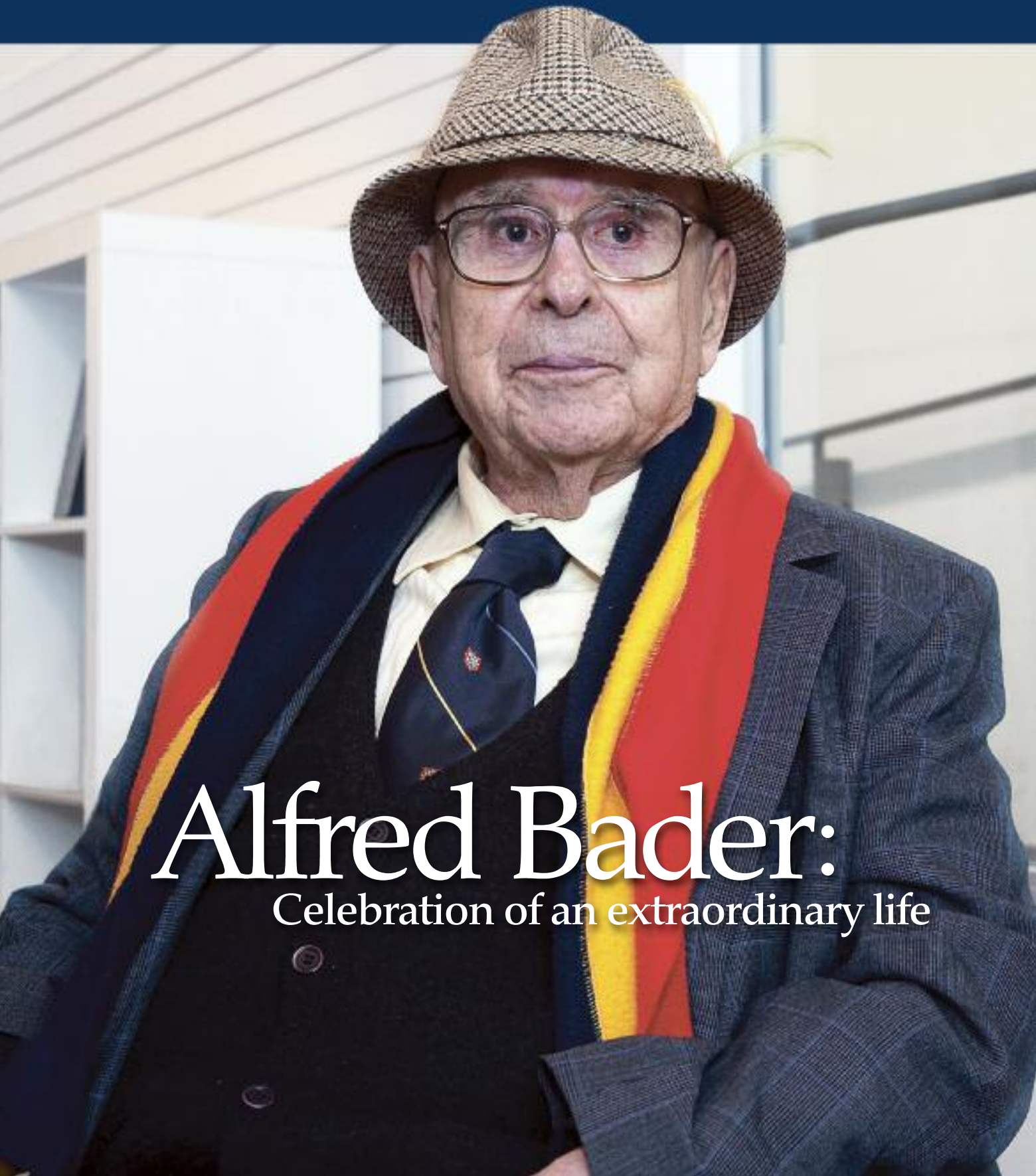


Queen's

ALUMNI REVIEW

Issue 1, 2019

THE MAGAZINE OF
QUEEN'S UNIVERSITY
SINCE 1927



Alfred Bader:

Celebration of an extraordinary life

Unleash the True Potential of Data



Master of Management Analytics

Realizing the promise of big data requires people who can find the business opportunity in the numbers.

Available in two formats



From anywhere in the world. Web-based learning platform plus week-long immersive sessions at SmithToronto, Mannheim Business School and Hong Kong University of Science and Technology Business School Executive Education.*



Evening and weekend classes at SmithToronto. Plus week-long immersive sessions at the Queen's University campus in Kingston.

Earn your degree while you work

smithqueens.com/mma

* Prospective students are advised that offers of admission to a new program may be made only after the University's own quality assurance processes have been completed and the Ontario Universities Council on Quality Assurance has approved the program.

2
From the editor

3
Letters to the editor

6
From the principal:
Remembering
Alfred Bader

14
Campus and
community

28
Keeping in touch notes

42
Your global alumni
network

44
Ex libris:
New books by
faculty and alumni



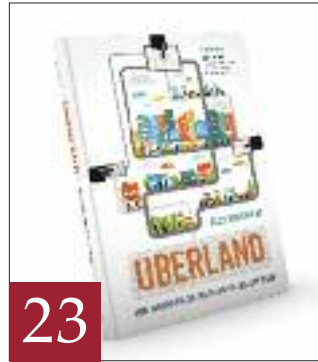
DAVID BADER PHOTOGRAPHY

8

COVER STORY

Alfred Bader: Celebration of an extraordinary life

Queen's remembers Dr. Alfred Bader, an accomplished student, dedicated alumnus, and one of the university's most generous benefactors.



UNIVERSITY OF CALIFORNIA PRESS

23

FEATURE STORY

When your boss is an app

A new book by Alex Rosenblat, MA'13 (Sociology), explores the downside of the gig economy.



NASA/BILL INGALLS

16

FEATURE STORY

The long commute

Drew Feustel discusses his career path, from underground to orbit.



BERNARD CLARK

26

BEHIND THE SCENES

In the wardrobe room

At the Dan School of Drama and Music, students create stage costumes that bring theatre productions to life.

ON
THE
COVER

In this 2014 photo, Alfred Bader visits the Agnes Etherington Art Centre.

PHOTO BY QUEEN'S MARKETING

On Alfred Bader's legacy



GARRETT ELLIOTT

This is one of my favourite photos taken at the 2016 exhibition unveiling Rembrandt's *Portrait of a Man with Arms Akimbo* at the Agnes Etherington Art Centre. This moment in time captures the inspiration behind Alfred Bader's many philanthropic gifts to Queen's: the desire to make art accessible to the community. I encourage all of our readers to visit the Agnes and see the Rembrandts (and other pieces in The Bader Collection) in person. While photos are lovely, there's nothing quite like the experience of studying a beautiful work of art for yourself.

There aren't enough pages in this issue to capture all the many ways Dr. Bader supported and transformed Queen's. While we focus in our cover story on his transformational gifts to the university, there are many other stories to tell. I've reposted some

stories from past issues of the *Review* in our online issue. And I'm sure that many of our readers will have their own stories to share as well, whether it is about time spent at the Bader International Study Centre, a scholarship that opened up new opportunities, or the chance to do research with one of the Bader Chairs at Queen's.

Andrea Gunn, Editor
review@queensu.ca 613.533.6000 ext. 77016

This summer, I'll be asking our readers to participate in our 2019 *Queen's Alumni Review* readership survey. We do this email survey every three years or so in order to check in with our readers, to find out what they like and what we can improve upon. I'll provide more information in our May issue.



Queen's
UNIVERSITY

Volume 93, No. 1, 2019
review@queensu.ca
queensu.ca/alumnireview
@queensureview

Queen's Alumni Review
(circ. 120,000)

The *Queen's Alumni Review* is published by the Department of Alumni Relations and Annual Giving. Queen's is a member of the Council for the Advancement and Support of Education and the Canadian Council for the Advancement of Education. Subscriptions are free to alumni, \$25 CDN/year for others. Opinions expressed in the *Review* are not necessarily those of Queen's University.

ISSN #0843-8048

Queen's University
Principal and Vice-Chancellor
Daniel R. Woolf, Artsci'80

V-P (Advancement)
Karen Bertrand, Artsci'94

Editor
Andrea Gunn, MPA'07

Copy Editor
Cat London, Artsci'03

Contributors
Mark Kerr, Elizabeth Howell,
Phil Gaudreau, Andrew Willson,
Anne Craig, Bernard Clark,
Michael Ferguson, Tim Fort

Art Director
Larry Harris, University Marketing

Associate Designer (KIT)
Wilma van Wyngaarden

Advertising/Sponsorship Officer
Peter Gillespie, Artsci'01
Phone: 613.533.6000 ext. 75464
Email: advert@queensu.ca

Canada Post publications
mail permit #41089017

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

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

Download the *Queen's Alumni Review* app from the Apple App store for iOS devices and Google Play and Amazon App store for Android devices.



The magazine of Queen's University since 1927

Support the *Queen's Alumni Review*:
givetoqueens.ca/magazine

Queen's
ALUMNI REVIEW

letters

TO THE EDITOR

Remembering David Helwig

David Helwig, former professor (English) and noted author and editor, died Oct. 16.

I was a student in several English courses taught by David Helwig in the early 1960s. He was, at the time, only five or six years older than his students. He had a rich, sonorous baritone voice and I enjoyed his lectures, though sometimes he could get carried away in his own brilliance and not quite make sense. He later told me he always knew when this happened because of the puzzled look on my face. His poetry was published in *Queen's Quarterly* and I became a fan, attending Canada-Council-sponsored poetry readings in the 1970s whenever he toured Halifax where I lived. After one of these I told him I had always wanted to write and he said, "You just haven't made a commitment to it," words which acted as a strong prod. He became a supportive and generous mentor to my writing attempts through the 1980s, providing forthright feedback ("wooden dialogue") and he edited my first book, published by Oberon. His own commitment to writing never

faltered, no matter the reception of his work, and he remains, in my opinion, an under-appreciated poet in Canada. Each year he sent to friends a Christmas card of gravitas and beauty – a poem or two with a profound message held in a distinctive card of his own design, entirely original.

Yet my favourite memory of David is when he, as a young professor, appeared in our *Queen's* classroom one morning wearing mismatched socks. He was a small man and always sat on the desk, his legs dangling down in front of us. On this day he wore one brown sock and one blue, decidedly interfering with his lecture. Did he know? After a bit, he noticed our contained mirth, looked down and said, "Oh, I know they don't match, but it's the end of the month."

Writing was what mattered to him, and in his poetry and novels he made life – both its pain and its beauty – more intense, cherished, and meaningful. I believe he is one of Canada's great poets whose full recognition has yet to come.

Carol Anne (Matthews) Wien, Arts'65

Professor Emerita, Faculty of Education, York University
Halifax



CHOOSE YOUR REWARD

Get rewarded when booking your group event with us and discover how we do meetings differently

marriott.com/ygdkk

Book your Group Event before April 1st, 2019, host it by March 31st, 2020 and you'll have your choice of Two Rewards* including:

- Manager's Reception
- One Night Complimentary Accommodation
- Bonus MARRIOTT BONVOY Rewards Points
- ... and many more!

For details, contact Stephanie Quick at 613.650.5410 or squick@deltakingston.com
*Some conditions apply.

DELTA
HOTELS
MARRIOTT
RESORTS & SPA

LETTERS TO THE EDITOR

It was with great sadness that I read of the passing of David Helwig, who taught English literature at Queen's from 1962 to 1974. In the autumn of 1964, I enrolled in the first year of a Bachelor of Nursing Science at Queen's, having just graduated as a nurse from Kingston General Hospital. We were required to take English, and David Helwig, who would have been in his mid-twenties at the time, was our lecturer. He had recently completed a BA from the University of Toronto and a master's from the University of Liverpool. David was, quite frankly, one of the best teachers I have ever had, from kindergarten to PhD. He used to enter the classroom and sit on the front edge of the long bench that ran across the front of the room, rather than standing behind it as most lecturers did. He would then just talk about the work that we were studying at the time, whether it was *Death of a Salesman* by Arthur Miller, *Catcher in the Rye* by J.D. Salinger, or *Four Quartets* by T.S. Eliot. He never seemed to use notes. It was more like a chat than a lecture, but it was packed full of information. I think he was able to do this because he knew his subject so well. It was one of the thrills of my life to get an A on an essay in that course, because David had warned us that he would only be giving out about three As that year.

I became so enraptured by English literature that I considered leaving nursing and studying it. However, practicality prevailed and I ended up teaching nursing in Australia as a "sister tutor" in the hospital nursing education system, and later as a professor of nursing when nursing education was transferred into the universities. I believe that David engendered in me a lifelong love of English literature and inspired me to be a better teacher throughout my career.

Kathryn Roberts, NSc'66, Queen's (MA, PhD, Macquarie University)
Professor of Nursing, Northern Territory University (1990–2003)
Kincumber, Australia

Remembering "Miss G."

Donna Gallagher, former professor (Physical and Health Education) and volleyball, field hockey, and badminton head coach, died July 18.

I remember Miss G. very well as I had her for many classes...field hockey and volleyball levels 1 to 3. And, of course, her famous class of games of low organization.

Miss G. was an important role model in both my life and career, and I feel saddened over her too early departure from this world. It is always difficult to accept that these "larger than life" people are mortal after all.

However, I'll always remember her dedication to her profession and students, her marked Massachusetts accent, and the dynamic sparkle in her eye.

Carolyn Broadhurst, Artsci/PHE'77, Ed'78
Ottawa



Honouring Ned Franks

Ned Franks, Professor Emeritus (Political Studies), died this past September. A memorial service, overflowing with family, friends, and former students, was held in November at the Agnes Etherington Art Centre. It was a remarkable afternoon, celebrating a good and useful life. Ned was a beloved mentor to generations of students, a major resource for government and media, and a renowned whitewater paddler.

To honour Professor Franks, the Canadian Canoe Museum in Peterborough, Ont., is establishing the C.E.S. (Ned) Franks Memorial Fund within the museum's First Nations, Métis, and Inuit Program Fund. Monies donated in Ned's memory will be put toward enhancing artisan programming including canoe building and expansion of the artisans-in-residence and related activities at the museum and beyond.

All donations to the Canadian Canoe Museum and are tax-deductible and can be made through the museum's website or directly to the museum. For more information contact Shirianne Pawley-Boyd: shirianne.pawleyboyd@canoemuseum.ca.

Hugh Christie, Artsci'78, Law'81
James Raffan, Artsci'77, Ed'78
Chris Cunningham, Artsci'76

Alumni named to Order of Canada

Lyse Doucet, CM, OBE, (Artsci'80, LLD'15), was one of five Queen's alumni named to the Order of Canada on Dec. 27.

Ms. Doucet, the chief international correspondent for the BBC, was honoured for her commitment to journalistic integrity and for her achievements as an international broadcasting correspondent and presenter.

Brent Belzberg, CM (Com'72), the senior managing partner for Torquest Holdings Inc. Management Services, was honoured for his contributions to Canada's economic and social landscape as a business leader and philanthropist.

Ross D. Feldman, CM (Arts'73), the medical director (cardiac science program) for the Winnipeg Regional Health Authority, was honoured for his leadership in the prevention and control of hypertension in Canada.

Gordon Gray, CM (Com'50), the former president and chairman of Royal LePage, was honoured for his contributions to Canada's real estate industry and for his philanthropic commitment to education and wildlife initiatives. (Mr. Gray and his wife, Patricia, established the Gordon and Patricia Gray Chair in Particle Astrophysics at Queen's.)

Gregory Zeschuk, CM (MBA'04), the co-founder of video game company BioWare, was honoured for his revolutionary contributions to the video game industry.



Lyse Doucet in 2015, when she received an honorary degree from Queen's University

Call for Nominations

UNIVERSITY COUNCIL

In 1882, an amendment to Queen's Royal Charter declared the University Council duly constituted. It generally meets once a year to discuss any matters relating to the well-being and prosperity of the university and provides advice to the university. Members of the Council are elected by and from among the graduates of the university. Each alumnus may nominate TEN fellow alumni for election to the Council for a four-year term (September 2019 – September 2023). A candidate must be nominated in writing by at least TWO alumni.

GUIDELINES

University Council seeks members who have been actively engaged in the Queen's community as students and/or alumni; who have a variety of skill sets arising from professional, volunteer, and life experiences; and who are both willing and able to fully engage and participate in Council's deliberations. In order to help us achieve the goal of reflecting the diversity of Canadian society, alumni are encouraged to consider individuals from equity seeking groups such as women, racialized group members, Indigenous peoples, persons with a disability, and persons who identify in the LGBTQ+ community when nominating a candidate.



VOTING PROCESS

An online election will be held from 27 May 2019 until 10 June 2019. Alumni will be alerted to this election via email. To ensure you will receive communications about this election, please update your contact information and confirm your communication preferences by contacting the Alumni Relations office by email: records@queensu.ca or by phone: 1-800-267-7837.

NOMINATION FORM available at queensu.ca/secretariat/elections/university-council

Nominations open 25 March 2019 at 9 am EST and close 8 April 2019 at 4 pm EST

Remembering Alfred Bader

BY PRINCIPAL DANIEL WOOLF

This is a column that I had very much hoped I would never have to write during my decade as principal. Our alma mater lost one of its greatest friends and benefactors over the holiday break with the passing of Dr. Alfred Bader at the age of 94. Alfred had been in declining health for the last several years, and when I last paid him and Isabel a visit in the spring of 2018 at their home in Milwaukee, he was not able to speak very much. Isabel as always was by his side and their happy marriage – a story in its own right – and devotion to each other remained apparent.

Like many alumni, I first knew of Dr. Bader only through the pages of the *Alumni Review*, never imagining I would meet the man in person. Almost exactly 10 years ago, within days of the public announcement of my appointment as the university's 20th principal, and at that point still in my previous job, I got an email from Alumni Relations asking if I would take a call from Dr. Bader. I was delighted. Having followed his various gifts to the university over the years (a castle in England and Rembrandts? As a historian of Britain and early modern Europe, how could that not excite me?), I knew this would give me an opportunity to thank him in person. Interestingly, very little of the call involved lingering on past gifts – Alfred (as he asked me to call him within the first two minutes) brushed that off with “Well, I’m 84 and you can’t take it with you.” Most of the call was spent discussing the state of the university, my plans as principal, my past academic career (though he had done his homework) and, most personally and touchingly, our common experience as Jews growing up, admittedly in very different times, in a predominantly Christian environment. We had a great deal in common despite an age difference of more than 30 years and in his case a much tougher childhood and young adulthood in Europe, Britain, and Canada. Naturally, he was keen to establish that I was not going to do something

drastic to solve the university's pressing financial problems such as sell the castle or the paintings. I had no difficulty then and there indicating that as principal I would be highly unlikely to make any such recommendation to the Board of Trustees, not least because one-time sales of valuable assets, however tempting, are never a fix for structural and continuing problems. He was reassured.

I finally met Alfred and Isabel in person shortly after I took up office, at a ceremonial sod-turning for what is now “The Isabel.” The opening of the building still lay five years in the future, but it was an exciting day, though rather cold and damp. Alfred spoke eloquently about his commitment to Queen's, and the relationship he had enjoyed with nine (now ten) principals, going back to Principal Robert Wallace, under whose tenure he spent his undergraduate years, amid a much smaller campus where the principal knew most students and the registrar,

“Above all, Alfred... wanted to help.”

Jean Royce, knew everyone. In subsequent years he would wax nostalgic on the Queen's of the past, giving me his take on the strengths of the university but also on areas in which he thought we might have done better and (more important to him), where we might now improve for the future.

Above all, Alfred and Isabel wanted to help. When it became clear that the Isabel Bader Centre could not be completed on budget without significant changes, he quickly stepped in with a further contribution. At one point, out of the blue, he indicated that he wanted to do something to assist me in my endeavours and provided a million-dollar gift (as always by cheque sent in a plain brown envelope that he had addressed and put multiple 10-cent stamps on – no couriers for him) for use at “principal's discretion.” This is what became the two-year Bader post-doctoral humanities fellowships program. Alfred knew the university aspired to become more international as well as more diverse, and he felt this especially acutely given his own background as a refugee student – the result



Principal Woolf and Dr. Bader at one of their discussions over tea, in 2014

of this impulse was his creation of the Principal Wallace Freedom of Opportunity Award, given to international students entering first year at Queen's, with preference given to refugee students.

I shan't go on listing the benefactions, because they would fill much more than my allotted space. Alfred was inordinately thrifty in small things (the refusal to use couriers, for instance), and generous in big ones. But it is his generosity of spirit that always came through. On his and Isabel's visits to Kingston, the frequency of which gradually declined with his health, we invariably had a teatime discussion at the Donald Gordon Conference Centre, where I would update him on Queen's. Alfred had strong opinions on many things, and he could (and did!) ask tough questions. He was invariably interested in how the Bader International Study Centre was faring, how building was progressing on "The Isabel," and how his

named professors were doing. But he also always – himself a former Queen's trustee – understood that sometimes hard decisions had to be taken, and respected them even if he might have preferred a different outcome.

Alfred's identity as a Jew was very important to him, though it notably did not define or delimit his generosity. In Judaism we have a saying, "*Tikkun Olam*," which translates as "repair, or heal, the world," a term that has ancient origins but in recent decades has become associated with social action and a duty to make life better for one's fellow humans. Alfred Bader took this as both an ethical duty and a joy. His and Isabel's legacies will endure at Queen's, and in the many other causes he supported, such as his local community, Milwaukee, for decades or more. As we also say in Judaism of the recently departed, ז"ל: may his memory be a blessing. ■

Alfred Bader:

Celebration of an extraordinary life

Queen's remembers Dr. Alfred Bader, an accomplished student, dedicated alumnus, and one of the university's most generous benefactors.

BY MARK KERR AND ANDREA GUNN

Alfred Bader, BSc'45, BA'46, MSc'47, LL.D'86, died on Dec. 23 at the age of 94. Dr. Bader's connection to Queen's spanned more than 70 years. The generosity of Dr. Bader and his wife Isabel Bader, LL.D'07, transformed Queen's in countless ways. As Principal Daniel Woolf has noted, Dr. Bader's legacy at Queen's "will live on in future generations who will be enriched by his profound love for this university."



MICHAEL LEA/KINGSTON WHIG-STANDARD

Alfred Bader with Head of an Old Man in a Turban, the second of three Rembrandt paintings he donated to Queen's University.

A hunger for knowledge

Alfred Bader – an Austrian Jew of Czech descent – arrived at Queen's on Nov. 15, 1941, greeted by University Registrar Jean Royce. Professor Arthur Jackson showed Alfred around campus before instructing the new student to go to the chemistry building to claim a locker and equipment for lab work.

Alfred's circuitous path to Queen's began in Vienna in 1938. He left high school reluctantly, as Jewish children in Austria were then forbidden to stay in school past the age of 14. That same year, he was sent to England under the *Kindertransport* program, which removed thousands of Jewish children from Germany and German-annexed countries. In 1940, with other German-speaking refugees, he was deported to Canada, where he was detained in an internment camp in southern Quebec. Alfred was released from the camp in the fall of 1941 thanks to Martin Wolff, a Montreal journalist and historian, who sponsored Alfred and took the teenager under his wing.

With Mr. Wolff's encouragement and support, Alfred decided to further his education. He was accepted at Queen's and he began his studies mid-term in the Faculty of Applied Science.

"I was a free man, I had been welcomed into a Canadian family and had been accepted by a prestigious Canadian university," he recalled in his autobiography. "I was determined to do my best."

Alfred flourished at Queen's, getting involved in many aspects of campus life. He became a member

of Science '44 student co-op in second year. "I do not think I was a good member of the co-op," he wrote. "I certainly didn't enjoy snow shovelling or peeling potatoes, yet most of the members were patient with me, and I admired their savvy."

He joined the debating society and won the Roberta McCulloch Scholarship in Public Speaking in 1945. "How silly could I get? Public speaking – and me with my thick German accent! [But] I tried and won."

Hints of Alfred's future as a gifted chemist and passionate supporter of arts and culture appeared during his undergraduate studies. His dissertation on rare metals earned him first place in a technical paper competition. Soon after completing his Bachelor of Science in engineering chemistry, he completed a Bachelor of Arts in history. He remained at Queen's for his Master of Science in chemistry before attending Harvard University and receiving his PhD in organic chemistry in 1950.

"He never forgot the opportunities that a university education opened up for him," says Principal Woolf.

A desire to give back

Reminiscing to the *Review* in 1991, Alfred wrote, "When I was accepted by Queen's in mid-1941, I was scared and shy and selfish. Scared because I'd been told on leaving the camp that I must not tell anyone where I'd been and had to report weekly to the RCMP. Shy because what could I say to fellow students who told me they'd come from Glebe or Lisgar or KCVI and then asked where I'd come from in the middle of November? And



Alfred Bader, second from right, peeling potatoes with fellow members of the Science '44 co-op.

TRICOLOR '45 YEARBOOK

"I was a free man, I had been welcomed into a Canadian family and had been accepted by a prestigious Canadian university. I was determined to do my best."

Alfred Bader



TRICOLOR '45 YEARBOOK

Alfred Bader, back row, third from the left, with fellow members of the Queen's Hillel Foundation.

selfish because I thought one had to be to survive. Yet my fellow students in class and in Collins House, the Sc'44 Co-op, put up with me. And many of the professors, Registrar Jean Royce, and Dr. W.E. McNeill, who introduced me to debating, treated me wonderfully – as an individual, not as POW #156.

“This kindness brought me out of my shell, and over the years my contacts and interactions with Queen's staff, alumni, and students have continued to give me great pleasure.”

The beneficiary of several student awards and bursaries himself, Alfred always knew he would help other students, given the opportunity. In 1948, while he was a student at Harvard, Alfred suffered the loss of Martin Wolff,

who had been like a father to him. Mr. Wolff left \$1,000 in his will to Alfred. Instead of putting those funds toward his own education, Alfred used the inheritance to establish the Martin Wolff Scholarships in Civil Engineering at Queen's.

Alfred would go on to establish many more awards, bursaries, and fellowships at Queen's, giving numerous students access to the educational experience that had changed his life. Among the awards is the Principal Wallace Freedom of Opportunity Award, which Alfred and his wife Isabel established in 2013. The award, named in honour of the principal who paved the way for the young refugee to come to Queen's in 1941, goes to a first-year international student entering an undergraduate program; preference is given to a refugee student.

Alfred's support for students and researchers went far beyond just providing financial support. A lifelong scholar, he took a great interest in the work being done at Queen's. “During his visits to campus with his beloved wife Isabel, Alfred delighted in meeting with scholars, students, and other friends, to exchange ideas and to encourage them in their fields of studies,” Principal Woolf says.

A man of high standards

Alfred Bader, an astute entrepreneur, built his fortune through the chemistry industry. He worked as a research chemist with a paint company in Pittsburgh soon after graduating from Harvard. At the same time, he co-founded Aldrich Chemical Company, which specialized in supplying reliable chemicals for research purposes. The company grew to be an industry leader.

Even as his business ventures enjoyed immense success, Alfred never defined himself solely by his work. He referred to himself as a “chemist collector,” acknowledging his twin passions for science and the arts. “Paintings do cause strong emotions,” he wrote, “and I buy for my own collection only paintings I really love.” He also desired to share his paintings, knowing that they would inspire other art lovers and scholars. In 1967, Frances Smith, the curator of the Agnes Etherington Art Centre at that time, asked Alfred if he would be interested in donating a painting to the gallery. Alfred agreed, giving the campus art gallery an early 16th-century painting that had belonged to his grandfather.

Over the years, Alfred entrusted to the Agnes nearly 200 paintings from the Baroque era, including three paintings by Rembrandt. Alfred transformed the study



Alfred and Isabel Bader met some of “their” students at the inaugural Bader Awards luncheon in 2000. Meeting with students was one of the highlights of Alfred’s visits back to Queen’s.

and appreciation of art at Queen’s through his sustained and extraordinary generosity, according to Jan Allen, the director of the Agnes Etherington Art Centre.

“As a result of his vision and passion, the Agnes Etherington Art Centre ranks among world centres for the study of the School of Rembrandt,” she says. “Through endowment of the Curator and Researcher of European Art and through timely support for research and publication projects, facilities, and programs, Dr. Bader has ensured wide enjoyment of this enduring legacy.”

Jacquelyn N. Coutré, Bader Curator and Researcher of European Art, worked closely with Alfred, much like her predecessor, David de Witt. Dr. Coutré says Alfred’s impeccable eye and true thirst for knowledge shaped The Bader Collection at the Agnes into one of the most formidable collections of Rembrandt and Rembrandt School works.

“Clearly invigorated by the pursuit of new acquisitions, he built the collection with great discernment and thought.” she says. “The gift of Rembrandt van Rijn’s *Portrait of a Man with Arms Akimbo* in 2015 exemplified his collecting sensibility: a spectacular late portrait by the master that unites The Bader Collection in rich ways.”

While delivering a vast world of art to campus, Alfred also sought to extend Queen’s global presence by donating the 15th-century Herstmonceux Castle to the university in 1993. The 500-hectare estate in East Sussex, U.K., is now home to the Bader International Study Centre (BISC), which offers a number of programs on its historic campus as well as access to learning opportunities throughout Europe, including the study of art in many museums and galleries.

Herstmonceux Castle is a unique asset for Queen’s at a time when internationalization is, more than ever, a key element of the university’s success and reputation, according to Tom Harris, Queen’s interim Provost and Vice-Principal (Academic).

“For 20 years now, students from Queen’s and from all over the world have had a

“A great many Queen’s people have helped me, and I have tried to repay those many acts of kindness by helping others. At the end of my days, I pray that I will have succeeded as Queen’s succeeded with me – in helping others in their professions, in their perspectives, in their realization of their potential.”

Alfred Bader, addressing students after receiving an honorary degree from Queen’s in 1987.

IN MEMORIAM

transformative educational experience at the spectacular Herstmonceux Castle," Dr. Harris says. "The castle is a proud and central part of the larger-than-life legacy of the Baders."

Another stellar aspect of that legacy is the spectacular Isabel Bader Centre for the Performing Arts, which opened in 2014. In discussions with *Queen's*, Alfred said he wanted to do something special as a legacy to his wife, Isabel. Alfred and Isabel initially met in 1949 and developed a strong bond over the next year, before deciding to part ways in 1950.

Alfred and Isabel reconnected in 1975 at Bexhill in Sussex, close to Herstmonceux Castle, where Isabel was teaching. Isabel's love of music and theatre prompted Alfred to provide a transformative gift for the creation of an acoustically superior concert hall and theatre at *Queen's*. The new home for the creative arts at *Queen's*, located on the shore of Lake Ontario, also serves as a hub of vibrant artistic study, creation, and exhibition for Kingston and the region.

"Alfred set his vision and standards high," says Tricia Baldwin, the director of the Isabel Bader Centre for the Performing Arts. "He was a man who detested mediocrity and treasured the vigour of excellence. His creation of this state-of-the-art, multi-disciplinary centre is but one example. Many do well in life, but not all have the will and imagination to create something extraordinary that transforms the lives of others."

Alfred and Isabel attended the ground-breaking ceremony for the performing arts centre in October 2009. While Alfred's remarks that day were in reference to the performing arts centre, they now read as a summation of his enduring commitment to *Queen's* and his unceasing belief in the power of education and the arts.

"*Queen's* has grown in size, student numbers, and many other ways since my happy and life-altering days in the early '40s," he said. "The world seems to have gotten smaller, and we need even greater opportunities to interpret, understand, and appreciate our world." ■

■
In the online *Review*, read more about Alfred Bader's life, his love of art, and his impact on *Queen's*.



Alfred Bader's graduation photo, 1945.



DAVID BADER PHOTOGRAPHY

Alfred Bader in 2008, in his home office in Milwaukee.

■ If you have memories of Dr. Bader or his impact on your *Queen's* experience, please email bader.tribute@quensu.ca or send direct mail to:

Bader Tribute, attention Nikki Remillard
Queen's University
Alumni Relations
Kingston, Ont., K7L 3N6

Stories may be shared with the Bader family and the wider *Queen's* community.

Join Principal Emeritus Bill Leggett on our 2019 tour of the Italian Lakes District

Make your reservation today!
Call **1-800-267-7837**
or email travel@queensu.ca



ALUMNI EDUCATIONAL TRAVEL
experience...beyond the ordinary!

Request your copy of the 2019
Alumni Educational Travel catalogue today!
1.800.267.7837 travel@queensu.ca

Featuring



*Travel for
Travellers*
BY GLP WORLDWIDE

GoAhead



How building a culture of feedback is developing better doctors



MICHAEL FERGUSON

For Julia Tai, a second-year resident in the Department of Internal Medicine, competency-based medical education (CBME) is closely associated in her mind with a regular event in her department: Feedback Friday.

During Feedback Friday sessions, one resident must leave a team-wide meeting so that all the other members of the team – the attending staff, medical students, and other residents – can discuss the absent learner’s performance. After the meeting, the resident who left the room receives a detailed assessment based on the discussion.

The first time Dr. Tai was the subject of Feedback Friday, she was terrified. After she walked out of the room, all she could do was wait and try not to think about what they might be saying. As scared as she was, though, Dr. Tai also says she was excited because she knew the assessments that were going to come out of the meeting were going to make her a better doctor.

Feedback Friday is one tool

among many that Internal Medicine is using to implement CBME. The idea behind it is to give all the members of the program a chance to develop honest, constructive criticism for each resident. Dr. Tai sees Feedback Friday as evidence of the culture that CBME is creating at Queen’s – a culture in which everyone is comfortable asking for, giving, and receiving feedback.

When Dr. Tai was choosing which schools to rank for the Canadian Resident Matching Service (CaRMS) process, she was attracted to Queen’s for many reasons, but one unique feature stood out: the fact that it would be launching CBME across all specialty training programs when she would start.

What makes CBME exciting for Dr. Tai is the fact that she is encouraged to take a leadership role in her own education. Under CBME, Dr. Tai and her fellow residents are always expected to ask their preceptors for feedback and check in as to whether they are progressing satisfactorily through the stages of the program. If they think they’ve worked on a case that builds one of the skills they are trying to develop, it is completely normal for them to ask a faculty member to provide an assessment on their progress.

The residents in the Department of Internal Medicine, though, do not

always need to initiate the conversations about their progress. Every four months, Dr. Tai meets one-on-one with her academic adviser. In these meetings, the two of them review her work and evaluate how well she is moving toward her goals.

Based on these regular meetings, Dr. Tai’s adviser develops a report on whether or not she is ready to move on to the next stage of the program. This report is then submitted to the Competency Committee, the members of which make the final decision on a resident’s progress. There are four stages in the program: Transition to Discipline, Foundations of Discipline, Core Discipline, and Transition to Practice. Each one of these stages provides residents with different skills to focus on and different goals to reach. All residents progress through these stages at their own pace. The stage each learner is in is kept confidential, which enables residents to focus on their own progress rather than on comparing themselves to others.

Halfway through her three-year program, Dr. Tai is proud of how much she has learned and how far she has come as a physician. And she believes that her growth has been greatly assisted by CBME, which has enabled her to have a sense of ownership over her education.

■ **Andrew Willson**

The Review reported on the implementation of competency-based medical education at Queen’s in Issue 4-2017. Read “The evolution of medical education” online: queensu.ca/gazette/alumnireview/stories/evolution-medical-education.

IN MEMORIAM

Peter Galbraith, MD’56, Professor Emeritus (Hematology) and founder of the Division of Hematology at Queen’s, died Oct. 20.

Joseph Polzer, former professor (Art History), died Nov. 17.

Gerrit (Gerry) Wilde, Professor Emeritus (Psychology), died Jan. 1.

Stewart Fyfe, BA’49. MA’55, Professor Emeritus (Political Studies), died Jan. 30.

Obituaries are posted in the online *Review* as they are received. If you have memories of these professors you’d like to share, please write us: review@queensu.ca.

Supporting future success

New graduates have been given a unique opportunity for employment thanks to a donation from benefactor and parent of a Queen's Arts and Science graduate, Alan Rottenberg. The funding has been used to create the Queen's Career Apprenticeship: Kingston program.

Employers who commit to a one-year, full-time job with training built in for a new graduate are reimbursed for four months of the gross salary to a maximum of \$4,000 per month. The ultimate goal is that the employees will continue on after the completion of the apprenticeship. In 2019, the program will provide funding for 35 new apprenticeships.

Designed for arts and humanities graduates, the apprenticeship program is a joint effort between Queen's Faculty of Arts and Science and the Kingston Economic Development Corporation (KEDCO). The objective of the program is to help new graduates launch their career while

retaining skilled talent in the Kingston community to support business growth.

"These students are talented, and Kingston businesses can benefit from keeping them here and helping them launch their careers. It really is a win-win for everyone," says Rottenberg. "The pilot proved a great partnership that delivered amazing results and that is why we are ready to make it even bigger this year."

The program was piloted last year with eight students starting their careers in Kingston with organizations such as VIVA Productions, Make Hay Media, Keilty International, BBD, and Meta Innovation Technologies. The participants graduated from various programs, including Film and Media, English, Psychology, and Global Development Studies.

"We know we have good students, so when Alan approached us about this idea of an apprenticeship program I said, 'Absolutely, let's make it

happen,'" says Barbara Crow, Dean, Faculty of Arts and Science. "And now, here we are poised to triple the program this year ensuring that our students are successful not only in the classroom but after they leave,"

For more information visit queensu.ca/artsci/qcak.

■ Anne Craig

In the next issue...

We explore the newly opened Mitchell Hall.

A graphic for Queen's University's 50th anniversary. It features a black and white photograph of a historic building on the left and a modern building on the right, separated by a diagonal line. The Queen's University crest and logo are in the bottom left corner.

Remember the **past**.

Imagine the **future**.

QUEEN'S FILM & MEDIA

50 1969-2019

Queen's Film and Media
50th Anniversary Celebration

April 5-7, 2019

queensu.ca/filmandmedia/50th

Limited **space**,
Register now.



The long commute:

Drew Feustel's working life, from underground to orbit

BY ELIZABETH HOWELL

Expedition 56 Commander Drew Feustel is carried to a medical tent shortly after he and his crew landed in their Soyuz MS-08 spacecraft near the town of Dzhezkazgan, Kazakhstan, on October 4, 2018. Feustel is making the American Sign Language sign for "I love you" as he speaks to his wife, Indira.

In October, Drew Feustel (PhD'95) landed back on Earth after six months in space. The voyage was the culmination of years of training and a lifetime of work.

On October 4, Drew Feustel and two colleagues came back to Earth. At 12:55 that morning, they had squeezed into the Soyuz MS-08 spacecraft. At around 3 am, the Soyuz undocked from the International Space Station. Three hours after that, at 6:51 am, the Soyuz began its de-orbit burn and plunged back into Earth's atmosphere. It landed in a remote part of Kazakhstan at 7:44 am.

Landing itself was an adventure. Astronauts – used to months of microgravity – feel slammed into their seats when gravity forces reach three times Earth's gravity or higher. They careen down into the soil so hard that crew members are trained to keep their mouths closed before impact, so nobody bites down on a tongue by accident. Sometimes the craft's parachute gets caught in the wind and the capsule drags a few feet. It's a lot to handle in a small space, where three people don't get much more than a telephone booth's worth of elbow room to perform the necessary launching and landing procedures. But this is what Drew Feustel trained for, spending countless hours in simulation so he could be ready for any emergency.

The big surprise was the emotion he felt upon reaching Earth.

"I was a little overwhelmed," after the landing, he says simply. Somebody handed him a satellite phone as he sat on the plains a few feet away from his landing site in Dzhezkazgan. "My wife and kids were on the phone. I was tearing up. I could hear Indi [his wife] crying. All the cameras were on me. Luckily, they had handed me some sunglasses." Shielding his sensitive eyes from the harsh sun, the glasses also helped him to regain his composure as he adjusted to his first minutes back on Earth after 197 days away.

Feustel says he was glad that he managed to pull everything together before he was whisked into a tent for the first of a series of tests. His initial challenge? To stay balanced and upright. Those first few moments on his feet were tough. Used to space shuttle flights only a couple of weeks long, after six months away from Earth, he found his legs weren't cooperating with him.

Quickly, another problem surfaced. "I started dry-heaving into a plastic bag." The thought popped into his head: "I wish I was in a space shuttle again!"

Decades before Drew Feustel made his first trip to space hundreds of kilometres above the Earth, he made a journey in the opposite direction – to a notable scientific observatory two kilometres below ground in a mine near Sudbury.

As Arthur McDonald and his fellow astrophysicists at the Sudbury Neutrino Observatory (SNO) studied the nature of neutrinos – work that would earn McDonald a 2015 Nobel Prize in Physics – Drew Feustel, a PhD student in Geological Sciences at Queen's, worried more about the movements of the Earth. The underground facility provided a perfect venue to learn more about the structure of the ancient Canadian Shield rock surrounding the former working mine. After a seismic event or earthquake, Feustel tells the *Review*, "I looked at how intrinsic materials, cracks, and rock structure would affect the seismic wave itself."

After graduating from Queen's, Feustel joined Kingston's Engineering Seismology Group and for three years, helped install equipment in underground facilities across Eastern Canada and parts of the United States. Oil giant Exxon hired him next to oversee and develop their own seismic monitoring program across land and sea.

The hours were long, the conditions difficult. When you work underground, you accept you might be trapped there. If you get stuck, you know that you may have to share food with the colleague you were disagreeing with earlier in the day. You understand that your very survival requires teamwork with your crew, because nobody working alone can fix the issue.

It turned out to be perfect training for spaceflight. NASA asked Feustel in 2000 to join the astronaut corps. A few short years later, Feustel had his hands on another laboratory that uncovers the secrets of the universe: the Hubble Space Telescope. You may think fixing NASA's famed orbiting observatory would be the peak of an astronaut's career. But Drew Feustel was just getting started.

Feustel was only four years old when astronauts Neil Armstrong and Buzz Aldrin walked upon the moon in 1969. In the next decade, anything seemed possible regarding spaceflight. NASA brashly advertised it would bring humans to Mars in the 1980s. Vast Earth-orbiting stations would host astronauts as a first

FEATURE STORY

stop on this two-year trip to the red planet. Colonies would spring up on the moon to provide resources and training for Mars explorers.

"I imagined that as I got older and became an adult, travelling in space was going to be fairly common, and something that we all did. So I grew up believing that I'll be an astronaut just like these guys who were going to the moon," Feustel once told NASA. He says now that he always followed his practical interests when deciding what to do next in life, but the thought of being an astronaut was always at the back of his mind.

As the Cold War cooled, however, the budgetary impetus for NASA's push into space was frozen too. Luckily, it wasn't a permanent pullback from space exploration. It was a retrenchment. NASA refocused its reduced resources on the space shuttle, which made 135 missions into space between 1981 and 2011. The shuttle made spaceflight more routine, helped astronauts practise spacewalks and satellite repairs and regular science experiments, and even brought the first Canadian astronauts into space in the 1980s and 1990s.


Then in 1998, very soon before Feustel came on board, NASA's dreams of an Earth-orbiting space station finally coalesced with the creation of the International Space Station. Incredibly, the first two modules joining up in space were an American module and a Russian module, representing a collaboration between the former Cold War rivals. Also participating were more than a dozen other nations: Canada, Japan, and several countries across Europe.

So NASA was in an exciting phase as Feustel began his training with the astronaut corps. The space station was only two years old, astronauts were building it block by block with spacewalks, and flight opportunities were frequent and full of challenge. Feustel completed his two-year basic training in 2002 and began technical duties in the space shuttle and space station branches supporting missions – all a part of the process to bring him to spaceflight in a few short years.

But he had to wait longer than expected. Everything stopped cold in early 2003 when the returning Columbia space shuttle broke up during re-entry, killing seven astronauts on board. NASA launched an investigation and paused shuttle flights while it made several key changes to improve shuttle safety. The agency also told the public it would not fix the aging Hubble Space Telescope because if the shuttle broke on the way there, there would be no place for the astronauts to wait for help from Earth.

So how did Feustel find himself fixing Hubble in 2009? Public and scientific outcry made its way to Congress. NASA changed administrators and began looking again at the safety requirements for a repair. The agency is talented at calculating odds and minimizing risk to its astronauts. It found a way to make a Hubble repair work – a scenario where it would have a backup shuttle at the ready to launch should Feustel's shuttle get stranded in space.

Astronauts are usually too busy with spaceflight training to pay much attention to news events. Feustel was no exception; the rookie



The Hubble Space Telescope captured this image of spiral galaxy NGC 5714, about 130 million light-years away, in March 2018. The 2009 STS-125 mission was the last of five missions to repair and upgrade the telescope, first launched in 1990, and which is expected to remain operational until at least 2030.

astronaut needed to learn how to replace and fix Hubble's delicate instruments without damaging the telescope, on a mission that would get more public attention than most. That meant long days doing simulated spacewalks in the vast Neutral Buoyancy Laboratory swimming pool, and long nights memorizing procedures to keep himself and his crewmates safe.

"The way we get there is by practice," he says. "We practise nominal things and off-nominal things. We do those over and over again to build the muscle memory. The things you expect to do are thoughtless."

This means that if an emergency occurs, astronauts aren't struggling with what Feustel calls "mental bandwidth." Like a dance routine, you've already memorized the steps if the shuttle begins to go off track during a launch, or if an instrument gets stuck while removing it from Hubble. Instead, Feustel says, when problems happen, you quickly expand your thinking. "I have a problem," he says, "so what are all the problems I know about? And how can I use that knowledge to create solutions?"

The tactic came in handy when during the fourth of five long Hubble spacewalks, a screw got stripped during removal. Spacewalker Mike Massimino called back to Earth when he realized he couldn't get a handrail off the telescope as planned. About half an hour later, Feustel recalls, NASA called up with an unexpected solution: since no other astronauts needed to repair this telescope, just break the handrail off. The fix worked beautifully, and before long, Hubble was set on its way to take more cosmic photographs.

"What are all the problems I know about? And how can I use that knowledge to create solutions?"

Feustel's next spaceflight in 2011 also got more media attention than usual when his mission commander – Mark Kelly – experienced a personal tragedy. On January 8, Kelly's wife, former U.S. Congresswoman Gabrielle Giffords, was badly injured during an assassination attempt. Giffords survived – but she emerged from the incident in need of constant care as she relearned how to walk and speak. Kelly was just four months away from commanding STS-134. NASA and Kelly briefly considered moving him from the mission, but as Giffords recovered, everyone agreed Kelly could go. A special team of hospital workers flew Giffords to the launch in Florida on May 16, 2011 so she could see her husband fly to space.

"In terms of the mission, there were a lot of

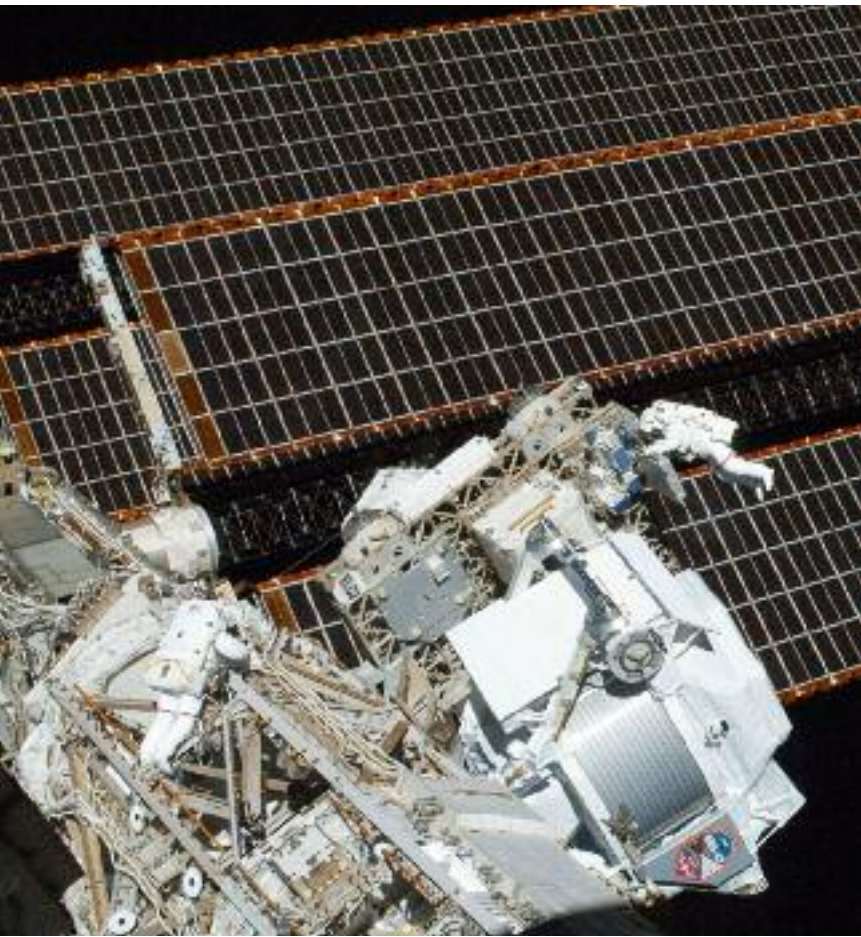


The official mission poster of STS-134 was based on a promotional poster for Star Trek. From left to right: Drew Feustel, Michael Fincke, Mark Kelly, Gregory Johnson, Roberto Vittori, Greg Chamitoff.

distractions," Feustel says now, adding that even with the crew training and commitment they found it "difficult to compartmentalize" after the traumatic event affecting their commander. While he was a junior member of the team on that mission, Feustel came to realize that a mission commander can only control so much of what happens during the training and on a spaceflight himself. It was a lesson Feustel says helped him when he took command of the ISS a few years later.

The tragedy overshadowed some of the expedition's work, including its important deliveries to the ISS. One experiment it hauled to space, the Alpha Magnetic Spectrometer 2, searches for dark matter in space, just as SNOLAB does on Earth. Among his achievements with STS-134, Feustel expanded his spacewalk experience with a successful repair-focused excursion that lasted more than eight hours, making it among the longest spacewalks ever performed.

"I did what I could to minimize the distractions," Feustel says of that mission. The spaceflight also served as a sobering reminder, he says, that the astronauts get all the "glory and recognition" while immense teams of unheralded support personnel may need to work around the clock to make a mission happen when something goes wrong. Feustel's focus in orbit thus became "trying my best to reduce the load of those folks." He then plunged into the training cycle anew, working to support other missions as NASA shifted its focus to long-duration stays in space.



Drew Feustel (right) and Greg Chamitoff on their first spacewalk of STS-134, which lasted more than six hours. The newly installed Alpha Magnetic Spectrometer 2 can be seen below Dr. Feustel. Since its installation on the ISS, AMS 2 has collected data on billions of cosmic ray events. Learn more: amso2.org.

Drew Feustel is now 53 years old. It's an age when you need to take time and effort to make sure your body stays fit, especially when preparing for a long-duration mission on the International Space Station. Astronauts exercise daily in space and follow a rigorous eating, moving, and working routine on Earth to keep mind and body fit.

It's a necessary focus. Space, simply put, can destroy you without careful attention. Microgravity shrinks bones and muscles. Radiation increases the risk of cancer. Many astronauts experience diminished vision after their time in orbit, which could be related to microgravity or something in the ISS environment. Why this happens is something NASA doesn't yet quite understand.

NASA once wanted to send people to Mars in the 1980s, but we now know it's a harder process than was ever imagined. Drew Feustel voluntarily subjected his body to more than six months of

weightlessness in 2018. The coup was becoming commander of Expedition 56, but the cost would be 197 days spent away from his family, followed by months more of recuperation.

In space, all astronauts undergo a rigorous set of experiments to see how microgravity affects their health. Before they even leave the Earth, baseline measures are taken of their balance, bone density, and muscle mass. The astronauts do their best to stay fit in space, including spending 90 minutes to two hours nearly every day exercising on a treadmill and a resistive device, both with accommodations for microgravity to stop astronauts from floating away. Then, in the moments after they arrive home, more measurements are taken, allowing doctors to build up a comprehensive recovery plan. The rule of thumb is each day in space requires a day of recovery on Earth, but generally astronauts are able to perform most normal duties in a few weeks and to start driving again within a couple of months.

In post-flight interviews, Feustel had time to recall the successes and challenges of his long stay in space. In nearly 200 days in orbit, the commander enjoyed the chance to speak to dozens of schoolchildren, participate in three more spacewalks, and assist with the arrival and departure of six cargo vehicles bringing needed supplies to the station. He also participated in an educational downlink with Queen's, connecting by video with students and professors (including Art McDonald) gathered in Grant Hall.

He and his crew also helped with more than 350 experiments. Among the new equipment they brought to the ISS was the Cold Atom Lab. This laboratory creates clouds of atoms, called Bose-Einstein condensates (BECs), that are cooled to a mere one ten-billionth of a degree above absolute zero, which is even chillier than the reaches of deep space. Here, scientists can examine atoms in a situation in which they have almost no motion, allowing better study of atom behaviour and characteristics. This was the first time that BECs have been produced in orbit.

BECs are created in atom traps, or frictionless containers made out of magnetic fields or focused lasers. On Earth, when these traps are shut off, gravity pulls on the ultra-cold atoms, so they can only be studied for fractions of a second. The persistent microgravity of the space station allows scientists to observe individual BECs for five to 10 seconds at a time, with the ability to repeat these measurements for up to six hours per day. Like most experiments on the space station, this one is automated, allowing data to be collected remotely while researchers on the ground analyze it and come up with results.



NASA

Drew Feustel answers questions during an educational downlink with Queen's University on April 6. You can watch the event video in the online and app versions of this story.

"It's an amazing experiment," Feustel says, adding it was also memorable to work on because it was such a challenge to set up on the ISS. But the science will be worth it, he adds, when results begin flowing in a few years' time. The study of ultra-cold atoms may lead to improvements in several technologies, including sensors that could help detect dark energy.

Dark energy is the energy in empty space causing the expanding universe to accelerate. Thought to drive space apart in a repulsive form of gravity, dark energy makes up nearly three-quarters of the energy budget of the universe, but its exact nature is, as yet, unknown.

The lessons learned from his previous missions echoed in Feustel's mind in 2018 as he saw events happen far outside of his control. During Expedition 56, a leak was discovered on one of the Soyuz spacecraft attached to the space station, necessitating an emergency plug. The minute hole was fixed with epoxy and gauze; an investigation is ongoing and should reveal the cause sometime this year. Feustel had also barely returned to Earth when the launching Expedition 57 crew experienced an abort en route to the space station. They were forced to the ground by a deformed rocket sensor. The Russians, however, quickly rectified the issue and safely launched the Expedition 58 crew on December 3 – a group that included another Canadian, David Saint-Jacques.

It's all part of the working life of an astronaut: Practise 'til it's perfect, minimize the distractions, identify the problems you know, find solutions, and keep building upon the knowledge of previous expeditions. ■

■
Follow Drew Feustel on Twitter and Instagram: @astro_feustel

Learn the fundamentals
of business in just 4 months

Graduate Diploma in Business

- Program runs May-August
- Earn credits toward an MBA
- Designed for recent graduates of any discipline
- Broaden your career prospects



For more information

855.933.3298
gdb@queensu.ca

smithqueens.com/gdb

Chelsea McCurdy

GDB'16
Sales Operations Analyst,
Top Hat

When your boss is an app: the downside of the gig economy

BY PHIL GAUDREAU

Alex Rosenblat (MA'13) has heard just about every story and perspective you can think of about Uber.

Her research has taken her to the passenger seats of dozens of Uber vehicles across Canada and the U.S., to driver web forums and blogs, and to coffee meetings with company representatives, all so she can understand what the transportation behemoth is doing, and why.

There's one place it hasn't taken her however – behind the steering wheel.

"I'm terrified of driving, so I would not drive for Uber," Rosenblat laughs.

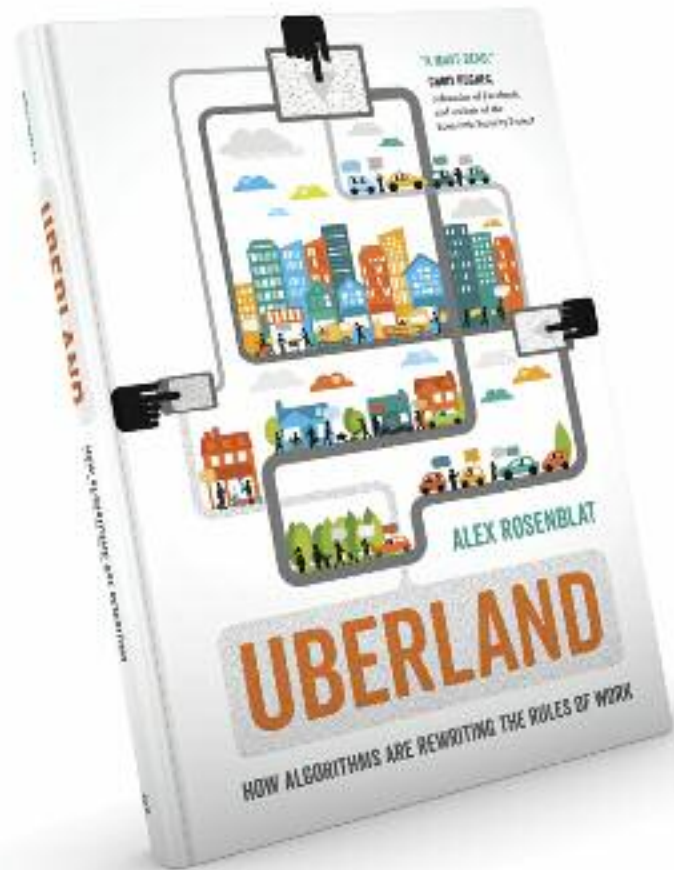
Rosenblat is a technology ethnographer who works as a researcher at the Data & Society Research Institute in New York. She has been writing about and researching Uber for years, leading up to the recent publication of her book, *Uberland: How Algorithms Are Rewriting the Rules of Work*. Her research is a thematic extension of her master's work in sociology, which focused on the way personal information is handled and shared.

"While Uber doesn't look that different from other taxi companies, they have innovated in the way they use technology and the way they leverage control over their independent contractor workforce. We all consume services algorithmically through Silicon Valley platforms, and Uber drivers are affected by similar practices through algorithmic management at work. This same concept could be exported to other industries."

Could having your work life managed by an app be all that bad? It depends whom you ask.

Ask 100 Uber drivers – err, "independent contractors" – for their opinion on driving for the company, and you might receive 100 different answers.

For some, Uber gave them work when no one



else would and the kind of freedom no other job would. Others, particularly full-time drivers, decry the company's constantly declining pay rates for its contractors and the somewhat insidious ways it exerts control over them.

Some look at the social good of Uber – their policy of accepting any passenger (so long as they are not banned), for instance, or the fact they tend to offer lower fares than traditional cabs. Others, however, worry about the company's dangerous precedents. The company claims that the driver-partner are not employees, and it continues to operate in cities where it doesn't have a legal permit to do so.

What is Uber?

Uber Technologies is a San Francisco-based technology company. The company's main product is an app called Uber that allows users to hail rides from people whom Uber hires as drivers.

Why is Uber so controversial?

Uber argues it is a technology company to exempt itself from the regulations that constrain existing taxi companies. At the same time, it labels its driver partners as “consumers” of its service, thereby allowing the company to avoid the liabilities associated with traditional employment.

As part of her research, Rosenblat has documented the many ways Uber drivers are managed by the very app they use to pick up customers. For example, Uber sometimes selectively withholds information that drivers could use to earn more money or make informed decision about the fares they accept. The company can punish drivers for cancelling fares – even if they take the drivers out of their way. Uber wants its driver-partners to provide a great experience that reflects well on the company, and it achieves this mainly by nudging its “independent contractors” to go above and beyond their contractual obligations. As Rosenblat writes in the book:

The data-driven Uber platform gives the company a wide view into how drivers do their work in certain aspects, although it lacks the ability to examine the more qualitative aspects of the job... Uber has at times implemented programs that monitor whether drivers’ phones are shaky, on the presumption that shakiness indicates a work habit that negatively affects how well drivers do their jobs.

“Uber likes to say its drivers are entrepreneurs and independent, but in my research these drivers have a boss: an algorithmic one,” Rosenblat explains. “Uber is trying to have it both ways – setting the rules, while also classifying its drivers as independent.”

When a driver who wanted to go home for the evening attempted to log out, Uber displayed the message “Your next rider is going to be awesome! Stay online to meet him.” Only then was he given another option: “Go Offline” or “Keep Driving”. Some drivers report that such a message can be tempting, especially when Uber alerts them to imminent surge pricing. For some, this means that even when they really are too tired to keep working, they continue.

“Surge pricing” is the practice of increasing the cost of a service during periods of peak demand.

Of course, if you have an issue with your work and your boss is an app, it’s difficult to take those problems to an algorithm to be resolved. And Uber drivers frequently experience challenges, ranging from pay discrepancies to unanticipated rate changes to negative reviews or feedback from customers, some of whom are merely trying to score a free ride. Still, drivers and customers continue to flock to the platform.

Studies in Canada and the U.S. have estimated Uber drivers to be earning little above minimum wage – and sometimes less – depending on their market and how many hours they work. Part-timers who only work during the highest demand periods tend to earn the highest hourly wages. Therein lies the appeal for some drivers – they can pick their own hours, based around their schedule, and only work when they feel like it. It’s a “good bad job,” explains Rosenblat. It is flexible, but also somewhat tenuous – decline enough rides or get a few bad reviews (justified or not) and you might find yourself locked out of Uber’s platform.

Uber has become the epitome of the gig economy, in which part-time and short-term contracts replace full-time permanent work. But where other companies are derided for their attempts to cut costs with casual labour, Uber has loyal followers advocating for its legalization. Editorials in some markets where Uber has been banned have questioned why local government is against “innovation.”

Despite the scandals it weathers, and perhaps because of its sustained coverage in the media, Uber is objectified as the future of work in the popular imagination. At the same time, the story of Uber is just one example of how we are all being played by the technologies that have become commonplace, because, simply put, we want to use them.

With this in mind, Rosenblat has some words of advice for policy-makers.

“Look at the health-care industry, where we have consistent rules and standards across different jurisdictions. What standards should we be holding the tech industry to?”

“When consumers lose trust in these technology institutions, it reduces trust in other institutions,” she adds. “The technology sector is still the Wild West, and they are now facing moments of accountability as large, political institutions. As this broader “tech-lash” [the backlash against the technology industry] is happening, we have an opportunity to set boundaries and demand accountability.”

Until that happens, expect to hear more from Alex Rosenblat as her research continues in the place she calls Uberland. ■

FACULTY OF
ENGINEERING AND
APPLIED SCIENCE

125



**125 YEARS
AND
BEYOND OF
ENGINEERING
EXCELLENCE**

Queen's Engineering alumni are global leaders, redefining how engineers tackle the challenges of our changing world. In honour of our 125th anniversary, we are proudly celebrating these leaders and groundbreakers by recognizing the accomplishments of 125 of our alumni, as well as students, faculty, and staff.

To learn more about our anniversary award recipients, follow us on social media and look for their stories in the next issue of *The Complete Engineer*. Email complete.engineer@queensu.ca to request a print or electronic copy of our magazine.

@queensengineer [facebook.com/queensengineer](https://www.facebook.com/queensengineer)

IN THE Wardrobe

In a light-filled room in Theological Hall, new worlds are being created with fabric, feathers, and unconventional materials. Shelves are filled with bolts of fabric and bins of lace and buttons. Here, students build costumes for two major theatre productions every year as well as for drama classes at the Dan School.

Under the direction of Wardrobe Coordinator Marianna Thomlison, students learn everything from basic stitching to budgeting and project management. Their goal is to create stage costumes that help bring a story to life for its audience. New costumes are created as needed, supplementing the collection of hundreds of donated and purchased suits, dresses, shoes, uniforms, and accessories. Many of the vintage pieces in the collection are quite delicate, so are not put into use for stage productions. Drama students use them for research and for inspiration in creating new pieces.

Coven Rose Madensky, Artsci'19 (left), and Alice Cameron, Artsci'20 (right), get assistance from Marianna Thomlison as they modify two of the dresses in the collection.

room AT THE DAN SCHOOL OF DRAMA AND MUSIC



Masks for the 2018 production of Aristophanes' *Birds* were designed by faculty member Clelia Scala and built by students in her mask-making class.

"We often use sewing patterns, and I teach students about sizing, fabric choice, cutting fabric, and building an outfit," says Ms. Thomlison. "I also teach them that sometimes it's necessary to follow the pattern exactly, and sometimes we just want to use it as a guideline to do our own thing."

That sounds like a good lesson for life, as well.

■ AG



TIM FORT

Frayed strips of brown and grey fabric sewn onto stretchy shells created realistic-looking bird costumes that allowed the actors in *Birds* to move around freely on stage.

BERNARD CLARK

KEEPING in touch

News from classmates and friends

Send notes to: review@queensu.ca

Phone: 613.533.6000 ext. 77016

Online edition: queensu.ca/alumnireview

Queen's Alumni Review, Queen's University
Old Medical Building, Kingston, Ont., K7L 3N6

To update your address or change your subscription from print to either the online or app version, email review.updates@queensu.ca.

The online subscription includes a quarterly email reminder when each issue is published. The *Queen's Alumni Review* app is available in the Apple app store, on Google Play, and in the Amazon app store.



Agnes Etherington Art Centre, 1883

Charcoal and gouache on print

The past and present merge in this view of the Agnes Etherington Art Centre by Shannyn Porter, Ed'18. "My current artwork involves images of the past and present as moments in time that can be tied together," says Shannyn, who is currently teaching art and English in Stockholm, Sweden. You can see more of her work at shannynporter.com.

Shannyn, a recent grad from the Artist in Community Education (ACE) program, displayed this piece at a group exhibition at McArthur Hall this fall celebrating ACE, which has been running for more than 30 years. ACE is designed for practising artists in visual art, music, drama, and creative writing. It qualifies graduates for Ontario College of Teachers certification.

Unless otherwise indicated, dates in these notes refer to 2018.

Up to 1959

Honours



In November, **John**, Com'48, and **Shirley Purkis**, Arts'41, were given the 2018 Outstanding Philanthropist Award by the Association of Fundraising Professionals South Eastern Ontario Chapter. The Purkises were honoured for their long commitment to programs both at Queen's and in the Kingston community, including the Commerce '48 Admission Award and Class Endowment Fund, Agnes Etherington Art Centre, Ban Righ Centre, St. John's Anglican Church, and more. They are seen here in the front row with other nominees.

Deaths



John Calderwood Alexander, BSc'59, died July 24 in Ottawa, aged 82. John, nicknamed "Ace" in his youth, graduated from RMC in 1958, and

from Queen's Electrical Engineering in 1959. He was a flying officer (navigator) with the Canadian Air Force for three years. In 1962 he began his career as an electrical engineer at Computing Devices Canada, where he remained, highly dedicated to his occupation, for 27 years. John loved spending quality time with family and close friends. Sunday mornings echoed with the sound of his piano playing. John is survived by his wife, Judith, children David, Meds'85, Stephen, and Susan, and their families.

Beatrice Margaret (Grant) Corbett, BA'44, MA'95, died Nov. 15. She is survived by her children Connie, Arts'69, Cathi, Artsci'76, Artsci'80, and Jamie, Artsci'76, Ed'90, and extended family. Bea was predeceased by her parents Constance and Leroy



Grant, BSc 1926, sister Constance Fraser Dickson, BA'34, former husband Casey Corbett, BA'43, and son Vaughan. Bea served as a WREN during the Second

World War at the secret installation at Gordon Head, Vancouver Island. There, she intercepted and decoded enemy communications. In 2017, she was awarded the Bletchley Park commemorative badge and certificate for her wartime work. Later in life, Bea worked with other WRENs to plan and establish the Navy Memorial Park in Kingston to honour all who have defended Canada in the Royal Canadian Navy and the Merchant Navy. Bea's pursuits included memorizing and reciting poetry, sailing the waters of Lake Ontario, reading and discussing books, and birding. She also loved to teach her grandchildren the nuances of English grammar, as well as proper bagpipe technique.



Robert Isaac Davis, BSc'49, died Sept. 22 in his 100th year. Robert is survived by his wife, Helen; children Barbara

Gilbert, Arts'67 (Rick, Sc'67), Eric Davis, Arts'70, MA'72, Ruth Spencley (Larry John MacKay), and Shirley Vollett, Artsci'77 (Jim); eight grandchildren and 15 great-grandchildren. Bob served in the Air Force during the Second World War, specializing in radar. He married Helen Bingham in 1944, enjoying 74 happy years of marriage. After getting his electrical engineering degree, Bob happily embarked on a 32-year career with Ontario Hydro. After retiring, he taught computer skills to seniors and electrical courses at Sir Sanford Fleming College. At the age of 63, he embarked on a two-year contract with CIDA, training young engineers in Bangladesh. He and Helen enjoyed many travels together. By example, Bob taught his family how to live life long and well.

Ruth (Holmes) Dubrule, BA'42, died July 19. Ruth studied English, French, and history at Queen's. She had many stories of life at Queen's during



the early years of the Second World War. Campus was male-dominated at the time and Ruth would recall with great relish being asked for dates

months in advance of upcoming formals. The Science Formal sometimes involved a dinner date with one young gentleman, the dance itself with a second, and an "after party" with a third. At that time, a "dance card" was not just a phrase but the long list of suitors who had requested a dance during the evening. Many of Ruth's classmates left the campus for the battlefields and skies of Europe and the seas of the North Atlantic. Some did not return, and all who did were changed by the experience. As for Ruth, her contribution to the war effort was to join the Wartime Prices and Trade Board in Ottawa upon graduation. This began a long career with the federal public service. Predeceased by her husband, Ray, who had attended Queen's prior to his enlistment, Ruth is survived by her nephew Frank McAuley Com'78 (Ruth-Anne [Nicholson], Artsci'76, Ed'77), and great-nieces Allison, Artsci'09, Ed'10, and Mairi McAuley, Artsci'13.



Mary (Shuren) Fisher, BA'48, died Sept. 30 after a long and full life. Mary is survived by Thomas Howard, her husband of 60 wonderful years; children Nancy, MIR'90, Sharon, and Susan; brother Alex Shuren, Meds'60, and extended family. Mary was the first female university graduate of her hometown of Kapuskasing, Ont. She was proud of that fact and also treasured the certificate she received from Queen's in recognition of the 70th anniversary of her graduation.



Jocelyn (Rutherford) Fyfe, member of Arts'56, died Nov. 19 in Kingston. Her husband of

64 years, Stewart, BA'49, MA'55

(Professor Emeritus, Political Studies), died Jan. 30. They are survived by their sons Andrew, Artsci'81 (Nancy), Douglas, Artsci'84 (Claire), and Peter, Ed'94 (Jennifer, Ed'95), and six grandchildren. An obituary for Stewart will be in the next issue.

James Haliburton, BSc'43, died Oct. 24. Predeceased by Yvonne, his wife of 61 years, Jim is survived by children Winona, Alexis, and Leslie; three grandchildren including Ailsa Robertson, Artsci'16; sister Mary Dhooge, Arts'50; and extended family, includ-

ing nephew James Haliburton, Sc'87 (Hillary [Brown], Sc'86). Jim was predeceased by his siblings Nancy and Ralph, BSc'48. After completing his BSc in chemical engineering, Jim served in the Canadian Army from 1943 to 1946. He went on to get an MASc at UBC and a diploma in business administration from the University of Western Ontario. In 1948, he began working at Imperial Oil Canada in Sarnia as a process/reservoir engineer. He retired in 1984. Jim was a member of Scouts Canada from Cub to Akela and continued to support the organization for the remainder of his life. He made lifelong friendships through the scouting movement. He was a faithful member of Knox Presbyterian Church and was an avid user and supporter of Calgary Public Library. During their life Jim and Yvonne established a planned gift to benefit the Queen's General Endowment Fund.



Robert Carl Heilig, BSc'55, died in February 2017 in Toronto, aged 83. Predeceased by his parents, Carl, BSc'29, and Elizabeth (Hillmer)

Heilig, BA'30, Bob is survived by his wife, Margaret (McGiffin), NSc'57, their four children, and his sister Margaret Rogers, Arts'72. While writing his final exams in electrical engineering, Bob reflected that he was in the wrong course. He wrote, "My life has not gone the way it should have. I am sure of that. I should have taken a BCom and gone into the brokerage business. I'd be a lot happier there." And so it was. He declined the job offer out west and, after doing some research on Bay Street, entered A.E. Ames and Company in the summer of 1955. He never looked back. It was an inspired move: he continued in the financial business, working on Bay Street, until he was 77. Bob always believed that engineering was as good a preparation for the financial sector as any other. "You have to have the math!" He remembered his time at Queen's fondly, both for the good friends he had there and the self-realization it inspired. He is greatly missed.

ARTS'43 ALUMNA HONOURED

Elizabeth "Betty" (Musson) Kawaley (Arts'43) had her hair straightened the day her ship was supposed to leave for university in Canada. "It was what you did in those days if you were going somewhere special," the 96-year-old remembers.

But it was 1939, and the Second World War had just been declared. "There were worries that it was too risky to travel," she says. The trip from Bermuda was postponed two or three times.

"By the time I was able to go, I had to have my hair straightened all over again!"

At night, her vessel travelled in total darkness, to avoid attracting the enemy. Betty arrived safely in Canada.

Today, Betty Kawaley is one of Queen's University's oldest alumni. In November, Principal Daniel Woolf presented her with a special certificate of appreciation when he visited Bermuda to meet alumni. Eva Hodgson (Arts'47) was also recognized at the reception with Principal Woolf.

At Queen's, Betty became best friends with her roommates, Anna (Kleinstauber) Wheel, Elnora (McCalpin) Sheppard, and Ruth Cordy. They always ate in the cafeteria together, and she stayed with their families during school holidays.

However, her time in Kingston wasn't always easy. "Some people in Kingston were appalled to see me," Betty says. "They'd never seen a black person before. But my

roommates, or sisters, as I think of them, would link arms with me and say, 'Come along.' Later, as the years passed, more people of colour came to the university."

After she graduated and returned to Bermuda, she

remained in contact with her old roommates, who frequently visited one another.

• • •

Betty Musson was a good student in primary school and won a scholarship to study at the Berkeley Institute [a prestigious high school in Bermuda]. "My parents could not afford the six pence a week in school fees," she says.

At 17, she won the first Bermuda Scholarship for Girls, a groundbreaking scholarship open to the girl with the highest exam score, regardless of race. "Most scholarships in those days were just for white people," her daughter Kathy explains. Betty's cousin, Marion (Trott) DeJean, (BA'43) actually scored the highest on the scholarship exam that year, and Betty the second highest, but it was decided that at 16, Marion was still too young to go away to university. Betty won the award instead, and her cousin followed her to Queen's the next year.

After university, Betty spent a year studying French in Paris, and then taught French at the Berkeley Institute and two other high schools in Bermuda. "I come across people a lot of times who say 'Oh yes, Mrs. Kawaley, she was my favourite teacher,'" says her granddaughter, Katrina Kawaley-Lathan, also a Queen's graduate (Artsci'05) and a teacher like her grandmother.

It was at Berkeley that Betty met her future husband, Solomon Kawaley, a science teacher originally from Sierra Leone. They were married in 1952, and had three children. Solomon died in 2013, just two days short of the couple's 61st wedding anniversary.

Not long after taking early retirement at 60, Betty started writing a book about her early childhood on Bermuda's Long Bird Island. During the Second World War, the U.S. Army paved over the little island to build a military base. She released *The Island That Disappeared* in 1995, and a second edition in 2013.

■ **Jessie Moniz Hardy**

This is excerpted from an article from the Bermuda Royal Gazette and is reprinted with permission.



Katrina Kawaley-Lathan and her grandmother Betty Kawaley

LIZ GORMAN



John Playfair, MD'53, died Sept. 6. He is survived by Mary, his wife of 62 years, four children, nine grandchildren, and three great-grandchildren. He had a

long and varied career. He went from rural Pender Harbour, B.C., to England to study surgery, then set up a general practice in Burnaby, B.C., and later, a private health assessment business in Vancouver before running a seniors' residence. Relocating to the U.S., he directed a branch of family practice at the University of Eastern Tennessee. He joined a group to open the first freestanding walk-in clinic in Chattanooga and then went on to do emergency room locums. John lived life to the fullest; he had endless energy for family life, professional life, and his many pursuits. He was keenly interested in physical fitness, travel, politics, and had legendary networking skills. Mostly, he loved people. He relished family

time, organized a Playfair reunion in 1998, and was the "keeper" of the family tree. He especially enjoyed his Queen's reunions, last attending in 2008. His Queen's blazer and tie were on display at his celebration of life.

Olive Marie (Anderson) Porter, BA'48, died Nov. 30, 2017, in London, Ont., aged 90. After graduating from Queen's, she got her first job with CBC in Toronto, then later moved to London. While raising four sons, she rose to become the director of the Consumer Debt Counselling Association of London. In retirement, she enjoyed extensive travel, opera, art, and the company of her many friends. Curious, well-informed, and a long-time advocate of women's rights, she always loved a good political discussion. Predeceased by her former husband, Hugh Donald Porter, BA'47, Olive is survived by her sons, four daughters-in-law, and seven grandchildren.

Morley Powell, BA'51, BCom'52 (MBA, Western), died July 21 after a wonderful 88-year journey. He is survived by his wife, Diane, children

Bruce and Jodi, and their families. Mo's happy, rewarding career in the food and beverage industries had him travelling all over Canada, Europe, California, and Australia. It also had his family living in Toronto, St. John's, Vancouver, and Oakville before Mo's retirement to Collingwood, Ont., in 1996. Mo had a cup-half-full attitude and a smile and warmth to light up a room. He loved big band music, cool jazz, Sudoku, football, skiing, golf, a perfect martini, and his many great friends. With the world to explore, canoes to paddle, boats to sail, golf and tennis balls to hit, cottages to enjoy, gondolas, chair lifts, tuktuks, rickshaws, horses, elephants, and camels to ride, plus a 652-pound bluefin tuna to catch in Newfoundland and Labrador, Morley's life was good!

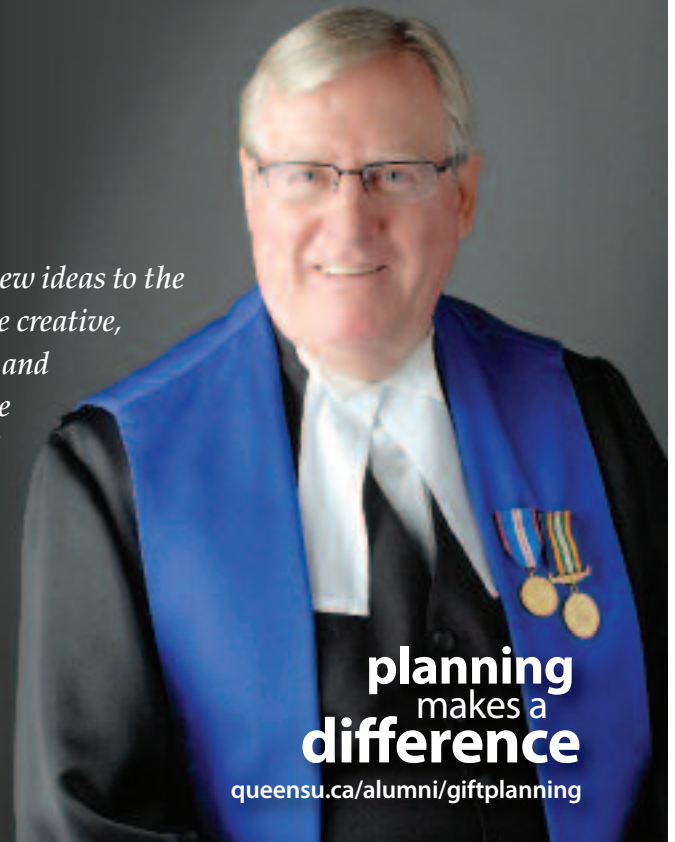


William John "Jack" Prout, BSc'51, died Aug. 27. Predeceased by his wife, Gwen, and son William, Jack is survived by his sons Bruce, Paul,



"I see my bequest as a way to bring new ideas to the Queen's community, to look forward, be creative, be courageous, envision better things, and enhance the future experience of education."

The Honourable Hugh F. Landerkin, QC LLB'67
Queen's University alumnus,
Retired Judge, Provincial Court of Alberta and
Bequest donor



**planning
makes a
difference**
queensu.ca/alumni/giftplanning

and Michael, Com'85, and their families. Jack's years at Queen's remained an important touchstone, often recounted with a focus on the value and benefits of education, hard work, and dedication. As a one-time high school drop-out, Jack lived these values first-hand in order to gain acceptance to Queen's and then to complete his degree in chemical engineering. During summer breaks, he worked as a lab assistant at St. Marys Cement Company in St. Marys, Ont., After graduation, he joined the company as chief chemist. With Gwen, he undertook to build – by themselves – the house that remained the family home for 50 years. Jack spent his working career with St. Marys Cement in a progression of positions that involved successful product development, institutionalization of quality control, introduction of new technologies to the industry, development of new manufacturing facilities and modernization of existing ones, as well as important involvement with the Canadian Standards Association and the Portland Cement Association. His career brought him back to Queen's in the 1980s to present a series of seminars to raise the profile of the cement industry among engineering students. Jack remained a supporter of Queen's throughout his life and never forgot the formative influence of his years in Kingston.

Ruth (Agulnik) Rischall, BA'46, died Sept. 11, aged 95. Predeceased by her husband, Maurice, Ruth is survived by her seven children, 21 grandchildren, and nine great-grandchildren, as well as two siblings. Ruth had a lifelong passion for learning and languages. She fought hard for her opportunity to go to university, against her parent's wishes. Ruth worked and saved money to make her dream come true. During the war, she worked for the Canadian government as a censor, reading letters to and from German POWs. At Queen's, she excelled, earning medals and scholarships for her studies in French and German. Once her children were old enough to be independent, Ruth returned to school, auditing classes at the University of Minnesota. There, she

studied linguistics, Dutch, Hebrew, Russian, and Farsi.



Nicholas Anthony Rizzo, MD'58, died Oct. 1. He is survived by his wife, Margaret, five children, and 12

grandchildren, including LeeAnn Sverko, Artsci'18. Nick was a lifelong supporter of Queen's. He had a wonderful career as a family physician, professor at McMaster University's Department of Family Medicine, and medical director of St. Joseph Hospital in Hamilton, Ont. He also had a long list of accomplishments, including being named, in 2017, the Italian-Canadian citizen of the year by the Order Sons of Italy in Hamilton. Nick was a loving, compassionate, kind, and humble man.

1960s

Honours



Mike Carson, Sc'69, was honoured by Curling Canada with the prestigious Ray Kingsmith

Award, presented to a volunteer who exemplifies dedication both to their local club and to the sport nationally and internationally. As a volunteer, Mike was president of the 1988 Canadian men's brier organization and chair, for eight years, of the Canadian Masters Curling Championship volunteer committee. As a sportsman, he has earned more than 25 provincial championships. "Curling is a lifetime sport," says Mike. "It's never too late to start!" He's seen here with Lise, his wife of 46 years. They met – where else? – at a curling club.

Notes



Last July, **Graham McCallum**, Com'61, hiked the Kungsleden Trail above the Arctic Circle in Sweden, hut to

hut from Abisko to Nikkaluokta. At age

91, Graham was the oldest hiker to complete this trek since records have been kept of hikers on the trail. Graham is pictured here with his son Ian and grandson Tim.

Deaths

Mary Anne (Campbell) Anderson, BA'67, died Oct. 14, with her husband John, PHE'65, MDiv'67, at her side. After graduation, Mary and John moved to Anna (near Owen Sound), then to Toronto and Scarborough, followed by Regina, Sask., and later to Listowel, Ont., before settling for the last 32 years in Cambridge, Ont. Mary worked as a teacher in Owen Sound, was a full-time parent to her four children, and then returned to school to obtain her master's degree in psychotherapy. She worked as a secondary-school counsellor with at-risk youth before being hired as an employee assistance counsellor. She worked in this capacity until her retirement. She loved cross-stitch, quilting, and various other handicrafts. But most of all she loved her growing family and her wide circle of friends. She was an active member of her church. Mary is deeply missed by John and their children Kristan, Jeremy, Michael, Sc'96, MSc'00, and Jennifer, as well as ten grandchildren. Her passing is also grieved by her twin sister Elizabeth, Arts'66, and her brothers John and David, and by countless friends who have been touched and transformed by her warm and generous capacity to love.

Merrill Bogart, BA'62 (Med, Ottawa), died Oct. 16, aged 86. He is survived by his children Susan, Nancy, and Janis, and extended family, including eight grandchildren and three great-grandchildren. While Merrill battled the last few years of his life with the challenges of idiopathic pulmonary fibrosis, he frequently expressed how grateful he was for having such a full life with great family and friends. Being an active member of the Ottawa Hunt and Golf Club and hosting pool parties with friends and family brought him many years of happiness. Merrill dedicated his life to education as a teacher, vice-principal, and principal with the Ottawa Board of Education for 35 years. Always active and up for a challenge, he was

passionate about improving everything he did, from sports, including golf, hockey, curling, and skiing, to hobbies like woodworking, photography, gardening, and music. He was particularly proud of his early success as a hockey player at the Junior B level in Ontario.



Albert Allan Brown, BA'63, LLB'67, died Oct. 20. Predeceased by his wife, Dottie, Allan is survived by his children Laurie-Ann,

Artsci'90, Ed'91, and Douglas, Law'00, and extended family. Allan was a longtime employee of CN Rail.

James Franklin ("Frank") Scott, BSc'61, MSc'63, died on July 7. He is survived by Anita, his wife of 55 years, daughters Heather and Andrea, and extended family. Frank had very fond memories of his years at Queen's and enjoyed reminiscing with his Science '61 classmates at their reunions.

John David Smith, BSc'60, MSc'62, died at home in Kingston on July 23, a month shy of his 82nd birthday. He is survived by his wife, Betty Jean, and sons David, Sc'88, Ian, Artsci'01, and Evan. After graduation, John spent his career consulting at mines all over the world. He specialized in rock mechanics and underground mine design and was known as one of the grandfathers of rock mechanics. Outside of his professional life, John was an avid golfer, bird watcher, hunter, and collector of antique furniture, tools, and golf clubs. Those who knew John might consider a donation in his name to the A.V. Corlett Memorial Bursary at Queen's University. The bursary was established by students of Professor Corlett, a longtime head of the Department of Mining Engineering. The bursary is awarded on the basis of financial need and promising ability, the same criteria used by Professor Corlett to administer student funding provided to his department by the mining industry. (Queen's University, Commemorative Giving, 99 University Ave., Kingston, Ont., K7L 3N6. Please make cheques payable to Queen's University.)

Ollan White, BA'60, MA'68 (Psychology), (BEd, MEd, U ofT), died Oct. 29 in Kingston, in his 83rd year. He is survived by Wyona, his wife of 34 years, and extended family. Ollan was a lifelong learner and a born teacher. He began his teaching career in Kingston, then went to Petawawa, then the North Bay Teachers' College and Nipissing University. In North Bay, Ollan was involved in the North Bay Power and Sail Squadron, becoming its commander, 1978-1979.

1970s

Family news

John, MDiv'75, and **Joyan Mathew**, MTS'93, are back in Ontario after a two-year stint in New Zealand. There, John served St. Andrew's Church, in Gore, South Island. He also learned how to make rosemary-braised lamb shanks with red wine. Now John and Joyan are at Trinity United Church in Malton, near their home in Mississauga.

Susan (McDougall), Artsci'78, Law'81, and **David Charlesworth**, Comp'85, are settling into their new home in Iqaluit, after Susan was appointed a judge of the Nunavut Court of Justice (and the courts of appeal of all three territories). Susan and David lived in Iqaluit for two years between 2013 and 2015, while

Susan took a leave from her position as senior review counsel at Queen's Legal Aid; they are happy to return to the North.

Job news



Wendy Rheault, PT'78 (MA, PhD, University of Chicago) was appointed interim president of Rosalind Franklin University of Medicine and Science in Chicago. Previously, she was provost of the university. Wendy is an expert on interprofessional health sciences education and team-based practice. In 2018, she was given the Distinguished Alumni Award (Physical Therapy) by the Queen's School of Rehabilitation Therapy.

Notes



Christine Cheung, Artsci'75, Artsci'76, writes, "Our group of Queen's alumni friends travelled together again for our third reunion

FRIENDS FOR 40 YEARS

These PHE'79 friends came together recently to honour one of their own: Kevin Whitaker. Kevin was diagnosed with a very aggressive form of Parkinson's disease with Lewy bodies. The diagnosis required Kevin to step down from his work as a judge on the Superior Court of Ontario, a job he loved and which had him, according to many, headed to the Supreme Court of Canada. Kevin turned to painting as therapy: he has had three gallery shows since April. There was also a documentary made of Kevin's new career as an artist: *Chasing*



Monsters: Parkinson's and the Power of Art. Seen here recreating their 1977 snapshot are Jim Dobenko, Rob Armstrong, Brian Dumouchel, Dave Hood, Kevin Whitaker, and Bob Hollands. Thanks to Kevin's partner, Marie Moliner, Artsci'80, for the photos and update. We'll have more on Kevin and his PHE pals in an upcoming issue. ■



SUPPLIED PHOTO

in June 2018. We went on a cruise touring England, Scotland, and Ireland. We made a special trip to visit Queen's University at Belfast in Northern Ireland, which was opened a few years after our own Queen's University at Kingston. Though the weather in that region is usually unpredictable, we were blessed with sunny and dry weather on our entire cruise. We had a great and memorable cruise, enjoying time with each other and renewing our friendship of more than 40 years. We cannot wait to plan for our next get-together soon!" Seen here at Queen's University at Belfast are: Paul Chan, Artsci'76, and Christine Cheung; Leon Wing-King, Sc'75, MSc'81, and his wife, Lily Wong; Eric Cheong, Sc'74, and his wife, Susan; Peter Cheung, Sc'74, and his wife, Elsie; Eugene Wing-King, Sc'75, MSc'78, his wife, Susan, and their son Gary.

Jacquie Houston, Arts'73, has recently retired. She would love to hear from former classmates. Email her at jaqhouston999@gmail.com.

Andrew Pipe, Arts'70, Meds'74, LLD'01, was appointed chair of the Heart & Stroke national board of directors in November. Andrew is Canada's foremost expert on smoking



cessation and was instrumental in the development of the widely adopted Ottawa Model for Smoking Cessation at the University of Ottawa Heart Institute. He is also recognized as one of Canada's leading experts in cardiovascular disease prevention, physical activity, and health. Earlier in November, he received the Tony Graham Award in recognition of his outstanding volunteer achievement as a member of Heart & Stroke's provincial advisory board for Ontario. He has also been extensively involved in elite sports and sport medicine for many years. The former president of the Commonwealth Games Canada, he also served as a physician at 12 Olympic Games and is currently the team physician for Canada Soccer's women's national team. He also served as chair of the Canadian Centre for Ethics in Sport from its inception until 2003.

Deaths

Adrienne Alison, BA'76, died Nov. 24. Adrienne was an unusual combi-

nation of artist and scientist. After studying art history at Queen's, she received a BSc (Art as Applied to Medicine) from U of T, then studied maxillo-facial prosthetics at the University of Michigan. She founded the Department of Restorative Prosthetics (Head and Neck) at Sunnybrook Hospital, which she directed and ran, and was an assistant professor in biomedical communications at U of T. After 10 years at Sunnybrook, she moved on to creating portrait busts and monumental sculptures. She sculpted in the classical tradition and created public monuments featuring Canadian historical figures, including General Sir Arthur Currie, James Beaty, Bishop Strachan, and C.W. Jefferys. Adrienne also created the ACTRA Award statuette. Her portrait busts and other commissions are found in corporations and private collections in North America and England. Adrienne was perhaps best known for her bronze and granite 1812 monument on Parliament Hill, the only sculpture there that commemorates "ordinary" people. Adrienne served on University Council (1997 to 2007) and received the QUAA Alumni Achievement Award in 1994. Adrienne is survived by her sister, Karen, Artsci'76, and children Alicia and Callum Owen, Kin'15. A celebration of Adrienne's life is planned for the spring. For details, contact aacelebration2019@gmail.com. You can read more about *Adrienne Alison's work in the 2015 Alumni Review* story "Bringing history to life." queensu.ca/gazette/alumnireview/stories/bringing-history-life

Dino Basso, BSc'71, died Aug. 21 in Montreal. He is survived by his wife, Helena, and their three children. Dino was a mining engineer who travelled the world for his work, from Labrador to Saudi Arabia. An avid gardener, he especially loved to grow garlic. Queen's friends can share their memories of Dino at forevermissed.com/dinobasso.

Beverley Boyd, BA/BPHE'70, BEd'71, of Belleville, Ont., died unexpectedly March 18, with her husband of 42 years, Terry (Arts/PHE'70, Ed'71) at her side. Bev is also survived by her son Ryan, sister Gail, and extended

RUGBY REUNION COMING UP

In July 1979, a touring party of 55 players, partners, children, and adventure-seekers set off on what would be a truly remarkable trip.

Over the course of a month, members of the Queen's University Old Boys Rugby Football Club (QUOBRFC) played rugby in Hawaii, Australia, New Zealand, and Fiji. In addition to playing some wonderful rugby, we were introduced to a variety of cultures and local traditions that are still vividly remembered by most of us!

On Aug. 24, 2019, a 40th anniversary gathering will celebrate that memorable trip. Join the QUOBRFC at the Donald Gordon

Conference Centre in Kingston. We have put a hold on a number of rooms for people coming from out of town. The reunion committee is organizing an evening that will remind those in attendance of what was and what they may have forgotten! As part of this trip down memory lane, we are collecting slides and photos to build a visual reminder of the trip. This rendezvous is sure to create new memories for the next 40 years.

If you are in the picture below and have not already heard about the reunion, please contact one of the organizers:

Peter Taylor, Com'70: peter@pstaylor.com
905-434-6037

David Cook, MSc'71, Meds'75:
djcook@me.com 613-547-1609

Dave Loucks, Artsci'79:
david.loucks@londonlife.com
416-948-1769

Rick Powers, PHE'78, MBA'83:
powers@rotman.utoronto.ca
416-268-7186. ■



SUPPLIED PHOTO

The Queen's University Alumni Association presents the
ALUMNI AWARDS GALA
Saturday, April 6, 2019



**ALUMNI ACHIEVEMENT
AWARD**

David Dodge, Arts'65, LLD'02



**RISING STAR
VOLUNTEER AWARD**

Stephanie Beakbane, Artsci'12



**MARSHA LAMPMAN BRANCH
VOLUNTEER AWARD**

Nicholas Godwin, Artsci'11

ALUMNI HUMANITARIAN AWARD
Kirsti Mathers McHenry, Law'03

ALUMNI MENTORSHIP AWARD
David J. McConomy, MBA'69

**ALUMNI AWARD FOR
EXCELLENCE IN TEACHING**
Steven Lamontagne, Artsci'15, MSc'17

**HERBERT J. HAMILTON
VOLUNTEER SERVICE AWARD**
Stacy Kelly, Artsci'93
John Purkis, Com'48
Shirley Purkis, Arts'41

OUTSTANDING STUDENT AWARD
Cam Yung, Artsci'18

ONE TO WATCH AWARD
Donna May Kimmaliardjuk, Artsci'11

INITIATIVE OF THE YEAR AWARD
Aboriginal Alumni Chapter –
Indigenous Student
Alumni Recruitment
Call Campaign

Recipients will be honoured at the
Queen's University Alumni Association Awards Gala
on Saturday, April 6, 2019
at Ban Righ Hall, Queen's University

For more information and to register, please visit queensu.ca/alumni/gala

Submit a nomination for the 2020 QUAA Awards at queensu.ca/alumni/awards



QUEEN'S UNIVERSITY
ALUMNI ASSOCIATION

family. Bev spent her entire 37-year teaching career at Bayside Secondary School, particularly enjoying her last 20 years as teacher/librarian and student council adviser. She was passionate about reading, research, and learning. Bev was very active in politics and community service, serving in both local and provincial capacities in the teachers' federation, and playing a pivotal role in federal election campaigns for area candidates. She supported and sat on the boards of several community organizations both during her career and in retirement. Her shared passion with Terry was rescuing and adopting homeless cats. True to her giving nature, the house was always full of grateful strays and there was always room for one more.

Ian Clifford Campbell, BA'71, died Oct. 8, 2017. Ian is survived by his wife, Nancy; siblings Sandra, William, MPA'88, and Jack; and extended family. He was predeceased by his parents, Norah and Clifford Gillesby Campbell, MD'38. After graduating from Queen's, Ian entered the financial field. He is remembered by his many clients as both their professional financial consultant and their friend. An expert equestrian, Ian was also a naturalist who delighted in observing and nurturing wildlife. A great animal lover, he adopted a number of equine, feline, and canine family members.



Judy (Stoute) Moore, BA'71, MBA'75, died Dec. 6. She is survived by her husband, Robert, MBA'75, children Ainsley, Devon, and Blair, Artsci'10, two grandchildren, and extended family. Judy was a lover of golf, curling, good food and wine, travel, laughter, and, most of all, friendships. She was a professional chartered accountant for more than 40 years, and was active in a number of charities.

Waldemar (Waldo) Gundrum, MDiv'78, died Dec. 6 in Guelph, Ont. He is survived by his wife, Heather-Anne Compton Wright, and children David, MPL'16, and Dawn. Born on a



farm near Lodz, Poland in May 1943, Waldemar was the 12th child of an established farm family of mixed Polish and German heritage. In 1946, Waldemar and his family relocated to West Germany to start a new life near the city of Hanover. In 1958, amid Cold War tensions, Waldemar arrived in Canada to live a life free of political turmoil. Attracted to the open spaces and tranquility of Northern Ontario, he found prosperity working in the mines and smelters of the Sudbury basin. Through his work as a local union steward and as a member of a local church, Waldemar embraced opportunities to further his English skills and immerse himself in Canadian culture. On the advice of his pastor, Waldemar completed a BA in history and political science at Laurentian University in 1975. He went on to earn his master of divinity degree at Queen's and a doctorate at Drew University in Madison, N.J. Throughout his 30-year career as a minister, Waldo led congregations in the Maritimes, Quebec, Ontario, and the U.S. Following retirement, he and Heather-Anne settled in Guelph to be close to their children. An avid outdoorsman, Waldo enjoyed hunting and fishing and took great pride in his beer- and wine-making hobbies.

George William Watson, BSc'70, MBA'72, died Nov. 30. He is survived by his wife, Sheila (Smith), Arts'72, children Eric, Tara, and Scott, seven grandchildren, and extended family. George started his career in banking with CIBC in Toronto where, amongst other duties, he had responsibility for the Dome Petroleum account. Liking what they saw in the talented young man, in 1981, Dome hired George away from CIBC as the vice-president of finance. In this role, he assumed responsibility for Dome's restructuring effort, one of the largest in Canadian history at the time. In 1990, George became the CFO for Trans-Canada Pipelines; three years later, he would become the company's president and CEO. With his son Eric, George went on to found a company

that later merged into what is now Critical Control Energy Services Corp. George served as Critical Control's CEO and then as chairman. He also served in numerous directorship and advisory roles for a myriad of companies and non-profit associations, including the Conference Board of Canada, Queen's Board of Trustees, TD Bank, and the Calgary Olympic Development Association. He was an active fundraiser and contributor to Queen's and many other charitable causes. In 2002, he received the Johnson Award from the Calgary Branch of the QUAA, in recognition of all he did for the Queen's and Calgary communities.

1980s

Honours

In December, two members of the Queen's community were honoured by the Kingston Historical Society. **Paul Banfield**, MA'85 (History), was recognized for his contributions to the acquisition, management, and preservation of, and access to, local history. Paul has been the Queen's University archivist since 2006. **Laura Murray**, Artsci'87, was honoured for her work as director of the Swamp Ward and Inner Harbour History project and its new approach to examining Kingston's history. Laura is a professor of English at Queen's.

Charles Gordon, Artsci'86 (MA, UBC; LLB, U of T), is a 2018 recipient of the honorary title of Queen's counsel in British Columbia. Appointees are nominated by their peers, selected by an advisory panel and recommended to the province's attorney general for their exceptional legal work and distinguished accomplishments in areas such as continuing legal education, community volunteerism and mentorship of new legal professionals. Charles is a senior partner at Koskie Glavin Gordon, Vancouver, practising in the areas of labour, human rights, and administrative law. Previously, he was an in-house labour counsel and senior counsel to the British Columbia Labour Relations Board. He is the former president of the CBABC labour section and is a member of

We're working hard to drive environmental change.

At Coca-Cola, we've teamed up with WWF to reduce our impact on our planet. By improving energy efficiency across our entire business and introducing Canada's first ever heavy duty hybrid electric trucks, we've reduced our overall carbon footprint by 11% in just two years. As you can see, we're committed to delivering more than just refreshment.

To learn more about what we're doing and why we're doing it, join us at livepositively.ca



the advisory committee for the Queen's University Centre for Law in the Contemporary Workplace and a member of the British Columbia Law Institute Employment Standards Act reform project committee. He also volunteers with Access Pro Bono and the CBA's lawyer referral service. Charles is the son of John Gordon, Professor Emeritus and former dean of the School of Business.



Dieter Poenn, PGME'88, was honoured by the Ontario College of Family Physicians (OCFP) with its 2018 Reg L. Perkin Ontario Family

Physician of the Year Award. The award is the OCFP's highest honour, presented annually to a family doctor who provides exceptional care to patients, while significantly contributing to the health and well-being of communities and society. During his 30-year career, Dieter has provided all facets of rural medicine, from his office-based practice to

emergency department and in-patient care at local health centres in the Little Current, Ont., region. An early advocate for interprofessional collaboration, his support for nurse practitioners allowed him to be instrumental in establishing Manitoulin's first family health team. Extending the scope of this team to involve physician assistants has further enhanced the delivery of care in his community. One of his priorities has been collaborating with and maintaining practices on the local First Nations of Wiikwemkoong and Aundeck Omni Kaning.

Family news



Kelly Fern, NSc'88, sent us this Homecoming photo of her with her daughter Marina Scott, NSc'20. Marina was giving

tours of the nursing building and labs to returning Queen's alumni.



Lorna (Plant), Artsci'87, Law'89, and **Paul St. Louis**, Artsci'85, MA'86, Law'89, watched with great pride as their twin sons, Charles and Christian, received their Bachelor of Science degrees (Mathematics and Statistics) at convocation last June. Christian is continuing his studies at Queen's at the Smith School of Business Master of Management Analytics program in Toronto. Charles is working in Toronto with a blockchain startup company. Charles and Christian are also the nephews of Archie St. Louis, Com'82, Fay Plant, Artsci'85, Margo Plant, Artsci'94, and Sevak Manjikian, Artsci'94. Seen here: Charles, Lorna, Paul, and Christian.

Bringing professional development to volunteers!



2019 Alumni Volunteer Summit

April 5-6, 2019
Donald Gordon Centre
Queen's University



Thank you to our sponsor



CELEBRATE

CONNECT

LEARN

For full details, visit queensu.ca/alumni/avs

Notes



In September, **April J. Boyd**, Artsci'86, (MD, PhD, U of T) became the first female president of the Canadian Society for Vascular

Surgery. April is a vascular surgeon at the Health Sciences Centre in Winnipeg. She is married to David Kuhn, Sc'82, PhD'88, head of Mechanical Engineering at the University of Manitoba. April and David's youngest son, Ryan Kuhn, is in first-year physics at Queen's.

Mary Evans, Mus'83, Ed'84, recently celebrated the publishing of her first novel, *Crying Won't Bring Her Back*. Retired from teaching, Mary lives in northern Ontario where she is busy working on her second novel.

Nathan Higgins, Sc'88, recently completed a master's degree in sports leadership from Concordia University Chicago. In addition to his work as senior V-P and global director at Hatch Corp., Nathan is the director of men's hockey operations at Mount Royal University in Calgary.

1990s

Honours

Helen S. Walsh, Artsci'91, has been awarded a notable professional accreditation from the Association of Fundraising Professionals, that of Advanced Certified Fundraising Executive (ACFRE). Helen is the director of advancement at Albert College in Belleville, Ont.

Job news

Gesta Abols, Artsci'97, has moved law firms and is now a partner at Fasken in Toronto, working to build upon an already talented group of M&A lawyers. Fasken is a full-service law firm with offices in Canada, the U.K., South Africa, and China.

In June, **Trent Keough**, PhD'92 (English), became president and CEO of Keyano College, in Fort McMurray, Alta. In December, Trent was re-elected for a third term as board chair for the Alberta Rural Development Network.



Recently, **George Kveton**, Artsci'92, CEO of Invictus MD Strategies Corp., was interviewed on BNN

Bloomberg's show "*The Close*," along with his company's chief evangelist officer, musician Gene Simmons. George was named the CEO of the cannabis company in November. Here's George, on the right, with Gene and "*The Close*" host Catherine Murray.

In October, **Siobhan Roberts**, Artsci'94, joined the Max Planck Institute for the History of Science for a term as journalist-in-residence. During her residency in Berlin, Siobhan conducted research for her newest project, a biography of the Swiss-American mathematical logician Verena Huber-Dyson. A noted science journalist who has written for *The New York Times*, *The New Yorker*, and *Quanta*, Siobhan is the author of *Genius at Play: The Curious Mind of John Horton Conway*.

Notes

Travis Armour, MA'94 (Economics), headed to the Yukon and now works extensively with Yukon First Nations and non-profits as a governance/economics consultant. His company, StrategyNorth (strategynorth.com), has worked on projects such as ending homelessness in Whitehorse, reforming social assistance, and an economic study of the efficacy of aquaponics technology to support northern food security. A Mahones-inspired musician, Travis lives on a big lake in front of the mountains, right out of a postcard, and still visits Queen's every few years. Here's Travis's dog, Cade, at home on the lake.



In October, **Peter Bly**, Professor Emeritus (Spanish), accompanied by his wife, Margaret,

Artsci'83, was invited to give a lecture at the Northrop Frye Centre, Victoria College, U of T, by his former grad student Bob Davidson, MA'98 (PhD, Cornell). Bob is now the director of the Northrop Frye Centre. An associate professor of Spanish and Catalan at U of T since 2002, Bob was recently appointed chair of the Manuscript Review Committee at the University of Toronto Press. Professor Bly also had the surprise pleasure of reuniting with two more of his students at the lecture: Victoria Toll, Artsci'95 (MBA, Kellogg) and Mike Field, Artsci'99. Victoria spent 20 years working for the Danish multinational carrier Maersk, primarily in Chile and the Canary Islands, before being appointed director of transportation at Home Depot Canada. Mike continued his Spanish studies in a master's program at U of T before becoming a professional jazz musician. Both Bob and Victoria worked as hosts at the Canadian Pavilion during the 1992 Universal Exposition in Seville, Spain. Another host, reports Professor Bly, was Katie Maclean, MA'95 (Spanish), who, after obtaining her PhD at Duke University, is now an associate professor of Spanish at Kalamazoo College, Michigan. Seen here: Mike Field, Victoria Toll, Peter Bly, and Bob Davidson.



Robert Murdoch, Artsci'91, recently reunited with **Sharon McDonnell**, Artsci'91, on a TV production. At Queen's, the

two were part of a group of four in Film Studies who did their final thesis together. They are seen here atop Rainbow Glacier outside of Whistler, B.C. Robert was the production manager and Sharon the set costumer for a Syfy television pilot.

**KINGSTON WATERFRONT
TOWNHOUSE CONDO**

LAKE ONTARIO

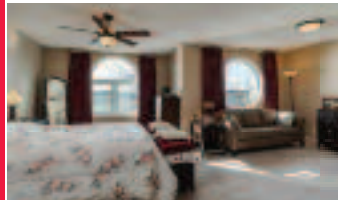
www.CommodoresCove.ca



Steps from Lake Ontario Park and the Cataract Golf and Country Club. Over \$100,000 in updates by the same owner over the last 19 years.



Custom kitchen with ceramic flooring, hardwood in living / dining room. Lots of natural light from the waterfront facing windows. Sliding glass door to new waterfront facing deck.



3 bedrooms, including large master suite with gas fireplace and \$30,000 custom master ensuite with glass shower.



Finished basement with gas fireplace. Single car garage with inside entry, and driveway allows for parking for two cars, with visitor parking.

1098 King St. West, Unit 3, Kingston
\$475,000 • MLS® K18006845



Rod White
Direct
613-540-4404



Office: 613-544-4141



Matt White
Direct
613-540-4417

Sales Representatives
www.WhiteRealEstate.ca

2000S

Births



Lisa (Woodcock) Hood, Artsci'04, and her husband, Jeff, are pleased to introduce Maggie,

born July 23 in Guelph. Her big brother Patrick is very proud and adores entertaining her. Lisa is keeping up her volunteering during maternity leave, including with the QUAA Board of Directors and University Council.

Commitments



In celebration of 10 years together, **Martha J. Baldwin**, Artsci'07, MIR'08, and **Joel C. Lemoyre**, MPA'08, were married on June 1 in Port Hope, Ont. The couple first met at

Queen's in 2008 during a joint MIR and MPA class held in the School of Policy Studies. After graduation, their relationship continued to blossom as they commenced their respective public sector careers at the municipal and provincial government levels. The couple was thrilled to have many friends and family from across Canada in attendance to celebrate the day. Of special note were Dr. Rev. Douglas Throop, Artsci'76, who presided over the marriage service at Port Hope United Church, and E. Lynn Brown, Sc'69, who provided a reading. After honeymooning in Ireland and England, the couple returned to their adopted home of Cobourg, Ont. Joel works as an account manager with the Ontario Ministry of Municipal Affairs and Housing in Toronto and Martha works in labour relations with the Treasury Board Secretariat of the Ontario Public Service.

Dylan Fettes, Sc'09, Artsci'10, and **Laura von Hagen**, Kin'11, recently celebrated their one-year wedding anniversary. They met at a Homecoming party in 2008 and began dating a few weeks later. Their relationship has spanned several continents over the past 10 years, and



they finally tied the knot in October 2017 in Banff. Their wedding party included nine fellow Queen's alumni.

Honours

Rebecca Van Iersel, Artsci'01, Meds'05, was honoured by the Ontario College of Family Physicians with a 2018 Award of Excellence. Rebecca, a physician in Orillia, Ont., was recognized for her clinical and strategic leadership to advance the North Simcoe Muskoka LHIN's opioid crisis response and its medical assistance in dying, mental health, transgender, and musculoskeletal programs.

Deaths



Hillary Anne (Morrow) Taylor, BSc'02, died Oct. 7 in Burnaby, B.C. She was the cherished wife of Warren and loving mother

to Isaac (seven) and Paige (four). After graduating, Hillary worked at the Canadian Intellectual Property Office in Ottawa before moving to Health Canada in Burnaby. She was a senior inspector with Health Canada medical devices section. She won a number of awards for her work and was respected and beloved by her colleagues. Hillary's family and friends were the centre of her world. To all of Hillary's Queen's friends: she loved you dearly. Thank you for being a part of her life. She had grit, determination, and the most beautiful smile in the world. A celebration of her life will be held at St. John's Hall in Bath, Ont., on April 27 from 2 to 5 pm.

2010S

Births

Jacob Tétreault, Sc'14, MSc'16, and **Jade Watts**, OT'16, welcomed their first child, daughter Harper Pierre Tétreault on Nov. 6 in Vernon, B.C. Harper is the first grandchild for

Karen Bright, Artsci'79, and Michel Tétreault, PhD'94, and the first great-grandchild for Dorothy and Ron Bright, Sc'56, and great-niece for Kathy (Bright) Manfredi, Artsci'80, Mark Bright, Artsci'86, and Paul Bright, Artsci'86.

Commitments



Kathleen Moxley, Artsci'10, and **Sam Kester**, Sc'10, were married in Ottawa on Sept. 15. The wedding party included multiple Sc'10s – Cary McGee (Colleen Smith, Sc'10), Michael Dutton, Chris Wolfert (Danielle Mignault, Ed'10), Katherine Little (Alex Kay, Artsci'12) – as well as the groom's brother Ted Kester, Sc'13, and Amanda Fowler, Artsci'10. Family members in attendance included David Healy, Sc'70, Wendy Barber, Ed'72, Josh Kester, Artsci'98, and Rebecca Truscott, Artsci'98. More

than 25 Queen's alumni joined the couple in celebrating their special day.

Family news



Maria (Varlan), Artsci'10, and **Graham Garrett**, Sc'09, MSc'12, were married June 3, 2017 after more than eight years together. They moved back to

Ottawa in the fall of 2017 and welcomed their son George Montgomery Garrett on Aug. 28 2018.

Job news



Austin Vanarsdall, Artsci'13, is now a lieutenant (junior grade) in the U.S. Navy. He received his "wings of gold"

as a naval aviator in September after two years of flight school. He will be

flying EA-18 jets, based out of Whidbey Island, Wash.

Notes

Aarondeep Bains, Law'14, was recently appointed to two positions. He is now president of the South Asian Bar Association – Toronto Branch. "This is the largest diverse bar association in Canada and the umbrella organization is the largest of its kind in North America," reports Aarondeep. "I serve a membership of more than 500 lawyers in the Greater Toronto Area on advocacy, networking, and professional development matters." He has also been appointed to the Committee of Management of the St. George's Society of Toronto, one of the oldest charitable organizations in Canada.

Michael Murphy, MA'17 (Politics), was elected as a school board trustee representing Kingston and Frontenac Islands for the Algonquin and Lakeshore Catholic District School Board. Michael is the youngest trustee elected in the school board's history.

Congratulations to our **Branch Award** recipients



The Padre Laverty Award
KINGSTON BRANCH
Sue Bates, Artsci'91



The Jim Bennett Award
KINGSTON BRANCH
Judith Brown, Arts'70



Thank you for all you do for Queen's and your community.

Learn more about this year's recipients and the QUAA Branch awards at queensu.ca/alumni



RICHARD PAGE

Celebrating 25 years at Herstmonceux Castle

The Bader International Study Centre celebrates 25 years of teaching and learning this year. BISC alumni and friends are invited to a special weekend at Herstmonceux Castle on June 29 and 30. Learn more: queensu.ca/bisc/alumni/castle-25-celebration.

Share your favourite castle memories! Email castle.25@queensu.ca (or share on social media using #Castle25).

queensu.ca/alumni/events

Ottawa

Ottawa Art Gallery reception

The Ottawa Cha Gheill group hosts a special private reception and tours of the new Ottawa Art Gallery on March 27.

Cha Gheill luncheon

Join us on May 1 at the Royal Ottawa Golf Club. Our special guests will discuss longevity.

Toronto

Gael Force dinner

The annual celebration in support of the Gaels Football Club takes place at the Fairmont Royal York on March 23. Come out and meet the Gaels' new head, coach Steve Snyder.

Cha Gheill luncheon

Join us for lunch on May 2 at the Weston Golf and Country Club. Guest speaker Sherry Aiken, Associate Professor (Law), will discuss immigration and refugee laws and the controversy surrounding them.

Fifth annual MBA Connect event

Save the date! Our annual celebration of the Smith MBA family takes place at Steam Whistle Brewing on June 18. Find more on SmithConnect.com.

Kingston

Kingston Branch Awards dinner

On June 5, join the Kingston Branch to honour Sue Bates, Artsci'91, the Padre Laverty Award recipient, and Judith Brown, Arts'70, the Jim Bennett Award recipient.

Boston

Curling on the cape

Our annual trip down the cape to the Cape Cod Curling Club takes place March 2. Curlers of all ages and abilities are welcome.

Your magazine Your way



print
subscription



online subscription



app

queensu.ca/yourmagazine

marketplace

To place your ad, email advert@queensu.ca



marjorie COOKE
SALES REPRESENTATIVE

ALWAYS A WISE CHOICE!
COOKE
cookekingston.com

613.453.2067
marjorie@cookekingston.com
ACCREDITED SENIOR AGENT

ROYAL LEPAGE
PROAFFILIANCE REALTY BROKERAGE
INDEPENDENTLY OWNED AND OPERATED

80 Queen St., Kingston, ON T613.544.4141 F613.548.3830

REAL ESTATE

Ottawa Real Estate. Buying or selling in the nation's capital? Let me put my 31 years experience to work for you! References gladly provided. Jeff Rosebrugh, Artsci'81, Sales Representative, Royal LePage Performance Realty. Toll free 1.877.757.7386. jeff@jannyjeffandshan.com. www.jannyjeffandshan.com.


TRAVEL/VACATION RENTALS

Rainforest Ecolodge in south Pacific Costa Rica owned and operated by Maureen (Sc'81) and John (Sc'78) Paterson. 10% off for Queen's Alumni. info@riomagnolia.com, www.riomagnolia.com



Get the app!

my ISABEL
5TH ANNIVERSARY SEASON



SEE MONSTERS
BY DEAN HUNT &
BRACKEN HANUSE CORLETT

ISABEL BADER CENTRE FOR THE PERFORMING ARTS

THE KA'TAROHKWI FESTIVAL OF INDIGENOUS ARTS

CURATED BY DYLAN ROBINSON

FEBRUARY – MARCH 2019

TANYA TAGAQ • NATIONAL ARTS CENTRE ORCHESTRA
DIGGING ROOTS • JEREMY DUTCHER • DEAN HUNT • BRACKEN HANUSE CORLETT • LISA COOK RAVENSBERGEN • TANYA LUKIN LINKLATER • FILMS in collaboration with imagineNATIVE
RESURGENT VOICES PANEL DISCUSSION with LEANNE BETASAMOSAKE SIMPSON, GERALDINE KING & BETH PIATOTE



Queen's UNIVERSITY

The Ka'tarohkwi Festival of Indigenous Arts Benefactor ISABEL & ALFRED BADER FUND, A BADER PHILANTHROPY

TICKETS:
queensu.ca/theisabel
(613) 533-2424
(M-F, 12:30-4:30 PM)



KINGSTON CANADIAN FILM FESTIVAL

FEB 28-MAR 3

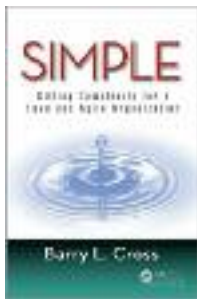
TICKETS ON SALE NOW @ KINGCANFILMFEST.COM

EX *libris* **New books by faculty and alumni**



“[W]ith the exception of the war years 1915–18 and 1940–44, football has been played continually at the university since 1882 – more than 125 seasons. During that time the school has grown from its small beginnings to stand in the top ranks of Canadian universities. There have been wars, depression, rapid industrialization, immigration, humans on the moon, and the threat of thermo-nuclear extinction. But through it all, except for those two short periods, Queen’s has played football.”

Merv Daub, Com’66, Professor Emeritus (Business), has updated his 1996 book *Gael Force*. In its second edition, *Gael Force: A History of Football at Queen’s, 1882–2016* (McGill-Queen’s University Press) adds the years 1995 to 2016, covering the era of coaches Howes and Sheehan, the Gaels’ 2009 Vanier Cup win, and the construction of the new Richardson Stadium.



Barry Cross, MBA’96, is the author of *Simple: Killing Complexity for a Lean and Agile Organization*. The complexities of managing in today’s world both obscure decision-making and layer on challenges that bog an organization down. By understanding who their customers are and what they want, leaders can focus innovation strategy and projects in ways that deliver sustainable value.

Even in not-for-profit and government agencies, executing in an aligned organization can become the profitable standard business process. Mr. Cross is an assistant professor and distinguished faculty fellow of operations strategy at Smith School of Business. *Simple* is his third book.



M. Ann Hall, Arts/PHE’64, has written *Muscle on Wheels: Louise Armaindo and the High-Wheel Racers of Nineteenth-Century America* (McGill-Queen’s University Press). Challenging the understanding that bicycling was a purely masculine sport, *Muscle on Wheels* tells the story of women’s high-wheel racing in North America in the

1880s and early 1890s, with a focus on a particular cyclist: Louise Armaindo (1857–1900). Among Canada’s first women professional athletes and the first woman who was truly successful as a high-wheel racer, Armaindo began her career as a strongwoman and

trapeze artist in Chicago in the 1870s before discovering high-wheel bicycle racing. Initially she competed against men, but as more women took up the sport, she raced them too. The story of working-class Victorian women who earned a living through their athletic talent, *Muscle on Wheels* showcases a time in women’s and athletic history that is often forgotten or misconstrued. Dr. Hall is professor emerita in the Faculty of Kinesiology, Sport, and Recreation at the University of Alberta.



Jean (Bangay) Mills, Artsci’78, MA’80, is the author of the YA novel *Skating Over Thin Ice*. It’s the story of Imogen St. Pierre, a celebrated musical prodigy whose life is about to be disrupted by a hockey-playing classmate with troubling celebrity issues of his own. *Skating Over Thin Ice* has been nominated for a 2019 OLA

Forest of Reading Red Maple Fiction award by the Ontario Library Association. The OLA called the book “a thoughtful, moving, powerful story about what it’s like to be gifted and exceptional – and still young.”

William C. Reeve, Professor Emeritus (German) is the co-author, with John McIntyre, of *John Doan & Ebenezer Doan: Canadian Quaker Master Builders & Cabinetmakers*. Brothers Ebenezer and John Doan were Quaker pacifists who left the Philadelphia area to settle in Upper Canada in Sharon, Ont., north of Toronto. The illustrations in this hardback gift edition include historical images, family photographs, and examples of buildings and furniture created and built by the Doan brothers.



Rhéni Tauchid, Artsci’88, is the author of *Acrylic Painting Mediums and Methods: A Contemporary Guide to Materials, Techniques, and Applications*.

Developments in the pigment industry have given acrylics a remarkably permanent, rich, and abundant palette, making it the

favorite medium of many contemporary artists. As colours are being developed, their chemical components are also enhanced for better texture and handling. There are now acrylic mediums for thinning, thickening, glazing, molding, pouring, texturing, and dozens of other uses. Even experienced acrylic painters can be intimidated by the number of products. Ms. Tauchid simplifies this daunting subject, clearly explaining each type of medium and suggesting ways it can enhance your painting practice. ■



ALUMNI AFFINITY PARTNER



Not all surprises are good ones.

Especially the ones that could cost you hundreds or thousands of dollars a year — like a sprained knee, a medical emergency abroad or even a broken tooth. That's why there's **Alumni Health & Dental Insurance**.

It can help protect you against the cost of routine and unexpected medical expenses not covered by your government plan*. Coverage options include dental care, prescription drugs, massage therapy, travel emergency medical and more. The icing on the cake is that it helps you keep more money in your pocket — and who doesn't want that?



Get a quote today. 1-866-842-5757
or **Manulife.com/Queens**

Underwritten by **The Manufacturers Life Insurance Company.**

Manulife and the Block Design are trademarks of The Manufacturers Life Insurance Company and are used by it, and by its affiliates under licence. ©2018 The Manufacturers Life Insurance Company. All rights reserved. Manulife, PO Box 670, Stn Waterloo, Waterloo, ON N2J 4B8.

*Conditions, Limitations, Exclusions may apply. See policy for full details.

Accessible formats and communication supports are available upon request. Visit Manulife.com/accessibility for more information.

TD Insurance
Meloche Monnex

An exciting benefit for you as a Queen's University graduate.
Get preferred rates and coverage that fits your needs.



You **save** with **preferred insurance rates.**

Take advantage of your alumni benefits.

You have access to the TD Insurance Meloche Monnex program. This means you can get preferred insurance rates on a wide range of home, condo, renter's and car coverage that can be customized for your needs.

For over 65 years, TD Insurance has been helping Canadians find quality insurance solutions.

Feel confident your coverage fits your needs.
Get a quote now.

Proudly supporting



HOME | CONDO | CAR

► Get a quote and see how much you could save!
Call **1-866-589-5656**
or go to **tdinsurance.com/queensualumni**

