A Tribute to Claire as a biography. Eight mystery adventure stories for middle school kids can be found under The Case of the Greedy Goat or Brockville Mysteries and Adventures on Amazon. My latest adventure stars me in my return to Kingston: The Case of the Intrepid Investigator. I published stories by Olive Caldwell Lee (Queen's) and others. My website is wjenkins.ca.

1960s

John Hill

Arts'69, MA'71, JD'73 Now retired from his prison law practice, John has authored numerous op-ed columns for *The Lawyer's Daily* on various aspects dealing with corrections. John also served on the Law faculty at Queen's as Director of the Correctional Law Project (now the Queen's Prison Clinic). John's book, *Pine Box Parole: The True Case of Terry Fitzsimmons and the Quest to End Solitary Confinement*, is scheduled for release on Sept. 1. *Pine Box Parole* is Book 9 in the Durvile True Cases Series.



Donna McNeely

Arts'67

As a follow-up to Donna's original photo submission in 2016, she is happy to report that her annual class reunion at Papineau Lake, Ont., has continued, except for the past two (2020 and 2021) due to COVID-19.

Donna and her class enjoy reading about other Queen's grads in the *Queen's Alumni Review*.

At our last reunion, in September 2018, we celebrated many anniversaries. All of these couples – the Baldocks, Fawcetts, Johnstons, McCays, McNeelys, Rathbuns and Zacours have celebrated more than – 50 years of marriage.



Douglas Bradley and Cornelia Wagner, 1971. Thanks to Queen's, we all met our roommates, spouses, and friends forever.

1970s

Douglas Bradley and Cornelia Wagner

Artsci'73 and Arts'75 Fifty years ago, in the fall of 1971, I was two years into the honours mathematics program at Oueen's and felt the need to take a course as far removed from math as I could. I signed up for drama under Russ Waller and in that class met Cornelia Wagner. On Oct. 13 she came over to my apartment where we chatted for four hours while listening to Fleetwood Mac – that turned out to be our first date. On graduation we married, and on Oct. 13, 2021 we celebrated going together for 50 years. COVID-19 limited our options, so in May-June 2022 we will celebrate on Naxos, our favourite Greek island. and then proceed to northern Italy to get lost (on purpose) in non-touristy towns and villages.



Ted and Ruth Vanderlaan (nee Omanique)

Artsci'79, MBA'81 and Artsci'74
Ted and Ruth are happy to
announce the engagement of
their daughter Anna Vanderlaan

(Artsci'12, MPH'15) to Luke Oribine (Sc'13). The two are eagerly looking forward to an August 2022 wedding in Burlington, Ont.

1980s



Annette Borger Artsci'87

Annette was recognized by Humber
College as a recipient

of the 2021 League Excellence Award. League for Innovation in the Community College is an international non-profit organization with a mission to cultivate innovation in the community college environment. It has been dedicated to informing, inspiring, and celebrating innovation in learning, teaching, staff development, and student success. This award specifically celebrates outstanding contributions and leadership.

James Houghton

Com'85

After 35 years in the packaging industry (specifically assembly and contract packaging) – 21 of those years as president at Nova Pack Ltd. – I have recently semi-retired and joined Plan Automation as an Associate Partner. I now have a bit more time to enjoy the mountain bike trails around Uxbridge, camping with my family and catching up with friends. I can be reached at james@planautomation.com or jbhougton1@gmail.com.



Carol Merriam

Artsci'85 and MA'87 Carol Merriam has been appointed to a second five-year term

as dean of the Faculty of Humanities at Brock University. Her husband, Anton Jansen (MA'88), is also teaching in the Classics Department at Brock.



Eric Schjerning

Artsci'82, Law'84 Eric just celebrated the one-year anniversary of Schjerning

Mediations Ltd. and was recently made a member of the Canadian Academy of Distinguished Neutrals. Eric is currently wrapping up work on the Third Edition of *Disability Insurance Law in Canada* for publication by Thomson Reuters in early 2023. Contact Eric and Patricia Guselle (Arts'86, MIR'92) at eric @schjerningmediations.com

Paul and Joyce Tait (nee Dekorte)

Artsci'83, Law'86 and Artsci'86
We are pleased to share that we are now a complete Queen's family, as our son Justin has graduated from Queen's Medical School (Meds'21) in a virtual ceremony. He joins his older sister Meghan (Law'16) as an alumnus of Queen's and we are very proud of their accomplishments! We would love to hear from friends in our 35th class year at Paul.K.Tait@ontario.ca.

Steven Trumper

Law'80

Steve Trumper recently retired as CEO of CreateTO, the City of Toronto's real estate agency. Steve has had a long and adventuresome career in law. He spent many years as a partner with Osler Hoskin & Harcourt in Toronto, and lived overseas in Hong Kong and Bermuda. Steve is enjoying this new phase of his career pursuing his passion for city building and finding solutions to our affordable housing crisis. He can be reached at trumpersteven@gmail.com.



Andre Rudnicky

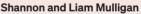
MBA'90

I retired from the City of Toronto a year ago, where I was an engineer

in transportation asset management for 20 years; prior to that I was at the Ministry of Transportation of Ontario for 10 years. After retiring, I moved to Montreal and am living in the neighbourhood I grew up in. These days, I'm mostly repairing and painting at the cottage and bought a new car. In general, I am doing that which was not possible when there was no time because I was working full time.

2000s





Artsci'09 and Artsci'09 Shannon and Liam Mulligan are pleased to announce the birth of their daughter, Harriet Bowie Mulligan. Harriet was born June 2020, but, hey, there was a pandemic and we forgot to send this in (sorry, Harriet).

Anjli Patel

Artsci'06

Anjli was called to the bar in 2012, and for the past 10 years she had helped independent designers navigate all areas of the law that impact their fashion businesses. While she loves the written word, she is excited to work in a new medium: the human body. In





April 2021, she and her business partner began working as personal style consultants, thus fulfilling a long-time dream to work on the front line of fashion.

Anjli would love to assist you with your wardrobe. You can email her at eighteenlayers@gmail.com, and follow her on Instagram @ anjlitoronto and @eighteenlayers.

2010s



Marin Beck and John Kraemer MA '14 & PhD '21 and MA'14 Marin and John welcomed Norah Helen Kraemer into the world on

July 7, 2021. Although she was born in Winnipeg, her parents are looking forward to their next road trip to Kingston to take her on her first campus tour.

Emma Edwards

GDB'19

After graduating, Emma immediately began a career in business development with IMRSV Data Labs with Queen's alumnus Bennett Brown (MIB'15). In January 2021, Emma joined Digital Opportunity Trust (DOT), as a stakeholder relations specialist. DOT is an international non-governmental organization based in Ottawa founded by Queen's alumna Janet Longmore. DOT works at the intersection of youth leadership, social entrepreneurship, innovation and digital transformation. It supports young women to develop and lead social impact in their communities. DOT's global network of youth has created opportunities for over one million community members across Africa, the Middle East, Latin America, and among the Indigenous in Canada. She says, "Being a Queen's alumni has truly opened doors due to the reputation Queen's and Queen's students hold within the business community."

Brianna and Kevin Guenther

Law'12 and Law'12

Brianna and Kevin and Bennett Guenther (future alumnus) welcomed Hadley Rose Guenther on March 12, 2021, born seven pounds, three ounces and 20 inches long. Bennett loves his baby sister so much he has declared he will marry her!

Julie-Anne Staehli

Artsci'16, MSC'20

I moved from Kingston to London to pursue intermediate-senior education, and graduated from the Western Bachelor of Education program this spring. During this time, I continued running track at the national level, and competed in the Tokyo 2020 Olympic Games, representing Team Canada in the



A Brianna and Kevin Guenther welcomed a future alumna in 2020.

5,000 metre. I finished 17th in my heat, which did not advance me to finals but proved that I can be among the best. I recently published my thesis, "Condition-Setting in Sport: A Case Study Approach to Explore Program Planning by Canadian University Coaches," in the International Sport Coaching Journal. I plan to put my career on hold until the Paris Olympics in 2024, and will be moving to Boston to train with the pro team under New Balance.



Julie-Anne Staehli represented Team Canada in the Tokyo 2020 Olympics.



2020s

Sean Creary

Con.Ed'20

Since graduating, I have become a teacher at I-Shou International School in Taiwan. I am a physics and science teacher. My students inspire me to try my best and to deliver engaging and differentiated lessons to them every day. I have had the opportunity to bring maker-learning into my classroom with tools like Scratch, MakevMakev, and Falstad simulation. To the current students at Queen's, I want you to know that, as a team, anything is possible. I could not have made it through the year without my fellow teachers helping and working with me. You will find your school and your team that will support your teaching and learning. Lastly, in class, try to think of yourself as a curator of learning and not a keeper of knowledge.



Lachlan McKinlay

Artsci'20

While it was extremely hard to find employment during the peak of the pandemic, I am pleased to mention I have been hired as one of the eight VFX editors at Framestore Montreal, whose work includes *Blade Runner 2049*, as well as Marvel and Disney movies. I will never forget the time I spent at Queen's – it was definitely one of the best moments of my life and I will never forget it.

IN MEMORIAM

EDITOR'S NOTE: Readers will see a new format for obituaries in this issue. These changes were done in an effort to make the process of submitting an obituary easier for families and to reduce publication delays. More obituaries will be included at a reduced length in our print issue while longer, more detailed versions of the same obituaries will be found on our website. Online obituaries are now shareable, searchable by name, class, and other features. Readers will also be able to submit obituaries online, making the process simpler and more efficient. You can find our new online obituary section at queensu.ca/alumnireview/contact.

Stuart Archibald

BASc'97

Stuart Archibald passed away on Feb. 27, 2022. He is survived by Janice (Marchand), father to Ian; stepfather of Ann and Greg Folker; his mother, Ruth Ann Harris; siblings, Jon, Wally (Laura Dawson) (Artsci'86) and Susan; nephew, Graham (Artsci'20); and longtime friends, Steven Fehr (Sc'84), John Keith (Law'91), and Joan Harcourt, Literary Editor, *Queen's Quarterly*.

Douglas F. Barbour

PhD'76

Douglas F. Barbour passed away on Sept. 25, 2021. He was 81. He is survived by his wife, Sharon; his nephews Greg Barbour (Monica, Anja, Kael) and Jay Barbour (Anne, Gerritt); his godchildren, Annie and Michael Beard (Sanja, Daniel, Lukas); and many friends and relatives.

Ruth Isabel Brown

BA'49

Ruth Isabel Brown passed away on Dec. 8, 2021. She was 105. She is survived by her nieces, Brenda Brochu, Esther Brown, and Beverley Brown; grandniece, Denise Brochu and grandnephew Vincent Brochu and their families. She was predeceased by her parents and brother Bob Brown.

Kathryn Anne Campbell (nee Birnie)

BCom'75, B.Ed.'01

Kathryn Anne Campbell passed away on Feb. 14, 2022. She was 70. She is survived by her husband, John David Campbell (Com'75); and her daughters, Alexandra Edie (Sc'06), Genevieve Couper (Comp'08), and Suzanne Gouthro. She will be missed by her grandchildren, family and friends.

Frederic Albert Lindsay Campling

BASc'52

Frederic Campling passed away on Jan. 27, 2022. He was 93. He was predeceased by his wife, Joan (Arts'49), and his brother, electrical engineering Professor Charles Campling. He is survived by his children, Kathleen (Douglas Smyth), Robert (Com'79) (Jo-Anne Lacroix, [NSc'80]), Nancy (MBA'84) (Greg Burton) and Mary (Com'86) (David Procter); his grandchildren, Laura, Eric, Bryan, Michael, Michelle, Jeremy Burton (Artsci'12), and Joshua Burton (Sc'13); and nine great-grandchildren.

William "Mark" Dresser

BA'79

William "Mark" Dresser passed away on Oct. 29, 2021. He was 64. He was predeceased by parents, Gerald and Jean Dresser. He is survived by his beloved husband, Bruce Bolton; stepson, John Bolton; brothers, Alan Dresser (wife Aileen) and Rob Dresser; and nieces, Justine, Blythe, Alison, Jocelyn, Katie, and Alexandra.

Martin Hammerli

BSc'61, PhD'64

Martin Hammerli passed away on Feb. 11, 2022. He is survived by his children, Michael, Karen, and Heidi; grandchildren, Kaitlyn and Ryan; sister, Cathy Moss; sister-inlaw, Marjorie Hammerli; brotherin-law, Jim Metzger; and their extended families.

Erma Joyce Jury (nee Jones)

BA'62

Erma Jury passed away on Feb. 2, 2022. She is survived by her husband, Ernest Jury (Sc'55, MBA'62), and son, David (Shirley), and predeceased by her son Craig. Erma will be missed by many, including her grandchildren, Kevin (BScH'20), Mason; and her extended family in Thessalon, Thunder Bay, and Vancouver. Erma founded the Craig Jury Memorial Summer Studentship in Cancer Research Fund at Queen's.

Gordon Ernest Kerr

HBSc'70

Gordon Kerr passed away on March 21, 2022. He was 74. He is survived by Muriel (nee Stone) (Arts'69); children, Beth (Sarah Bruer), Andrew, and Ian (Tara Anderson); grandchildren, Marshall, Kieran, Ainsley, and Teagan.

Philip John MacIntyre

BSc'74

Philip MacIntyre passed away on March 5, 2021. He was 69. He is survived by his wife of 48 years, Gayle; daughters, Jennifer (Martin) and Christine (Paul); four grandchildren, Emma, Tyler, Oliver, and Henry; as well as many extended family and friends both in Canada and overseas.

Ronald Francis Mann

BSc'56, MSc'60, PhD'66 Ronald Francis Mann passed away on Feb. 21, 2022 at the age of 90. He is survived by Helen (nee Lane) (Artsci'84), his beloved wife of 66 years; daughters, Janet (Artsci'78, MBA'84) and Karen Scott (Artsci'82) (Jim), and son Robert (Sc'84) (Ellen); and four grandchildren.

Anna Matzov

RΔ'70

Dr. Anna Matzov of Kingston, Ont., died unexpectedly on Jan. 16, 2022, at the age of 88. She taught Russian language and literature at Queen's for 30 years. Anna is survived by her children, Avi, Irit, and Ron; and her grandchildren.

Elizabeth Jean (Betty) McQuay

BMus'81

Elizabeth Jean (Betty) McQuay passed away on May 6, 2021. She was the daughter of Dr. John B. McQuay (Meds'44) and Mary McQuay (nee Turnbull) – both predeceased. Betty is survived by her siblings, Marilyn (Martin) Chilton, Paul (Arts'71) (Marion), and Janice (Arts'71, B.Ed'73).

Margaret Moon (nee Cream)

BA'48

Margaret passed away on April 29, 2021. She was 93. She was predeceased by her husband, Alexander J. Moon (BA'49). She is survived by her three children, James (Tracey), Richard (Law'81) (Audrey), and Catherine (Artsci/PHE'83) (Ian Cornett Artsci'83); and nine grandchildren, including Jack (Artsci'16), Marnie (Artsci'17), and Harris (Sc'00).

Wayne Roger Paulson

BSc'60, MSc'66, PhD'69
Dr. Wayne Paulson passed away on Dec. 14, 2021. He was 84. He is survived by his wife, Eleanor Jean Paulson (nee Gilders); and his three nephews, Brian, James, and Glenn Howe. He was predeceased by his parents, Inez and William Paulson; his brothers, Gary and David; and his sister, Barbara Howe.

Merle Southam (nee Shaver)

BA'46

Merle Southam passed away on Jan. 28, 2022. She was 98. She was predeceased by her husband, Dr. F.W. (Bill) Southam (BA'46); and her brother, Burn Shaver (Grace). She is survived by her children, Roderick Southam (Joanne), Arlene Southam (Kirk), Kinuso and Terry-Anne Dawe (Becky); four grandchildren; and six great-grandchildren.

Colin McGill Sutherland

BCom'77

Colin McGill Sutherland died skiing on Feb. 12, 2022. He was

67. He was predeceased by Hector and Nancy Sutherland; and is survived by his children, Devon and Keith; their mother, Vanessa; and his siblings, Linda (Artsci'76), Anne, Brian, and Jane.

Hale Freeman Trotter

BA'52, MA'53

Hale Freeman Trotter, born May 30, 1931, in Kingston, Ont., died Jan. 17, 2022, at his home in Princeton, N.J. Predeceased by his beloved wife, Kay; his dear brother Bernard (MA'48); and parents, Reginald George Trotter (head of the Oueen's history department until his death in 1951) and Prudence Hale. Hale was also the much-loved uncle of Rex (Arts'73) (Eliza), and niece Victoria Vaghy (Artsci'75, Ed.'77), and nephew-inlaw Tibor Vaghy (retired assistant professor, Queen's); grand uncle of Marie (MA'19).

Steve Vandewater

BA'78 and MBA'80

Steve Vandewater passed away on Sept. 1, 2021. He was 66. He is survived by his daughter, Stephanie (mother Laurie, Artsci'78, MSc'81).

Anne Elizabeth Waterman (nee Moreland)

BA'80, BSc'83

Anne Waterman passed away on April 16, 2021. She was 63. She is survived by her beloved husband, Paul (Sc'79); sons, Matthew (Sc'12), Sean, and Adam (Sc'17); and brothers, John (Sc'76) and David (Sc'83).

James "Jim" Laurence Wright

BA'70, B.Ed.'73

Jim Wright passed away on
Aug. 17, 2021. He was 71. He is
predeceased by his father, T.E.
(Ed) Wright and Margaret (Marg)
Wright of Kingston. He is survived
by his wife of 47 years, Penny;
son, Jeff; daughter, Katie (Tom);
and grandsons, Oliver, George,
and Jack Rouse. He will be dearly
missed by his brother, Tom (Kathleen), of Kiawah Island, S.C, niece,
Jennifer (Daniel); and great-niece,
Madeline Kibblesmith.



NOTE
If you have memories of friends, faculty, and colleagues, you would like to share, you can still email us: review@queensu.ca

IOTOGRAPH COURTESY OF THE WASMUND FAMIL

LEGACY

1939-2022

<u>Dr. Bert</u> Wasmund

Alumnus known for humble generosity believed in investing in people

Ontario town, where making a living often meant long, hard days working in one of the local industries of farming, mining, or forestry.

Therefore, for Dr. Bert Wasmund, Sc'61, MASc'63, LLD'08, the path to post-secondary education – and to Queen's – wasn't easily forged.

Dr. Wasmund was raised on his family's farm in Monteagle, Ont., a few kilometres north of Bancroft in the rugged Canadian Shield. The youngest of three brothers, he had a humble upbringing. He attended a one-room schoolhouse until Grade 8 and left the farm to work at his family's general store when he was just 10 or 12. He then attended high school in nearby Bancroft.

"When my dad grew up [in the 1940s and 1950s] going to university – especially from a small farm community – was not expected," says Dr. Wasmund's son, Dr. Eric Wasmund, Sc'88. "Not everyone had access to education, especially in that community and in that era."

He applied to universities but did not have much success. It was while working at the historic Bicroft Uranium Mines near Bancroft that Dr. Wasmund met a Queen's alumnus and mentor who encouraged him to apply.

Dr. Wasmund went on to earn his Bachelor of Science in 1961 and a Master of Science in chemical engineering in 1963. He then went to the University of Toronto, where he earned a PhD. Soon after he joined Hatch, a Canadian firm that supplies engi-

neering, project and construction, business consulting, and operational services to the mining, metallurgical, energy, and infrastructure sectors. He would become one of just four to lead the company in 1990 and built a decorated, 50- yearlong career at Hatch.

As an engineer, Dr. Wasmund was known for his technical skills and innovative approaches to solving long-standing industrial problems. His efforts have resulted in important improvements to metal works productivity, cost effectiveness, and energy efficiency, as well as environ-

Dr. Wasmund
"wanted to
help level the
playing field
for those who
historically
haven't had
equal access to
post-secondary
education."

mental and workplace safety developments. His name is on several patents for specialized metallurgical reactors, as well as cooling systems used for protecting walls of smelters. These achievements earned him worldwide recognition.

He was awarded the prestigious Noranda Airey Award in 1998, was inducted into the Canadian Mining Hall of Fame in 2011, and earned the Ontario Professional Engineers' Gold Medal in 2012. He was also granted honorary doctorates from Queen's and the University of Toronto. In 2017. Dr. Wasmund became a mem-

"He genuinely cared about people and equality and was doing the work to make the future a better place for my generation."

- NICK PARCHER, SC'15

ber of the Order of Canada. Yet he never forgot his humble roots in the Ottawa Valley.

"From his own experience, [my dad] saw the transformative power of education," says son Eric. "It could change your whole trajectory. It's something you do early on, it's people you meet, the things you learn about yourself, and how to work in a team. That all becomes accrued as you get access to education."

He explains his father's brothers did not have access to the same level of education and, because of that, did not have the same opportunities to make an impact in the world through a career like engineering.

In addition to mentoring up-andcoming engineers at Hatch, Dr. Wasmund was a dedicated supporter of his alma maters. He served on the Queen's University Applied Science advisory board. He lent his support to research initiatives and funded scholarships for undergraduate and graduate students at both schools.

At Queen's, the Wasmund awards and scholarships have been a critical component in the development of more than 100 successful Queen's graduates. The Wasmund Family

Memorial Scholarship, established in honour of his parents, has opened opportunities for students at North Hastings High School, Madawaska Valley District High School, Opeongo High School, and Renfrew Collegiate Institute, and helped students succeed in fields as diverse as biology, medicine, economics, linguistics, public administration, law, music, engineering, teaching, nursing, and social work. Dr. Wasmund also established the Bert Wasmund Scholarship for Sustainable Energy Research along with his son, Eric.

Together, the Wasmunds created two funds aimed at supporting Indigenous students entering their first year of the Bachelor of Applied Science degree program at Queen's, with renewable options for each year of their engineering undergraduate degree.

"What mattered to Dad was investing in people. That goes along with the scholarships. He wanted to help level the playing field for those who historically haven't had equal access to post-secondary education. That was really important to him," says Dr. Eric Wasmund.

When Dr. Wasmund was in hospital near the end of his life – and then

after he passed on – his son says there was an outpouring of appreciation from people who were impacted by his generosity and leadership.

Dr. Jonathan DeGeer, Artsci'07/ Artsci'08, was one of the first recipients of Dr. Wasmund's awards. Like Dr. Wasmund, he was raised in Bancroft. He came to Queen's to study math and statistics and life sciences.

"This award was the deciding factor in me choosing Queen's," says Dr. DeGeer, who now works as a researcher in molecular and cellular biology in Basel, Switzerland. "Receiving the award changed the course of my life – a big financial burden was alleviated from me, and I was able to focus on my studies."

Dr. DeGeer explains his start at Queen's set him on his career path, which has led to aiding in the discovery and development of new therapies in health care.

During the annual Wasmund Scholars' Dinner that Dr. Wasmund hosted at Queen's, Dr. DeGeer recalls connecting with him on a shared philosophy about giving back.

"Coming from a small town, there is a commitment to community and helping others," says Dr. DeGeer. In years since, he says that philosophy has motivated him to continue to give back through mentorship and local volunteering opportunities.

Nick Parcher, Sc'15, was the first recipient of the Wasmund Family Indigenous Scholars Award – established to benefit Indigenous students entering their first year of studies in the Faculty of Engineering and Applied Science. Mr. Parcher also received an award created by Hatch.

"Without [the scholarships], I would not have been able to afford school," says Mr. Parcher. "It was the difference between me graduating and not."

Mr. Parcher also viewed Dr. Wasmund as a role model.

"He genuinely cared about people and equality and was doing the work to make the future a better place for my generation," he says. "It made a profound impact on me and how I define success and shaped a lot of the values that I still hold."

Dr. Bert
Wasmund
with award
recipients and
administrators
at an annual
Wasmund
Scholars'
Dinner hosted
at Queen's.



51



Engineering a new brew

Ted Fleming is turning the non-alcoholic beverage industry on its head

BY ANDREW LUBOWITZ

When Ted Fleming, Sc'00, launched a Kickstarter campaign for his non-alcoholic craft beer company in 2017, the move seemed like a departure from his engineering roots. But for Fleming, what he learned as an engineering student at Queen's still applies to his work in the non-alcoholic brewing industry. Now the founder and

chief executive officer of Partake Brewery in Toronto, he explains that the lessons offered by a Queen's engineering degree allowed him to approach his business from a problem-solving perspective.

"I think that's partly why I chose the program; it helped with my adaptability. In engineering, you face difficult problems, but also get exposure to social sciences and things that help you look at how issues impact people. That adaptability was a key lesson for me, and I think that's how I've approached business. Every business is just a series of problems that need to be solved, and I've found having an engineering mindset is very important to managing that process," says Mr. Fleming.

After making dietary changes necessary because of a Crohn's disease diagnosis in 2005, Fleming realized what he missed most was the social connections that blossomed when friends and colleagues would go for a drink. Switching to non-alcoholic beer introduced him to a space that had been neglected by brewers, retailers, and the hospitality industry.

For Mr. Fleming, it was a new problem to solve.

Wanting to create an inclusive space where those drinking non-alcoholic beverages didn't have to compromise on taste or experience, he developed a non-alcoholic craft beer that offered consumers a low-calorie alternative but still provided the craft beer experience. It's a product that's resonated with consumers and Partake has grown considerably since its Kickstarter roots five years

ago. The company was completing its second financing round in March 2022, raising \$16 million, and earlier this year Mr. Fleming was named a 2022 Globe and Mail changemaker. Partake's success hasn't gone unnoticed and is changing the conversation in the wider industry.

"We've had this tremendous shift towards people who are drinking non-alcoholic beer who don't have to be. And they're choosing to do so partially because companies like ours are creating great products and it's no longer a compromise to drink non-alcoholic beer. It's a fundamental shift in terms of who's coming into the category and it's very exciting. We can pitch to any beer drinker now because they're not missing a beat socially or in terms of health."



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