



The magazine of Queen's University Kingston, Ontario

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In good company

Finding Franklin's ship(s)

On top of the world



The Queen's international **EXPERIENCE**



















Issue 4, 2014, Volume 88, Number 4 Serving the Queen's community since 1927 queensu.ca/alumnireview



WORLD

COVER STORY

The Queen's international experience

Meet some of the international members of the Queen's community on campus. Learn about Queen's programs and research partnerships in China, international exchanges and what's new at the BISC.



FEATURE REPORT

Finding Franklin's ship(s)

Learn about the people who located *HMS Erebus* in Nunavut's Queen Maud Gulf... and one historian who first discovered the Franklin Expedition ships in Watson Hall.



FEATURE REPORT

In good company

The Queen's Summer Innovation Initiative brings together students to launch innovative businesses. Meet QSII's newest entrepreneurs.

BY ANDREW STOKES, ARTSCI'13, MA'14

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A special insert from the Office of Advancement: Report to benefactors



Hello, world!



In this issue, we explore international aspects of Queen's. What does it Imean to be an international university? Who are our international students? What opportunities do we create for Canadian students to study internationally? Which Queen's professors are creating global research partnerships? There are so many initiatives happening on campus (and around the world) that we could only provide a sample of the many people and programs that contribute to Queen's growing internationalization. Accordingly, our cover story comprises a series of short articles, touching on different pieces of the international experience. You'll also see numbers on international enrolment throughout the magazine. Every year, the Office of the University Registrar provides an enrolment report to Senate. At press time, we used current numbers of international students available. It's worth noting that these may change slightly by the time the 2014/15 enrolment report is released in December.

You may think of Queen's campus as being relatively quiet during the summer, but that's not always the case. Innovation Park at Queen's University was humming with activity all summer long. Our feature report on the Queen's Summer Innovation Initiative introduces you to four new companies launched through the program.

Also in this issue, we have stories from the Canadian North, from Chancellor Jim Leech's trek to the magnetic North Pole to support Canadian soldiers to the Queen's connections with the recent discovery of HMS Erebus, one of the ships of the lost Franklin Expedition.

In the online *Review*, we highlight a number of Queen's initiatives in China, from student programming to faculty research. We also have new alumni spotlights online, including a piece on sports agent Elliott Kerr, MBA'75, and musician Jim Cuddy, Artsci'78.

Shortly before we went to print, the Queen's community was saddened by the news of the death of Jerry Doiron, the inaugural director of the Isabel Bader Centre for the Performing Arts. We take comfort in the fact that Jerry was able to attend the grand opening of the Isabel and to see the result of all his hard work on behalf of Queen's University and the arts community.

Post-script and a correction

Donald Douglas read, in our last issue, about the donation of Norah McGinnis's 1934 chemistry medal to Queen's. Mr. Douglas had in his possession the 1909 Queen's medal of Professor J.A. McRae, his uncle and Dr. McGinnis's Queen's supervisor. Mr. Douglas has kindly donated this medal to the Queen's Archives.

Unfortunately, in the last issue, we misspelled the name of Dr. Nick Duesbery, Artsci'87, who found and then donated Dr. McGinnis's medal to the Department of Chemistry. I apologize for this error.

As always, I welcome your comments about the magazine. Contact me by phone or email and, if you're on campus, drop by my office (ground floor, Richardson Hall) to say hello.

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The Mission of the OUAA

"To reach out and foster a lifelong association with Queen's, to engage our members in the life and work of the university, and to serve the alumni community in all its diversity."

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The *Review's* new look

A note to congratulate you all on the changes you've made to the Alumni Review. To my eye they are subtle, yet effective, in that the larger type (for this aging alumnus) is easier to read and the additional white space is attractive.

The layout continues to be superior to most of the publications I regularly receive (e.g.; Smithsonian and The New Yorker).

Keep up the good work!

Douglas R. Shane, Arts'72, Vershire, VT

Queen's in the First World War

I was surprised to see the photo of the Queen's Hospital Corps in the Review (Issue 3, 2014) and realize that my uncle was in that photograph.

My mother's older brother, Lyell Campbell Spence, was a medical student at Queen's when he decided to enlist after serving in the Officer's Training Corps. He was accepted into the army on March 30, 1915 and went overseas, arriving in England on May 15. He served in the Dardanelles, Egypt and France. He was seconded to the Royal Flying Corps as a lieutenant and trained as an observer. He was one of the observers for the artillery attack at Vimy Ridge. He earned the Military Cross. He was wounded on May 24, 1918 while flying as an observer with 3 Squadron of the RFC and died of his wounds May 25, 1918. His grave is in France.

As family genealogist, I have many photographs of him. Some are of him in uniform on the Queen's campus, but I had never seen this formal portrait until you published it.

Thank you.

Helen Gordon, Meds'53, Waterloo, ON



Dr. Gordon's uncle, Lyell Spence, a member of the class of 1917, is standing at the far left in this photo from the 1917 Queen's yearbook. We didn't print the names of the students in our campus flashback photo in the last issue, but here they are. Let us know if you can tell us anything about the other students in this photo. Standing: L.C. Spence, H.J. Inman, W.F. Chown, H.F. Austin, J.H. Odell. Seated: J.M. McIlquham, A.B.C. Throop, R.E. Shields, A.R. Merrill.



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letters

Remembering Dr. Hugh Thorburn

I want to extend my condolences to Professor Thorburn's family (In Memoriam, Issue 3, 2014). Whenever I had a chance, I took one of his courses. They were always fascinating and I loved his dry wit.

I remember visiting his office one day – probably to ask for an extension on an essay. At the time, I had an old army surplus canvas knapsack that I loved then, and miss now, because I thought it looked cool with my long scarf and pea jacket (it was the '80s, remember!). After we chatted about the essay, he started to ask me about my knapsack. He told me that he had one just like it, and how he had to look after it as part of his kit, when he served overseas (I think in Holland) during the Second World War. He attentively listened to his students and could connect to them.

In later years, we crossed paths at a constitutional conference at York University and we had a chance to catch up as if we had just stepped out of a seminar in Mac-Corry. I am sure I am one of a host of people with similar stories.

Thank you, Professor Thorburn.

Jonathan Batty, Artsci'88, MPA'90, LLB'93 (Osgoode), Toronto

Finding the Isabel

Interesting article in the current issue on the new building (Issue 3, 2014). The concert hall sounds like it will be for Queen's and Kingston the quality mid-sized performance space that the Chan Centre is for UBC and Vancouver. One thing, though: maybe you could have let those of us who no longer live in Kingston know where it actually is a little more precisely than "on the Kingston waterfront."

David Thomson, Artsci'74, Law'78, Vancouver

The Isabel is located at 390 King Street West, between Ellerbeck Street and Livingston Avenue. The site was previously known as the J.K. Tett Creativity Complex. The J.K. Tett Centre, next door to the *Isabel, is owned by the City of* Kingston, and is home to a number of community arts organizations.

Good advice

I was moved by Blake Bennett's note to the class of 2014 (Issue 3, 2014) for its honesty and clarity.

As an Artsci from the class of '77, I first wondered how I would make ends meet. Essay research and writing had taught me just about all I would ever need to know about the magnificent defence of Rorke's Drift 135 years ago, not to mention other stellar moments in South African history. Shortly after, I only saw real value in a BComm until my love of essay writing helped me hit my stride as a financial writer. Nearly four decades later, I still appreciate that an early commitment to learning, regardless of your focus at the time, can propel you to careers you never imagined.

Evan Thompson, Artsci'77, Toronto

More letters

In the online Review, David Haughton, Sc'65, PhD'71, writes about Dr. Peter Roeder, Professor Emeritus, Geological Sciences. Dr. Haughton remembers Dr. Roeder as a great scientist and also a bit of a practical joker. Also online, Melvyn Swain, Arts'59, Diploma in Business Administration'60, MBA'62, discusses how the new Oueen's Graduate Diploma in Business program is the return of a great idea. In 1959, Mr. Swain took part in a new Diploma in **Business Administration** program, which, he found, was a great introduction to the world of business. ■



"It's the opportunities that extend beyond the classroom that make the Queen's experience."

- Eve Purdy, Queen's Faculty of Medicine Class of 2015 Participant, Tanzania Global Health Elective

We understand now more than ever the growing importance of a global perspective on critical health issues. Queen's students are working all over the world on global health initiatives. But these opportunities don't happen without alumni support. Make your gift to the 2014-15 Queen's Annual Appeal

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On becoming an international university

This year, Queen's welcomed new undergraduate students from all 10 Canadian provinces and one of the territories. That's consistent with our positioning for the past century as a national institution. Also included in the class of 2018 are students from 51 countries around the world. As of October, there are 1,973 international students undergraduate and graduate - studying at Queen's. Internationally, these numbers show that we fare reasonably well, though we are not the best known Canadian university overseas, even with fiercely loyal alumni in more than 150 countries.

Yet we can and should do better. I've spoken elsewhere of the need to make Queen's a truly international university, and now, at the start of my second term as principal, internationalization has become one of four "drivers" in our five-year Strategic Framework. [bit.ly/QAR41401] International activities are now firmly embedded in the performance plans of every vice-principal and dean, and we have committed resources to both the recruitment of undergraduate and graduate students (with immediate results – a doubling of our undergraduate visa students this year), and to the establishment of global research partnerships. As I write this, I will be joining a delegation to London of Canada's research-intensive universities (the U15) to meet with our counterparts, the "Russell Group" of British universities. Meanwhile, we continue to provide opportunities for our own students to go abroad on exchange and encourage the development of "internationalization at home" - curricula that adopt a global perspective in our classrooms.

I'm personally very committed to internationalization and I come to that perspective naturally. I'm an immigrant, born in the UK and holding dual citizenship; I returned to the UK for graduate school and for 30 years have had active collaborations with scholars in Britain and dozens of other countries. I am also aware as a historian that the origins of the university in medieval times lay in bringing students from various countries together into a "universitas," an institution that by its very definition was international.

People sometimes ask me why we should internationalize: after all, internationalization is not without cost, and Queen's seems to have no shortage of domestic applicants; we were indeed one of only a couple of Ontario universities to exceed its enrolment targets this past year. There are many



good reasons for "going global" more aggressively than we have done. Quite apart from the obvious one of making a Queen's experience available to students from abroad (such as the several refugee students we have admitted with the aid of generous donors such as Dr. Alfred Bader - himself a prime example), it is in the university's long-term interest to do so. For one thing, we are entering a demographic downturn in the Canadian university age population, and we want to ensure that we continue to attract the best and brightest. For another, international students enormously add to the diversity of our campus culture. On the

research side, there is a direct correlation between collaboration with international research partners and success in external funding competitions. Finally and most obviously, if one looks 20 years downstream, the flourishing universities will be those that have diversified their base beyond their home countries and differentiated them-

"[T]he origins of the university in medieval times lay in bringing students from various countries together into a 'universitas'"...

selves from their Canadian peers. And the prosperity of the province, and the country, will depend on attracting international talent to our shores, with a post-secondary education being a primary gateway to permanent residency.

Becoming better known internationally will not happen overnight; it will take institutional commitment lasting long beyond my time as principal. We've already been on this path for a while. It's time to quicken the pace.



The Queen's international experience

People come from around the world to study or work at Queen's University. Meet four members of the Queen's international community on campus.

BY MEREDITH DAULT, MA'11



🔥 🎵 hen she graduates with her degree in geological engineering, Mariem Tahra Abdou Ahmed Labeid won't have to go looking for a job: she already has one. Ms. Labeid, who is from Mauritania in northern Africa, is studying at Queen's on a full scholarship from the biggest mining company in her country. Ms. Labeid has already signed on to work for the company once she finishes her studies in 2017. "I want to do as much as I can while I am here," she says of being away from Mauritania for the first time. Because English is her third language (she also speaks Arabic and French), Ms. Labeid spent a year studying at the Queen's School of English before embarking on her degree in January 2013. "I still have to work hard on every subject," she says. "I review everything when I get back to my apartment after class. It takes me time to do my readings because I have to look up words, but I think I'm improving." Ms. Labeid remembers arriving in Kingston for the first time to a winter far more frigid than anything she had ever imagined. Her older brother, who was studying at Queen's at the time, met her at the airport with a winter coat. She also remembers trying to decipher the ins and outs of Canadian culture in her first year on campus. "I didn't understand a lot of what was going on, things like how I was supposed to act or react things like that," she says. Now readying herself for her fourth winter, Ms. Labeid is very comfortable on campus, and thinks Queen's is a great place to be an international student. "I had never dreamed of meeting so many people from different backgrounds and cultures. I'm learning so many new things."

After completing his master's degree in an **1** economic history and development studies program at the University of KwaZulu-Natal in his native South Africa, Sachil Singh wasn't sure what to do next. Looking for ideas, he sat down with a former professor who pointed him to David Lyon and the Surveillance Studies Centre at Queen's. Feeling encouraged, Mr. Singh sent off an email inquiring about the possibility of studying with him. "And within a few hours, there was a response from David Lyon," he recalls. "I was quite taken aback that he had responded to me!" More than five years later, Mr. Singh is in the latter stages of his doctoral degree under the supervision of Dr. Lyon. Mr. Singh has spent that time looking at the negative social consequences of credit scoring in South Africa. When he's not at his studies, Mr. Singh trains with the Queen's Karate Club (he has a third-degree black belt in two karate styles) and works at the Queen's University International Centre, where he enjoys supporting incoming students from around the world. "I've always been fascinated by the differences and similarities among people from different cultural backgrounds," he says. He recalls a key Queen's moment as finding himself in an impromptu conversation with a group of classmates and realizing that among them were a Hindu, a Christian, a Muslim, a Buddhist and an atheist. "Halfway through the conversation I stopped to self-reflectively acknowledge it," he says. "Too often religion is the cause of conflict, but here we were, a group of friends, trying to find a better way forward. For me, it was an important and unique experience."



there are 1,973 international students at Queen's, from 110 countries:

988 are undergraduates and **985** are graduate students.

Source: Office of the University Registrar.



Cieun An studies human behaviour in a social Context. She is also interested in how people conceptualize emotion. "It is the key to understanding a lot of human behaviour," she explains. Originally from South Korea, Dr. An moved to the U.S. to pursue her post-secondary education. After receiving a BA from SUNY Albany, she carried on to New Mexico State University where she earned her MA and PhD in experimental psychology. When she heard that Queen's professor Dr. Li-Jun Ji was looking for a researcher to work in her Culture and Cognition Lab, however, Dr. An saw an opportunity she knew she couldn't pass up. "Dr. Ji is known worldwide for her work in cross-cultural psychology and social cognition," she says. "I knew it was a good fit for me." When she landed the position, Dr. An made the drive from Las Cruces, New Mexico to Kingston with her cat, Leo. "I was astonished by how beautiful the campus was," she says, recalling her first impressions upon arrival. Dr. An used her first pay cheque to buy herself a bike, which she regularly uses to tool around Kingston. "I like biking out to a café to read." Dr. An has enjoyed the supportive research community she has found at Queen's as well as its diversity. "I am impressed by how multicultural Queen's is," she says. After she completes her one-year term at Queen's, Dr. An will head to China for a fellowship in neuroscience at Peking University and – she hopes – a future in academia. "Eventually, I want to be a professor at an institution like Queen's," she says. "I like teaching, but I don't want to give up research. Queen's has a good balance of both."

 \bigcap hen he arrived on campus as a nervous exchange student more than a decade ago, Matthias Spitzmuller had no idea how much it would change the course of his life. Stepping off the bus in August 2002 for a term in Canada, the German native admits he felt a little lost. That's when a passing student, who noticed his distress, stopped to help him get his bearings. "It gave me a positive feeling that lasted for weeks," he recalls. In fact, Dr. Spitzmuller still looks back on that time as one of the best periods of his life. "Part of it was the Queen's University International Centre they do such a wonderful job of making people feel like they're part of the community," he says. But just as important were the many friends from around the world that Dr. Spitzmuller made while on campus. A year after returning to Germany, he made a trip to Mexico to visit one of them, Jessica Rangel Rojas: the pair later married. After earning a PhD in organizational behaviour at Michigan State University, doing some consulting work in Germany, and working as an assistant professor at the National University of Singapore, Dr. Spitzmuller heard about a job at Queen's School of Business. When he learned he had landed it, he and his wife (who now have a son) celebrated with a bottle of champagne. Back in Kingston since July, Dr. Spitzmuller says Queen's still holds the same charms for him that it did 12 years ago. "What I really hope is that my family and I are here for the long run," says Dr. Spitzmuller, who admits he still finds it funny to work side-by-side with the people who were once his professors. "This is a place where I know we can put down roots."



The Queen's experience in China

Zhiyao Zhang is the China Liaison Officer for Queen's University, based in Shanghai. During a summer visit back to Kingston, Dr. Zhang gave us an update on his work.



- **Q:** You have been Queen's China Liaison Officer since 2007. What does that role entail?
- A: My job is to act as a bridge between Queen's and China, helping our faculties build academic partnerships and research collaborations, as well as supporting recruitment initiatives and alumni relations. China is one of Queen's priority regions internationally and so I'm also working closely with Kathy O'Brien, Associate Vice-Principal, International, to develop a China strategy that will support the comprehensive international plan that is currently in development.
- **Q**: Queen's has been very active in China recently, in terms of recruitment, academic programs and research. Are there any projects you would like to highlight?
- A: The School of Business has a new Master of Finance program with Renmin University, and Queen's recently signed a training agreement with the Chinese Ministry of Land and Resources. We are also working to finalize a joint two-plus-two degree program, in environmental sciences and biology, with Tongji University in Shanghai. Students would do two years of their degree at Tongji and two years at Queen's. It will be our first international two-plus-two program. The Faculty of Engineering and Applied Science is also exploring new joint programs and other initiatives with Chinese institutions.

- **Q**: You mentioned one of your jobs is to promote research collaborations in China. Is there interest at Oueen's in research on China?
- A: I've been seeing more and more Queen's faculty members interested in working in China. It provides a wonderful laboratory for any field of research, simply because of its population size and its stage of development and growth. There are many issues and questions for researchers to study and there is much interest in China in collaboration with Canadian researchers. We have been working to help build platforms for research collaboration, such as the Sino-Canada Network for the Environment and Sustainable Development in partnership with Tongji and involving other Chinese institutions, including Fudan University, also in Shanghai.
- **Q**: Queen's also offers many exchange opportunities in China. Do you see those experiences as valuable for students?
- A: Even a short time abroad has an eye-opening and inspirational value for students. A good example is Queen's Semester in Shanghai program, coordinated by the Department of Languages, Literatures and Cultures, in partnership with Fudan. Queen's students study at Fudan and, new this year, the program becomes a true exchange with 12 Chinese students coming to study at Queen's.
- **Q**: China is currently the largest source of international undergraduate students for Queen's. Do you see Canada and Queen's continuing to be an attractive destination for students?
- A: Canada remains a favoured destination for parents and students and the trend of sending students overseas is not slowing, it's growing as the number of families that can afford it also grows. I think Queen's offers something special to Chinese students – an exceptional undergraduate education where our faculty members are very accessible to students. I think the relationships Queen's has built with top institutions in China will continue to grow and have a positive effect on our reputation and our ability to attract top students.

■ Craig Leroux

This article originally ran in the Queen's Gazette.

A sample of Queen's partnerships with universities in China

Tongji two-plus-two

The first class of the joint two-plustwo degree program, in environmental science and biology, with Tongji University in Shanghai is due to enrol in September 2015. Brian Cumming, Director, School of Environmental Studies, led the development of the program. "This program will benefit students at both universities by providing a diversity of perspectives, hopefully leading to an enhanced understanding of global environmental issues," he says.

Master of Finance program, Renmin University

The one-year M.Fin. program started this fall. Canadian and Chinese students study in Beijing with professors from both Queen's and Renmin University's Hanqing Advanced Institute of Economics and Finance. Finance professionals from both countries take part as guest lecturers.

Semester in Shanghai, Fudan University

Originally a program of Queen's Department of Global Development Studies, and offered since 2005, the exchange program is now open to third and fourth-year students in Arts and Science. Dr. James Miller (Languages, Literatures and Cultures) leads the program, which pairs each Queen's student with a Fudan student for a core course. In addition, the students are offered a number of elective courses, in language, history, religion and culture.

The Queen's School of Policy Studies (QPS) also offers a program in Shanghai for MPA students. Started in 2006, the Fudan Interchange program gives graduate students the opportunity to study at the China Centre for Economic Studies at Fudan University. During the six-week program, students study the Chinese economy and current policy issues and participate in field trips.

Sino-Canada Network for the Environment and Sustainable Development

Established in 2013 by Queen's and Tongji University, the network laid the groundwork for a number of collaborations, including joint research on low-impact urban development and aquatic ecosystem remediation, and monitoring environmental change using remote sensing and GIS (geographic information system) technology.

Queen's research in China

There are many Queen's faculty members teaching and conducting research with partners in China. Here are just three of them....

Dr. Mark Rosenberg (Geography) holds the Canada Research Chair in Development Studies at Queen's. Collaborating with colleagues from Canada, the Chinese Academy of Sciences Institute of Geographic Science, Natural Resources Research at Beijing University, and the Chinese Centre for Disease Control, he studies the effects of social deprivation in the elderly population.

Dr. Susan Cole (Pathology and Molecular Medicine, Cancer Biology and Genetics) holds the Canada Research Chair in Cancer Biology and Bracken Chair in Genetics and Molecular Medicine at Oueen's. In 2013, she was made an honorary professor at Jinan University in Guangzhou (Canton) where she is participating in China's Leading Talent Program of Guangdong Province. (Also involved in this program is Yu Qiang, PhD'98 [Pharmacology], now a senior group leader at the Genome Institute of Singapore). Dr. Cole collaborates with colleagues around the world in her work on proteins that can make tumour cells drug resistant by acting as drug efflux pumps.

Dr. Emily Hill (History) pursues research interests in modern Chinese history and politics. She supervises MA and PhD students investigating topics related to the rise of Chinese Communism and the evolution of contemporary China's political and social systems. She has developed close ties with historians and other scholars at Fudan University. In recent years, she has also been affiliated with the Department of History at Zhejiang University in Hangzhou. In research visits to Zhejiang, Dr. Hill has focused on two topics: the scholarly rehabilitation of Chiang Kai-shek, former national leader, and the emergence of a "back to the land" movement in China today.

Read more about Queen's programs and research in China in the online *Review*.



女王大学简介

[Introduction to Queen's University]

In October, Queen's launched a Chinese web page with information about the university for prospective undergraduate students and their parents.

The page serves as a pilot project with a long-term goal of developing pages in other languages.

www.queensu.ca/chinese-introduction

Translation: 女王大学 = Female Emperor Big School.

International rankings

Not only does fall mean back to school, it also marks international rankings season for universities. Queen's fared similarly to last year in three major international rankings: the Shanghai Jiao Tong academic ranking of world universities (ARWU), the QS world university rankings and the Times Higher Education (THE) world university rankings.

"Queen's has not chosen an easy path when it comes to international rankings," says Principal Daniel Woolf. "While most universities focus either on research or teaching, Queen's believes in a balanced academy and strives to excel at both. Delivering a transformative student learning experience in a research-intensive environment is our defining strength, but it does not necessarily help us in international rankings."

In the ARWU ranking, Queen's maintained its position within the 201-300 range of the world's top universities. The QS ranking saw Oueen's move up two positions to 187th globally, while the Times Higher Education (THE) ranking saw Queen's slip to the 251-275 band, down from 2013.

"Fluctuations in the international rankings are to be expected and Queen's may go up or down a few positions from year to year," says Kathy O'Brien, Associate Vice-Principal (International). "No major ranking captures all of Queen's strengths, in particular the quality of its student learning experience."

Every ranking uses a different methodology and Queen's performs well in some and less well in others.

"We continue to punch above our weight when it comes to

research and the recent announcement of Gilles Gerbier as Oueen's first Canada Excellence Research Chair is a demonstration of the university's excellence, in this case in astrophysics, at both a national and global level," says Principal Woolf.

Expanding the university's international reach is a priority for Queen's and a key driver in its strategic framework. Queen's renewed international recruitment efforts are already showing results, with international students making up five per cent of the undergraduate class of 2018.

QS World University Rankings

- Relies heavily on global reputational surveys of academics and employers
- Examines faculty/student ratios, citations per faculty, and number of international students and faculty For 2014/15, Queen's moved up two spots in the QS rankings to 187th place globally.

Academic Ranking of World Universities (ARWU)

- Measures quantity of top research output (including number of faculty and alumni who have won Nobel Prizes and Field Medals)
- Most data are not weighted by university size

Queen's maintained its global ARWU position in the 201-300 range.

In specific subject areas, Queen's excelled in academic rankings for economics/business (in the top 101-150 range) and for chemistry (in the 150-200 range).

Times Higher Education (THE) world university rankings

- Uses survey data to measure institutional prestige in both research and teaching
- Uses hard data to measure research output, citations, research income, teaching quality and international orientation.

Queen's placed in the 251-275 band of THE's top 400 universities.



A warm welcome to the castle

In October, each student studying at the Bader International Study Centre (BISC) received an official BISC scarf in a ceremony in the ballroom of the historic Herstmonceux Castle.

The scarf – a navy blue knit with red stripes and the BISC logo – marks the students' entry into the BISC and Queen's communities. This newly formed tradition is based on the venerable British varsity scarf, which is used to differentiate students attending the top colleges across the British university system.

The scarf is given to every student who spends a term at the BISC. It is hoped that they will become an attractive complement to the famous Queen's jackets that are purchased by many students.

"The scarves serve as a visual reminder of the students' membership in a strong, supportive and vibrant community – one that we hope continues to play an important role in their lives long after they have completed their studies at the BISC and Queen's," says Tom Gallini, BISC Student and Enrolment Services Manager, who presented the scarves along with Caroline Harber, BISC Operations Manager, and Christian Lloyd, BISC Academic Director.

The BISC hosts approximately 350 students each year across its three terms. A revitalized firstyear program based on the theme "thinking locally, acting globally" provides a dynamic international foundation to a Queen's degree, while upper-year programming allows students to develop international experience that is crucial in our increasingly globalized economy.

"As our business, political and research communities become more international, so too must our system of education if we intend to continue to develop strong leaders," says Dr. Lloyd. "We hope to see our scarves on the campuses of both Queen's and our partner universities around the world, as a sign of our students' support of this ethos."



Tom Gallini (right), BISC Student and Enrolment Services Manager, presents a Bader International Study Centre scarf to Zelia Bukhari, Artsci'18.

140 students are at the Bader International Study Centre for the fall 2014 term: 117 Canadian and international students. Source: Office of the University Registrar



International student exchanges



St. Andrews, Scotland

In 1947, Queen's and St. Andrews made a reciprocal agreement to waive tuition, room and board and provide a living stipend for a student to spend a year abroad. The first Queen's student to spend a year at St. Andrews was Sylvia Mackenzie, BA'49, a student in political studies, in 1949.

Since 1996, the Canadian Robert T. Jones, Jr. Scholarship Foundation has provided scholarships to Queen's and St. Andrews students participating in the exchange.

* Bilateral agreements.

Queen's students also have access to exchanges with a further 70 universities through consortial (multi-university) exchanges.

Some of these exchanges are faculty-specific, while others include multiple faculties under one agreement, and some are specific to a particular Queen's department. This diverse range of exchange programs enables Queen's students to study at partner institutions while paying standard tuition fees to Queen's.

For the 2013-14 academic year, 587 undergrad students from Queen's went on international exchange. 544 international undergrad students came to Queen's on exchange.

Source: Queen's International Office

International "post-docs"

くつ of our 192 post-doctoral fellows are citizens of another country.

> As of September 2014 Source: School of Graduate Studies.

Post-doctoral fellows, or "post-docs," are researchers who have completed their doctoral degrees (usually within the last five years). They continue or expand their research under the supervision of faculty advisors. These advisors provide both career and research mentorship. Often, post-docs work with research chair holders. (See page 41 for more on research chairs.)

International recruitment

As part of its international recruitment strategy, this summer, Queen's hosted high school guidance counsellors from Brazil, China, Ecuador, Ghana, India, Jamaica, Jordan, Rwanda, Singapore, Thailand and Uganda.

New international students

This September, Queens welcomed

international undergraduate students and international graduate students (year 1 full-time students).

Source: Office of the University Registrar.

Royal Society

A record nine members of Queen's were inducted as fellows of the Royal Society of Canada this fall. Election to the academies of the RSC is the highest honour a scholar can achieve in the arts, humanities and sciences. New fellows from Oueen's are:

Erwin Buncel, Professor of Chemistry John Burge, Professor of Music Wendy Craig, Professor of Psychology Roger Deeley, Professor of Pathology and Molecular Medicine

Myra Hird, Professor of Environmental Studies George Lovell, Professor of Geography Ian McKay, Professor of History François Rouget, Professeur d'Études françaises

Peter Milliken, Fellow, School of Policy Studies

The RSC welcomed three faculty members as inaugural fellows of the College of New Artists, Scholars and Scientists: Una D'Elia (Art History), Morten Nielsen (Economics) and Pascale Champagne (Civil Engineering). John McGarry (Political Studies) received the Innes-Gerin Medal for his contributions to the social sciences. Guy Narbonne (Geology) received the Bancroft Medal from the RSC.

Policy Studies update

This summer, the Queen's School of Policy Studies (QPS) was reorganized. The Master of Industrial Relations (MIR) program became part of the Faculty of Arts and Science. QPS remains a separate academic unit, and a separate budget unit within the Queen's budget model, with the director now reporting to the dean of business rather than the dean of graduate studies. The realignment comes after an external review of the school identified ways in which its existing strengths could be enhanced by realigning the school within the university. A new policy council, chaired by the provost, is being established to champion the enrichment of the school's position as the centre for policy research, teaching and outreach at Queen's. For more information about QPS, go to www.queensu.ca/sps.



Spirit of Sc′₄8½ continues

Don Nguyen is the newest recipient of the Science 481/2 Mature Student Entrance Bursary. The bursary, set up by the Class of Sc'48½ on the occasion of its 50th anniversary in 1998, provides funding for promising students who have been out of the educational system for three or more years. Don took some community college engineering courses, but family and financial issues kept him from pursuing further studies. He worked for four years in robotics manufacturing in the Markham, Ont., area.

Don started at Queen's in September. He thinks he'll go into the mechanical stream, as he wants to gain skills that will be applicable to a number of industries. At home in Markham, Don volunteered with the FIRST Robotics program, which introduces high school students to science and technology through building robotics. Don hopes to continue this involvement at Queen's, where there is a FIRST Robotics club of the AMS.

Although he has been out of the classroom for a few years, Don has started his school year with a ready-made network. He met with previous bursary recipients, as well as original class member Jim Ramsay, at the group's annual reunion dinner in September. Anna Strachan, Sc'o8, and the fifth recipient of the bursary, has been organizing the event for the last couple of years. "It's so important for us to keep remembering where this change in our lives came from - the hard work and care of Jim and his classmates," she says. Others from the original class of '481/2 had hoped to attend the dinner, but due to illness or family commitments, weren't able to make it. But Jim hopes for a larger turnout at the 2015 dinner. "Most of us are over 90, but 90 is not the big deal it once was!" he says.

Don says that the bursary will enable him to become the person he was born to be. "In order to be happy," he said at the reunion dinner, "I need to be myself. I need to be an engineer."

SGS career week

The School of Graduate Studies (SGS) launched its first career week on campus in October. Graduate students and post-doctoral fellows explored how to leverage their training and skills for both academic and non-academic careers, and networked with employers and graduate alumni. "The notion that a PhD degree only prepares you for an academic career is simply not so," says Dr. Brenda Brouwer, Vice-Provost and Dean of the School of Graduate Studies. "We need to support our trainees in exploring the breadth of options." Read more on career week activities online at bit.ly/QAR41472.

The SGS is also working to connect current grad students with graduate alumni throughout the year for informal networking, career advice and mentorship. Alumni of Queen's graduate programs interested in connecting with current students can contact the SGS at grad.studies@queensu.ca.

Be part of our 175th celebration

Queen's University at Kingston was created by a Royal Charter issued by Queen Victoria on Oct. 16, 1841. The charter established Queen's basic structure and remains its constitutional document.

Queen's 175th anniversary is less than two years away and planning for the celebration has already begun. Former dean of the Faculty of Health Sciences David Walker, Meds'71, chairs the executive committee responsible for oversight of the anniversary celebrations. Mike Blair, Sc'17, is the coordinator of the 175th celebration process. An advisory committee, chaired by the Hon. Peter Milliken, Arts'68, includes alumni and other members of the Oueen's community.

As one of a number of initiatives to recognize the milestone and celebrate its unique legacy, the executive committee is collecting 175plus "moments" of historic significance since Queen's began in 1841. The committee seeks a diverse range of moments involving events, people,

ideas and locations. You do not have to have lived through them, but appreciate them as being significant to Queen's evolution. The moments, which will be collected over the next year, will be published on the 175th anniversary website (bit.ly/QAR41473) and used in other ways as plans unfold.

Email your moments to qu175@queensu.ca, providing a brief description, including the time period, category and your name and graduating class.





Call for Nominations

UNIVERSITY COUNCIL

The closing date for nominations is March 9, 2015.

For information please see the next issue of the Alumni Review (Issue #1, 2015) and check our website at queensu.ca/secretariat/ elections.html

Maclean's ranking

Queen's maintained its fourth-place position within the medical-doctoral category in this year's Maclean's university ranking, a spot it has held since 2011. While holding its overall position, Queen's moved up in terms of sponsored research income. Read more at bit.ly/QAR41481.

IN MEMORIAM

Bernard Adell, Professor Emeritus, Law (Dean of Law, 1977-82) died July 24 in Sasebo, Japan.

James Cannon, retired professor, Department of Geography, died Aug. 20 in Amherstburg, Ont.

Alec Stewart, OC, Professor Emeritus, Department of Physics, died July 28 in Kingston.

If you would like to share your memories of any of these professors, email us at review@queensu.ca.



Jerry Doiron, the inaugural director of the Isabel Bader Centre for the Performing Arts, died on Oct. 9.

Mr. Doiron came to Queen's in June 2013 from Niagara-on-the-Lake's acclaimed Shaw Festival where he served as the planning director. As director of the Isabel, he oversaw the

programming and marketing of the performing art centre's inaugural season and planned the grand opening of the facility on Sept. 20.

Mr. Doiron's distinguished career as a respected arts administrator included stints as the general manager of Necessary Angel Theatre Company and producer of Theatre Passe Muraille. During his career, he served as president of the Professional Association of Canadian Theatres and the Toronto Theatre Alliance.

At press time, a celebration of Mr. Doiron's contributions to the Isabel and to Queen's was still in development.

Display your Queen's diploma with pride.



Lee Wetherall, Ed'76, MBA'82, and her son Peter Gailbraith, Artsci/PHE'09, MSc'11

A diploma frame makes a wonderful gift for the Queen's grad in your life.

To see the variety of official Queen's frames and mats, visit displayitwithqueenspride.ca

Use promo code HOLIDAY14 and receive up to 15% off (offer valid through January 4, 2015). For destinations outside North America, contact us for a shipping quote.

Contact us at alumserv@queensu.ca 1.800.267.7837 (toll-free in Canada and the U.S.) or 613.533.2060.

Proceeds from the sale of diploma frames help support Queen's alumni initiatives on campus and around the world.



Be a mentor to Queen's students Be a resource to the Queen's alumni network

- Looking for a way to volunteer with Queen's, and connect with other alumni and students?
- Want to share how your Queen's experience helped you in the workforce?
- Looking for advice on career changes from other alumni?

Sign up to Queen's Connects, the new LinkedIn platform built for the Queen's community, and find a tip sheet about using Queen's Connects: careers.queensu.ca/linkedin

A partnership between Queen's Alumni Relations and Oueen's Career Services.







Queen's Graduate Diploma in Business

A summer program for new graduates with a non-business degree.

Queen's Graduate Diploma in Business, a four-month program starting in May, is designed for students graduating with a degree in a discipline other than business.

An overview of business fundamentals

The program consists of eight courses, covering a broad range of business topics including finance, accounting and marketing.

Earn eight credits toward a Queen's MBA

All of the credits earned in the program can be applied toward a Queen's MBA. Students can return to Queen's to finish their MBA at a significantly reduced cost and timeline, once they have completed a minimum of two years' relevant work experience.

Broadened career opportunities

For many new or recent graduates, earning a Queen's Graduate Diploma in Business will lead to new career opportunities that may not be available otherwise.

Find out more about Queen's Graduate Diploma in Business.
Online: qsb.ca/gdb Toll-free: 855-933-3298 Fax: 613-533-2471
Email: GDB@business.queensu.ca







How the El Greco came to Queen's

BY ALFRED BADER, SC'45, ARTS'46, MSC'47, LLD'86

ears ago, Isabel and I were wandering around $oldsymbol{1}$ Brighton in Sussex, England, looking for somewhere to have a minestrone for lunch. We went into a small restaurant owned by an Italian, Gabrio Bonaveri. On the wall were many paintings for sale. I looked at them carefully, of course, and liked one in particular that I realized was old. I had no idea who the painter might be, but learned that it had come from a "knocker," a man who went from house to house on the off chance of finding something to buy.

Bonaveri appreciated my interest in his paintings and was so pleased to sell me this little painting of The Adoration of the Shepherds for £600 that he didn't charge us for the minestrone. We learned later that he sold the restaurant and moved, with his paintings, to an apartment in Hove, very close to the house where I had lived as a 15-year-old refugee.

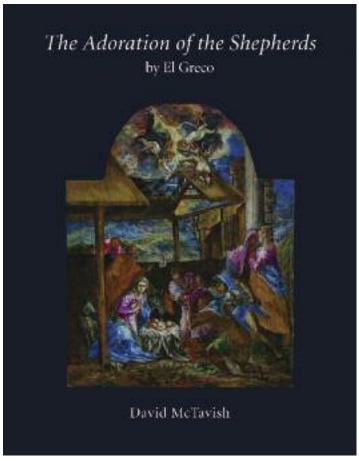
Isabel and I returned to Milwaukee with this little panel and I sent it to be cleaned. Who was the artist? Eventually I wondered if it might possibly be an El Greco. This was a painting that did not fit into our own collection, but it would be a fine addition at Queen's.

We visited Bonaveri every time we returned to England hoping to find another treasure and bought many paintings, but never anything as exciting. However, we became very good friends, so when I finally decided to send The Adoration to Queen's, I wondered if Bonaveri might be hurt to learn that he had sold an El Greco for so little.

Fortunately, David McTavish was the art historian at Queen's most likely to help us solve the puzzle of authorship. We were really excited when he came to the conclusion that The Adoration of the Shepherds could well be an early El Greco. I sent the painting to Christie's where it was accepted as attributed to El Greco, although it was unpublished. I promised Queen's to cover whatever price it reached at auction and, many years after we bought it, it arrived safely at Oueen's.

David McTavish's research uncovered a wealth of information that surprised even him. The results are now published in this exciting essay.

We were very sad to learn recently that Gabrio Bonaveri has died. So now I no longer worry.



In 1991, the Agnes Etherington Art Centre purchased a small painting by El Greco at auction with the assistance of Alfred and Isabel Bader. For art historian David McTavish, this was the beginning of an adventure in tracing the work's origins to El Greco's early career. Using investigative methods that included radiography and infrared reflectography, Dr. McTavish mapped out the work's position in relation to the artist's early production but also to Cretan art, Renaissance prints and works by Titian, whose ability to convey dramatic light and dynamic movement left an indelible mark on his young Greek follower. Dr. McTavish's study of The Adoration of the Shepherds was published by the Agnes Etherington Art Centre this year. The painting, dated around 1567, is currently on tour in Greece as part of a major retrospective of El Greco's work. In this article, Dr. Bader tells how he discovered the painting that turned out to be an important early El Greco.



On top of the world

An Arctic trek to support Canadian soldiers



n April, Chancellor Jim Leech, MBA'73 (then **▲**Chancellor-designate) participated in the largest expedition ever to trek from King Christian Island (200 kilometres north of Resolute Bay, Nunavut) to the magnetic North Pole. The journey, organized by the True Patriot Love Foundation, brought together Canadian business leaders and athletes with soldiers and veterans who had been injured during service. The goal of the 11-day expedition was to raise both awareness and funds to help soldiers, particularly those living with post-traumatic stress disorder, and their families.

It was a love of adventure trekking and travel combined with a goal to support Canadian soldiers that made Chancellor Leech decide to take part in the expedition. "They gave to their country and here was a way for me to help them," he says. "I was probably also trying to prove something to myself that I was not old. That's no small part of it!" At 67, he was the oldest member of the team: the youngest was 24.

He admits that he had moments of self-doubt. "The first was when they took us out and dropped us in the middle of nowhere! We had just flown for 2½ hours and the plane landed on the snow. And they don't even really turn the engines off –

they just throw all the gear out with the propellers still going," he recalls. "After the plane took off, there was just silence. I looked around and saw nothing but white forever. I thought, 'Oh my God, they aren't coming back!' There was a flash of panic, but it was also so beautiful."

The group was divided into "pods" of seven to nine people. Fellow Queen's grads and business leaders Andy Chisholm, Com'81, Phil Deck, Artsci'84, and Dougal MacDonald, Artsci'81, were in other pods. The group also included Bjarne Nielsen, a soldier who had lost a leg in combat and who travelled on a sit ski fitted with outriggers for balance. Fellow trekkers took turns pulling Sgt. Nielsen (who also used ski poles to propel himself along) and lugging his gear.

Each day, the group travelled for hours, skiing 16 to 20 kilometres over ice and hard-pack snow while pulling sleds filled with food, tents and supplies. "I do a lot of cross-country skiing," says Chancellor Leech, "but this was not cross-country skiing; it was shuffling! You needed to have both feet on the ground at all times. And the toboggan you're pulling has a mind of its own. If you fall, it's a 10-minute process to get up again. You have to take your gear and your skis off, and then you just don't have the energy to get up." The trekkers also had to manage their exertion levels and body temperature. "The challenge was to wear just enough clothing to ski slightly cold in order not to sweat and freeze the moment you stopped or the wind picked up."

Snacks consisted of high-caloric treats like truffles and deep-fried bacon to give the skiers energy to push through. "There was also a fruitcake that was fascinating because, even at -3oC, it didn't freeze!" They couldn't eat while skiing, however. "Your balance was at such a premium that you had to have your poles ready at all times to stop yourself from falling." The 10-minute breaks after each leg of the day's travels tested Chancellor Leech's time management skills. "Removing your 50-pound backpack and fetching your parka basically used up four minutes. In the remaining six minutes, there are four things you could do: eat, drink, pee

and fix your gear. But you only have time to do two of them."

At night, they stopped to make camp, using snow saws to carve out latrines and walls to shelter their tents from the bitter wind. Melting ice to hydrate their food took two hours. After eating, they crawled, exhausted, into their sleeping bags, making sure to bring in their electronics and food items that would freeze if not next to body heat.

Reaching the magnetic North Pole after 11 days, the travellers were greeted by the sight of the Canadian flag fluttering in the wind. "We had been skiing for 10 hours that day. We lined up, with the soldiers in the front. We started singing "Oh Canada" in French and English. Everyone was crying. We were so wasted emotionally and physically." After the team had set up camp, their guide brought out letters from each person's family, written before the trek began. "And if you weren't destroyed on the march in, you were a total wreck after the letters. People were crying and laughing at the same time. I would certainly rank it as one of the highest emotional levels I've ever been at. "

While physically recovering from the expedition

Queen's new chancellor

Though he stepped into the role on July 1, Jim Leech was installed as Queen's 14th chancellor at a convocation ceremony on Nov. 18. Follow Chancellor Leech on Twitter: @QUchancellor

took weeks, Chancellor Leech says he wouldn't hesitate to make the journey again – primarily for the camaraderie. "That was one of the magical things about the trip – how all these disparate groups melded into one. For instance, Paul Desmarais Jr., the chairman and co-CEO of the Power Corporation of Canada, was paired with a 24-year-old corporal. Within minutes of that first training session, they were Paul and Harry, out building a latrine together. So there is huge bonding across that potential divide. For the soldiers, it was great – they felt valued, and they proved to themselves that they could still do this. And that was an enormous step in their rehabilitation process after suffering from post-traumatic stress. It's all about self-worth and self-esteem."

Andrea Gunn, with files from Meredith Dault





Finding Franklin's ship

This September, HMS Erebus, one of the lost ships of the doomed 1845 Franklin Expedition, was found in the eastern end of the Queen Maud Gulf, Nunavut. A number of people with Queen's connections were part of the historic find.

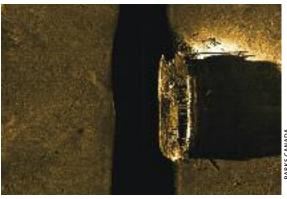
The underwater archaeologists

Jonathan Moore, Artsci'91 (Classical Studies) Filippo Ronca, Artsci'92 (Classical Studies)

Since 2008, Jonathan Moore has been searching for the Franklin ships with his Parks Canada colleagues. In early September, Jonathan was one of the first to spot the ship lying on the sea floor of the Queen Maud Gulf. It was his sixth trip with Parks Canada since 2008; each mission charted more territory, gathered data and narrowed down the search area.

The wider area in which the *Erebus* lay had been partly searched before, but was still "off the beaten path" even in Arctic terms. "Much of the area was uncharted," says Jonathan. In 2008 he and his colleagues first surveyed an access corridor ("a 65-kilometre road underwater, so to speak," says Jonathan) in order to navigate shoals and shallow water. Only then could they safely utilize, year after year, side-scan sonars that could detect objects in the water below them.

"It was truly incredible," he says of the moment he and his teammates saw the image of the ship-



A side-scan sonar image of Franklin's ship on the day of its discovery.

wreck scroll across the sonar screen. "There were high-fives all around. We felt sheer joy and relief!"

Team members flew to Ottawa to make the announcement of the find with Prime Minister Stephen Harper. But there was much more work to be done. Jonathan says, "We flew back almost immediately with more dive gear and with Filippo." They spent two days diving to explore the wreck, gathering evidence of its identity. By Sept. 30, the team had confirmed it: they had found HMS Erebus.

Although Parks Canada was the lead in this expedition, Jonathan stresses that this was a team

wreck, Filippo Ronca measures the muzzle bore diameter of one of two cannons found on the site, serving to identify this gun as a brass 6-pounder.

Astern of the



effort on a massive scale. Government partners included the Canadian Coast Guard, Canadian Hydrographic Service and the Government of Nunavut, among others. Non-government partners included the Royal Canadian Geographical Society, the Arctic Research Foundation, the W. Garfield Weston Foundation, Shell Canada and One Ocean Expeditions.

The explorer

Andrew Prossin, Artsci'91

Andrew is the owner of One Ocean Expeditions, a polar cruise operator in the Arctic and Antarctic. Andrew's ship, One Ocean Voyager, carried equipment, including a new autonomous underwater vehicle, for the expedition. The *Voyager* also carried special guests, including scientists sponsored by the

Weston Foundation. Among them were Queen's professor John Smol, an international authority in the field of Arctic limnology and paleolimnology; Joshua Thienpoint (Artsci'07, PhD'13), now a postdoctoral fellow at Brock and a specialist in northern aquatic ecosystems; and Emily Choy (Artsci'05, Ed'o6), a PhD candidate in biological sciences at the University of Manitoba, where her research focuses on beluga whales. The travellers on the Voyager were treated to lectures by the guest scientists, as well as by the archaeologists and robotics crew. "It created a unique learning environment," says Andrew, who hopes to replicate the model of bringing together sponsors, scientists and students for his company's future trips. "It's a dream of mine to use our ships in support of science."

AG

See more photos from the expedition online at queensu.ca/ alumnireview.

Franklin's ships discovered in Watson Hall

BY ERIKA BEHRISCH ELCE, MA'97, PHD'02 (ENGLISH)

The pictures on CBC were the first photographic images I saw of HMS Erebus, but I actually discovered Franklin's two missing ships 17 years ago in a classroom of Watson Hall. In 1998, as a doctoral student in English literature, I took a graduate seminar on scholarly editing hosted by Mel Wiebe, director of the award-winning Disraeli Project, then housed within the Queen's English department. Our task: to identify, transcribe, contextualize and annotate a collection of letters of our choosing, under the watchful eye and to the exacting standards of Professor Wiebe and his fellow editor, Dr. Mary Millar. I was lucky enough to stumble across a small cache of letters written to Benjamin Disraeli by Jane, Lady Franklin. The discovery changed the course of my life.

I knew, as many Canadians do, something about the lost Franklin expedition - the missing ships, the lost men, the spectre of cannibalism lurking through the story. But reading the words of Lady Franklin to Disraeli about the search for her husband made the story come alive: it was not an abstract history, but the anxious words from a frightened wife that leapt off the page. Writing

to an old family friend (she was in a book club with Disraeli's father), she relied on Disraeli to support her in Parliament, and he did so whenever possible. She thanked him for his "generous support" in the public and highly charged discussion about the search for her husband.

She wasn't just vulnerable, though. Throughout her correspondence to Disraeli and other government officials, Lady Franklin was impressively knowledgeable and precise in all Arctic matters, including the best areas to look for the lost expedition. In 1855, after the discovery of a number of skeletons on the north shore of the Arctic mainland, Lady Franklin advocated one final search for the remains of her husband's party "in the neighbourhood of the great Fish river" - very close to where Franklin's ship was recently discovered. Had her pleas been listened to, that ship may well have been located in 1855, not 160 years

Lady Franklin's 13 letters in the Hughenden Archives, the foundation of the now 10-volume (and growing) Benjamin Disraeli Letters series, were the beginning of my doctoral work on 19th-century polar exploration and the core of my 2009 book, As affecting the fate of my absent husband: Selected Letters of Lady Franklin Concerning the Search for the Lost Franklin Expedition, 1848-1860.

Along with my continuing passion for 19th-century polar exploration, the archival research skills I learned at the Disraeli

Project remain at the centre of my work at the Royal Military College of Canada. This year I also find myself back at the Disraeli Project as a research associate. Professor Wiebe and Dr. Millar have retired, Dr. Michel Pharand is now director, and the project has become independent of the English department, but the microfilm reels are in their usual drawers and portraits of Benjamin Disraeli and Queen Victoria still grace the walls of Watson 142, where we do our research. There, we are hard at work on Volume 11: 1869-1873 - the interregnum between Disraeli's two premierships. With such a wealth of archival material to work through, who knows what mysteries we'll solve next?



Erika Behrisch Elce is assistant professor of **English literature** at the Royal Military College of Canada, and research associate at the Disraeli Project.



QSII company members in their workspace at Innovation Park. The shared space allows for collaboration among groups. Back row: Aditya Patel, Chris Labelle, Mitch Debora, Sean MacGillis, Heather Evans, Austin Lubitz. Front row: Jason Caldwell (member of Charge Centre, last year's winning company), Madeleine Neiman, Oliver Blake, Chantal Tshimanga, Derek Vogt.

 Γ or four frenzied months, a group of Queen's students worked to create, launch and pitch start-up companies to a group of industry professionals. At stake was a pot of money to springboard their fledgling enterprises into the business sphere. They were taking part in the Queen's Summer Innovation Initiative (QSII), a competitive program that provides student teams with seed funding to create businesses while learning skills related to entrepreneurship and business management.

Since starting in 2012, QSII has been bringing together students, who've often never met, to create ideas for new businesses. What began as a partnership between the Faculty of Engineering and Applied Science and the School of Business has grown to include all Queen's faculties, and, new

this year, students from St. Lawrence College. After assembling into teams, the students are given an MBA-style crash course in business, \$2,500 for development and then begin working out of offices in the Integrated Learning Centre in Beamish-Munro Hall. They're given access to the newly opened SparQ Labs, a makerspace that includes workshops with tools, fabricators and even a milling machine. For teams creating devices, when they need a part, they can design and create it in minutes.

"The students make real companies and they run them independently, generating commercial revenue," says Greg Bavington, Executive Director of the Queen's Innovator Connector, who oversees QSII. "It's a program that we wanted to be as realistic as possible, giving students a chance for

experiential learning outside of the classroom. They're learning how to create and manage businesses; we've just removed some of the risks of entrepreneurship."

To make QSII available to a broader group of students, those participating are paid a stipend while they work on their businesses. "Paying our students to participate makes us an anomaly in university entrepreneur internships," says Bavington. "This way we have the greatest number of applicants, making for a more intense competition process."

Though they're competing for the final prize money, the teams also work together constantly, meeting weekly to share their progress, chart their next moves and receive feedback from their peers. For the final pitch competition though, they go head-to-head to secure capital. While the teams believed they were competing for a share of the \$60,000 that was at stake, they didn't know how much that number would grow during the course of the competition day. Donors and investors came from all quarters to bolster the winnings available up to \$140,000. That last minute injection of capital isn't unusual, Bavington says, as each year people have come forward to contribute prize money after seeing the quality of the companies competing.

A number of QSII's companies have moved to Innovation Park at Queen's University, a collaborative hub for technology research and commercialization and business incubation. There, they have access to the expertise of established companies. They also continue to work together as they fight to break into the market.

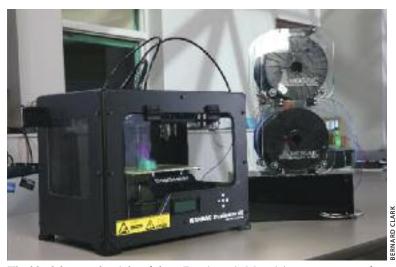
Mosaic Manufacturing – 1st place

Chris Labelle, Com'14, Derek Vogt, Sc'14, Heather Evans, Com'16, Mitchell Debora, Sc'14, Danny Lloyd, Sc'16

QSII's winning company, Mosaic Manufacturing, has solved a problem most people didn't even know existed. Desktop 3D printers can create just about anything by melting and restructuring plastic filament. When it comes to printing things in colour, though, they fall flat. Existing printers cause colours to bleed together, leaving the finished product covered in splotches.

"Other printers haven't really worked to develop the aesthetic side of their creations," says Chris Labelle. "We've created a stand-alone device that attaches to 3D printers that fixes the problem, leaving colours even and clean." That device looks like little more than an opaque black box, but when it's attached to a printer, its results are immediate.

Though 3D printers are only just beginning to take off, they hold promise for a future where the



The black box to the right of the 3-D printer is Mosaic's secret weapon for polished 3-D printing in colour.

vast majority of household products can be made right in the home, allowing for customization in size, colour and materials. Mosaic is looking ahead to when that idea becomes a reality. "We've spoken to a lot of people who have big ideas for 3D printers but they're not yet viable. The technology just isn't there yet," says Labelle. "We're working to push its abilities forward and if the pace of technology in the past 30 years has been any indication, this could be the next big thing."

In the next few months, Mosaic plans to hire more staff, further develop its device and create a crowdfunding campaign to secure finances so it can continue to grow. "The final win of \$40,000 was fantastic," Labelle says. "We're thrilled and proud of the result. I think we have a great product and managed to communicate a complicated idea in an understandable way. The money we won is going to enable us to be fast enough to respond to whatever market changes come up."

Borehole Analytics – tied for 2nd place

Oliver Blake, Sc'14, Sean MacGillis, Sc'14, Brett Kolankowski, Sc'14, Austin Lubitz, Com'17, Aditya Patel, Artsci'15

Cameras have been used in mining operations for decades, but Borehole Analytics wants to bring the process into the 21st century. Current competitors in the industry use analogue technology, recording video feeds to DVD or VHS, whereas Borehole's Downcam XI uses digital tech instead. Video from a Downcam XI can be streamed from the camera directly to any screen with internet access.

"We're bringing smartphone technology to borehole cameras," says Sean MacGillis. "Our product provides significantly improved video quality, allowing for better identification of fragmentation,



Video from the Downcam XI can be streamed directly to a computer or smartphone.

fractures and changes in rock type, while also being capable of live-streaming video."

Currently, to see the feed of a borehole camera, technicians have to either be present at the site or watch its recording afterwards. With the Downcam, the data can be streamed to anywhere off-site, allowing a remote team to provide analysis and instruction during the operation.

Inspiration for the camera came from mining engineering student Brett Kolankowski's thesis project, which identified the need for the mining industry. "When I saw the work that Brett had done, I felt there was an opportunity to advance the camera out of prototyping and commercialize it," MacGillis says. "QSII brought us together to do that and I'm so grateful we got to take part." Having tied for second place, Borehole will be using most of its \$30,000 prize money on research and development, further improving the durability and quality of the camera while also running product tests to ensure it's capable of standing up to field conditions.



Givway & Co.'s backpack design depicts some of the items that might be inside, such as clothing, toiletries and keys.

Givway & Co. – tied for 2nd place

Chantal Tshimanga, Artsci'14, Lindley Kenny, Sc'15, Madeleine Neiman, Sc'15, Michelle Robinson, NSc'15

Hoping to use their company to create social good, the members of Givway & Co. surveyed a number of charitable Kingston organizations to find out what items their clients needed most. The answer they got was, "backpacks." Givway then built its company around remedying this shortage by creating stylish and durable backpacks for the consumer market. With every backpack it sells, Givway donates another backpack to a Kingston charity. In order to maintain discretion, the company donates packs of various brands and colours.

Working with the women's shelter Dawn House and the Kingston Youth Shelter, where many clients lack stable housing, Givway made sure its donations would be well put to use. "We heard again and again that these places needed more backpacks and it's simple to see why. They're a versatile and useful product that's easy to put to use," says Chantal Tshimanga.

Dedicated to keeping their operations close to home, the Givway entrepreneurs source, create and distribute their product as locally as possible. Their backpacks are designed and manufactured in Kingston, and they hope it will enable them to create more partnerships so they can reach more people. The backpacks aren't just eye-catching though, they are also conversation-starters. "We want to encourage consumerism with a conscience," says Tshimanga. "Hopefully when people see the backpack, they'll not only think it's cool, they'll ask about it. Having a strong aesthetic value was very important to us, because we feel it's easier to get people to make incremental changes that are beneficial to their community than it is to demand a big shift all at once."

Limestone Labs – 3rd place

Taylor Mann, Artsci'14, Oleg Baranov, Sc'15, Geoffrey Hoy, Sc'14, Serena Li, Com'16, Scott Mason, Artsci'14

Smartphones, tablets and other electronic devices are increasingly used in hospital settings where the many hands that touch them turn them into sources of disease transmission. Using disinfectant wipes to keep them clean and sterile is time-consuming, unreliable and can damage devices, so to remedy the problem the company created the Clean Slate. Requiring only the push of a button to operate, the Clean Slate prototype uses UV-C light to eliminate 99.99 per cent of germs and bacteria on handheld devices. The cleaner is small enough to fit on a desk or ledge, and Limestone Labs hopes it will reduce the spread of contagions through health-care institutions. In the coming months Limestone will pilot its product in a number of Canadian hospitals.

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











This photo of Holy Trinity Church in St. Andrews was taken by Lynn Brown, Sc'69, during the August tour of Scotland offered by the Alumni Educational Travel program. The group explored sites throughout Stirling, Edinburgh, St. Andrews and Loch Lomond.

New branch contacts

Rachelle Diedrichen, Artsci'92, is the new branch contact in Switzerland. Tim Packulak, Sc'14, is the new branch contact in Winnipeg. Welcome to the branch network!

There are Queen's alumni branches around the world! Find one near you: queensu.ca/alumni/networking/branches.html

Congratulations

Congratulations to our fall branch award recipients: David, Arts'65, LLD'02, and Christiane Dodge, Arts'65 – John Orr Award (Toronto Branch); Dr. Robert McCormack, Meds'79 - Kathleen Beaumont Hill Award (Vancouver Branch); and Joe Lougheed, Artsci'88 (Calgary Branch).

Calendar of events events.queensu.ca www.facebook.com/queensualumni

Canada

Brockville

November 29 - Post-Santa Claus parade reception for the Queen's Bands. 3-5 pm at St. John's United Church. Volunteers are needed and donations of food are welcome. Contact Cheryl Johnston, Artsci'o1, at cheryljohnston24@gmail.com or 613-342-8688.

Calgary

November 27 - Chancellor Lougheed Memorial Ceilidh Wine and Cheese. Lougheed House, 707 13th Ave SW. Enjoy great food and wine, as well as a guided tour of this grand estate. For information, email Berkan Harari, Sc'10, MSc'12, at hararibz@yahoo.com.

December 18 (tentative) - Queen's Calgary "cans" hunger at our winter pub night. Bring a canned/non-perishable food item. Location to be determined. Updates will be posted on the Calgary Facebook page. Questions? Email Bobby Noakes, Sc'12, at noakes.bob@gmail.com.

Montreal

November 29 - Vanier Cup viewing party.

January 23 - Queen's men's hockey team plays McGill at the McConnell Arena.

Ottawa

February 14 - Queen's alumni curling funspiel. 1-5 pm at the Ottawa Curling Club. Registration opens December 1.

Toronto

queenstoalumni.com

February 3 – Queen's author series continues with Anita Jansman, Artsci'06, MTS'14. Anita will discuss her book One Day I Walk, documenting her journey on the Camino de Santiago de Compostella, a pilgrimage route in northern Spain.

Young alumni in Toronto – Join us to meet new people and expand your network, all while staying connected to Oueen's. Check out OueensTOAlumni on Facebook for event and volunteer info.

International

Arizona

alumni.queensu.ca/arizona arizona@tricolour.queensu.ca

December 13 (Phoenix) - Annual holiday celebration. Celebrate the holiday season with Queen's grads and their families.

February 2015 (Tucson) - A visit to Tucson including lunch makes this the perfect outing to visit with alumni living in the southern part of Arizona.

First Thursday of the month (Phoenix) - Monthly gettogethers at Sun Up Brewhouse.

Snowbirds, please join us while you are wintering in Arizona. We look forward to welcoming all Queen's alumni living in (or visiting) Arizona and their families.

Expanding our horizons

"Once you have travelled, the voyage never ends... The mind can never break off from the journey."

- PAT CONROY

s students, most of us had to travel to Kingston. For many it was the first time on the Queen's campus, perhaps even the first time away from home. We took all manner of transport across vast lands and oceans not only to attend school but, when able, to travel back home during school breaks. So marked the start of a journey full of new experiences, new people, and new environments. I think of the courage and resolve it took for our international alumni to make their way to Queen's. I also think of graduates who leave Canada behind to take a job or further their education in a foreign country. A decision made, in some measure, due to the people – professors or fellow students - they met at Queen's. Happily, what many discover is a network of alumni who have gone before them a global alumni community able to provide assistance, camaraderie and guidance. You'll come across alumni in over 150 of the 195 countries on the planet. The reach of Queen's alumni is truly international. These experiences, and the different perspectives we share, enrich us all.

Most of our alumni live and

work in Canada. Approximately 25 per cent are baby boomers, approaching a time in their lives where extended travel becomes an option again. The backpacks and hostels have been replaced by river cruises and guided tours. Our alumni have access to many wonderful educational opportunities through the Queen's Alumni Educational Travel program. Designed for educated travellers, accompanied by faculty members, these tours truly nourish the intellectual curiosity of participants by bringing the classroom into the field. What better way to travel the world, than with like-minded travellers, in comfort and with a professor as your very own tour guide? The world is there to be rediscovered.

As you read this, more than 2,000 alumni and their families are back home, having travelled to Kingston and Queen's for Homecoming 2014. For some, the distance is great and time zones many. Just to mention a few...from Australia came Calvin Carnegie, Sc'04, and his wife and baby. From Switzerland, Douglas Van Staveren, Com'84. From Dubai, Tim Lalouette, Sc'99. From Abu Dhabi, Mathias Dybvik, Sc'99. From the Nether-



lands, Sandra Corbeau-Chau, Com'84. And from Italy, Cindy Molaski, NSc'89. Everyone returning, no matter where they live, is to be commended for their effort. It's really what makes Homecoming feel like coming home.

Happy travels and Cha Gheill.

George M. Jackson, Artsci'85 **President** Queen's University Alumni Association

P.S. Connect with me on Twitter! @QUAAPresident

There are now 144,930 Queen's alumni in 154 countries worldwide. Source: Queen's Advancement. Alumni and country counts are updated twice a year after convocation.



Every year, the QUAA honours exceptional members of the Queen's community – alumni, students and faculty.

Congratulations to our 2014-15 award recipients, who will be honoured at the Alumni Awards Gala on March 28, 2015. Save the date!

Andrew Feustel, PhD'95

Alumni Achievement Award

Queen's Players Toronto

Peter Higgins, Artsci'03 Don Duval, Artsci'99 Paul Levia, Artsci'97, MIR'98 Tim Evans, Comm'99 Michael Payne, Sc'99, Ed'00

Troy McAllister, Artsci/PHE'03 *Alumni Mentorship Award*

Alumni Humanitarian Award

Kellogg Ngai, Artsci'97 Herbert J. Hamilton Award

Matthew Lato, Sc'06, PhD'10

One to Watch Award

Nick Francis, Artsci'14

Outstanding Student Award

Jeremy Mosher, Artsci'08 Branch Marsha Lampman Award

> Melissa Pogue, Artsci'09 *Branch Rising Star*

Ottawa Branch – Shakers and Stirrers Event (Jeff Bird, Sc'01) *Branch Event of the Year*

Catherine Donnelly, Rehab'95, PhD'13, School of Rehabilitation Therapy *Alumni Award for Excellence in Teaching*

These are some of the many Queen's thinkers and doers making a difference in the world today.

Learn more at queensu.ca/alumni.

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 74 University Avenue, Kingston, Ont. K7L 3N6

Update your address: review.updates@queensu.ca Phone: 1.800.267.7837



HOMECOMING 2014 Homecoming smiles Members of Commerce '89 show their Queen's spirit at the Homecoming football game. Despite rainy weather for the Gaels' last home game of the season, alumni packed Richardson Stadium for the Oct. 18 game. The Gaels rewarded them with a 57-10 win over York. See more Homecoming photos at bit.ly/QAR41480. SUZY LAMONT

to 1959

Honours

lan Vorres, CM, Arts'51, was recently named a grand commander in the Order of Honour by Karolos Papoulias, President of the Hellenic Republic. lan, the founder of the Vorres Museum in Paiania, was honoured for his contribution to Greek art and culture.

Deaths

John K. Beach, BA'41, MD'44, died June 12 in Belleville, Ont., aged 95. Jack was predeceased by his wife, Ruth (Wilson), BA'41, and his brother Hugh, BSc'47, as well as sister-in-law Dorothy (Wilson) Fiddes, BA'37 (Gladstone Fiddes, MD'40), and brother-inlaw Gordon Wilson, BA'47. Jack is survived by his children, Eleanor, Arts'66, Ed'92, John, Anne Beach Johnston, and David Beach, Sc'78, Meds'81, seven grandchildren, including Emily Zegers, Sc'00, and two great-grandchildren. Jack's passing is also lamented by two Meds'44 classmates with whom he was still in touch, Claude Vipond and Art Oatway. Jack was an "old-time country doc" who served the people of Frankford, Ont. from 1949 to 1986. Jack was the last surviving member of the original medical staff at Trenton Memorial Hospital. Jack's retirement years did not go exactly as planned. From 1986 until 1998, he cared for Ruth, who had suffered paralysis after a stroke. When Jack could get relief, he assisted with surgery, until his 86th birthday in 2005. His last five years were spent at a Belleville retirement residence, where he had, at last, time to pursue new interests. There, he also renewed his friendship with Lloyd Shorten, Arts'40, MDiv'42, DDiv'67, his first-year roommate in 1937-38.

James A. Marcellus, MD'46, died April 4 in Abbotsford, BC. The day before he died, Jim told his beloved wife, Cathie, "Don't be long." For Cathie, living became an effort, with a heaviness of heart that would not allow her to continue beyond the 70 days after Jim's death. Catherine (Ormsby) Marcellus, BA'43, died June 12. Jim and Cathie met in 1941



lish, and he studied medicine. Although he received his MD from Queen's in 1946, Jim was a member of the special class of Meds'47. Jim and his classmates were part of an accelerated program started in 1942 in response to wartime demand for medical officers for the armed forces. The students completed medical school in 41/2 years, instead of the usual six, and enrolled in the Royal Canadian Army Medical Corps. In 1947, the couple married and began their life together in Mission, BC, where Jim practised family medicine. Together, they raised four children, and their lives were busy with the demands of a large practice and family. "Dr. Jim's" reputation as a family doctor was remembered with affection in the community, even decades after his retirement. Outside of work, Jim's passion was for growing rhododendrons. His work was recognized by the Royal Horticultural Society on three occasions and the official flower of Mission was the product of his unique talent. In 1974, Jim retired from medicine, and studied botany at UBC. Cathie had a lifelong passion for literature and education. At the age of 60, she completed her master's degree at Simon Fraser University. She then taught English at Fraser Valley College and SFU. In 1986, she co-founded of the Lifetime Learning Centre in Mission, which continues to provide community adult education programs. At the age of 87, Cathie received an honorary doctorate from the University of the Fraser Valley. Together, Jim and Cathie travelled to parts of the world that piqued their interest in adventure, history and culture. They always came back to Mission, though, and they stayed in the same home for 62 years. In this, they were supported by their family, as well as friends and neighbours. Cathie and Jim are survived by children Chris and Libby, grandchildren Jo, Caitlin and Corey, and great-grandchildren.

John C. "Jack" Roberts, BSc'53, died July 1 at home in St. Thomas, Ont. Much loved husband of 55 years to Helen (Finlay); father of Jeffrey, Sc'82, MSc'84 (Dorelle MacDonald, Sc'82, MSc'84), and Todd, Sc'84, MSc'90, MD'94 (Peter Marsiglia); and "Jack-Jack" to grandchildren Brendan. Thomas and Alexandra Roberts. At Queen's, Jack resided in Collins House (Sc'44 Co-op). Upon graduation he began his career as a civil engineer with the New York Central Railway. In 1966, Jack transitioned to a career in education at Fanshawe College in London, Ont., where he retired in 1996 as chairman of the college's civil technology division. A consummate engineer, Jack was always building, fixing, tinkering, studying and analyzing. There was not an appliance, auto or furnishing that did not have some form of modification imposed on it. Jack studied both the energy industry and the medical profession so that he could better understand what his offspring were up to. He was known to his grandchildren and their friends for his limitless supply of "Jack-facts." In retirement, Jack travelled Europe extensively with the "UK Walkers." Having never got the railway out of his blood, Jack would prefer to travel from Southern Ontario to Fort Mc-Murray, Alberta by rail to visit his grandchildren. In recent years, Jack volunteered his time to the Canada Southern Railway Station and the North American Railway Hall of Fame.

Henry Lynnwood "Lynn" Sargeant, BA'51, MD'54, died Aug. 27 in Huntsville, Ont. He was predeceased by his wives Jean (Thomas), BA'51, and Gail (Goodwin), and by his son Lane. He is survived by his children Cynthia, Kent, Todd and Blair, seven grandchildren and six great-grandchildren. At age 8, Lynn's near-fatal bout with pneumonia (in the prepenicillin age) led to two fateful outcomes. The curative prescription was for him to blow vigorously on a wind instrument. This sparked his lifelong devotion to the trumpet and music. It also created the desire to become a physician himself. At Queen's, Lynn was the first student bandmaster. He was director of Queen's Brass Band for seven years. After graduation, he did his internal medicine residency in Boston. His research included work on the development of an oral insulin substitute. He later settled in Huntsville, Ont., first as a general practitioner and later as the community's first internist. He founded the special care unit at the Huntsville & District Memorial Hospital – a first in Ontario for a hospital with fewer than 100 beds. In 1989, he was appointed chief of staff for the hospital. He retired from clinical practice in 1988 and from medicine entirely in 1998. Through these years his love of music and his community continued. He founded the barbershop group The Muskoka Music Men in 1990. He directed the Muskoka District Band for 25 years and founded the Muskoka Big Band, and was its conductor for 32 years.



George Hartley Tosh, BSc'50, died Dec. 19, 2012, in Oakville, Ont., aged 87. He was predeceased by Anne, his wife of 54 years. He is sur-

vived by his children David and Cathy, OT'77 (John). Hartley attended Queen's to study mechanical engineering after serving overseas in the army in WWII. Upon graduation, Hartley was immediately hired by Ford Motor Company in Windsor. A year later he assisted in the set-up of the new plant in Oakville and eventually was transferred to the Oakville operation. He retired after 40 years with the company, but continued to meet with his colleagues at the monthly retirees' club meetings. Besides enjoying time with his family, he was an avid gardener who also enjoyed photography, music and football. He had a lifelong commitment to learning: he embraced computer technology from the beginning and continued to take courses in his retirement. Hartley

was a proud graduate of Queen's and was pleased to have attended his 55th reunion.

1960s

Job News

Walter Ewing, Meds'67, is a Humanist officiant, providing nonreligious ceremonies in Simcoe County, Muskoka and the Temagami area in summer. You can reach him at drwalt1@gmail.com.

lan E. Wilson, Arts'67, MA'74, LLD'09, "has failed retirement again" and is working with the National Archives of the United Arab Emirates, advising on the development of their programs and facilities.

Notes

John Camilleri Brennan, MBA'65, wrote to say, "I recall the day of 21st September 1964 when my country, Malta, achieved independence. I was in my second year at Queen's School of Business as a Commonwealth scholar." John and his wife. Marion, celebrated that occasion in Canada: they celebrated the 50th anniversary at home in Malta. John sends his best wishes to all his Queen's classmates, who may reach him at johncambre@gmail.com.

William Fernihough, Sc'67, has retired, for the second time. William started work with the Aluminum Company of Canada in 1967 as an electrical engineer. He later worked with the Churchill Falls (Labrador) Corp. before taking a position, in 1975, with the BC Hydro and Power Authority in Vancouver. There, he worked until his first retirement, in 2001. In 2002, he began an assignment with the Doble Engineering Co. of Watertown, MA. What was to be a three- to five-year experience was so much fun that it stretched to 12 years. But on reaching the age of 72 in 2014, William decided to retire

"If at first you don't succeed..." Long before he became the Honourable Douglas D. Peters, P.C., BCom, PhD, he was a "Jean Royce graduate." Douglas Peters began with the class of 1953, but failed two of his courses in first year. Thus, he

was invited not to return to Queen's by then-Registrar Jean Royce. Ten years later, after launching a successful career in banking, Douglas wanted to continue his university education, and applied back to Queen's. In the online Review, he recounts his experiences with "the Cerberus" Jean Royce, and the obstacles he overcame to become the top student in his commerce class and receive his degree in 1963. Douglas went on to become chief economist and senior V-P of the Toronto-Dominion Bank, Member of Parliament (Scarborough East), and Secretary of State (Finance) under Prime Minister Jean Chrétien. Read his story online at bit.ly/QAR41474.



"Wild" Bill Fraser, Sc'61, marked his 75th birthday with a bike ride from Vancouver to Inuvik. The tour took 19 riding days and covered 1,900 km. The total vertical climb on the tour was 16,000 m. "This tour was my last long-distance tour to be done," writes Bill, "and was a highlight of my cycling tours, which included biking across Canada west to east, the Alaska Highway, across Utah, the Klondike Highway and holiday trip rides in Italy and France."

Barry Wellar, Arts'64, received a grant from Esri International to organize a research colloquium and conference on using the retrospective approach to mine for GIS nuggets. "The geographic information systems (GIS) field has dynamically expanded into a multi-billion dollar industry, with millions of users worldwide," says Barry. "This project provides the opportunity to design programs to retrospectively search for unrealized GIS opportunities in education, training, research, technology, applications and management."

Deaths

Gordon Smith, BA'66, MEd'76, died Feb. 20 at home in Belleville, Ont., aged 73. He is missed by his wife, Penelope, and daughters Jennifer, Stephanie, Artsci/PHE'92 (Ken Manderville, Ed'90), and two granddaughters. Gordon had a distinguished career in education as a high school teacher and administrator. Perhaps more importantly, however, Gord loved to coach kids, leading many basketball and football teams to COSSA and OFSAA championships over his 41-year coaching career. He would often say, "Sometimes what you do on the field is as important, or more important, than what you do in the classroom." He attributed sport to keeping many kids in school and was the recipient of the Pete Beach Award in 1996 for his "excellence in the classroom and on the playing field." When he wasn't coaching, Gord loved to be on the football field as an official. Number 20 was a familiar face at local high school games, as well as at Canadian

university football games for four decades. On five occasions, Gordon was selected to officiate the Vanier Cup. He also sat on the Canadian **Amateur Football Association** (CAFA) rules committee for 25 years. On Sept. 27, 2008 at Richardson Stadium, number 20 was retired as Gordon was honoured with a plaque to recognize his 40 years on the Ontario University Association (OUA) football officials panel. Engraved on the plaque are these words: "Gord provided excellent leadership and was a mentor to many officials that followed. His dedication to football and officiating has inspired others to do the same." During a recent Queen's University football game, a family friend said, "It's not the same without Gord around here."

1970S

Honours

Vijay Bhargava, Sc'70, MSc'72, PhD'74, received the 2014 Canadian Award for Telecommunications Research at the 27th Queen's Biennial



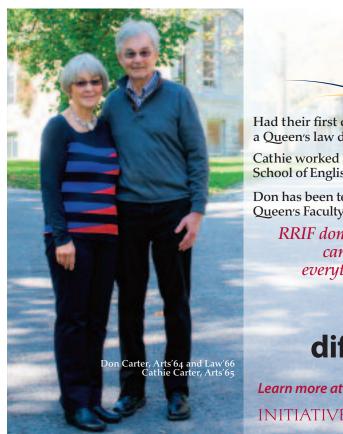
Symposium on Communications held in Kingston in June. Vijay is a professor of electrical and computer engineering at

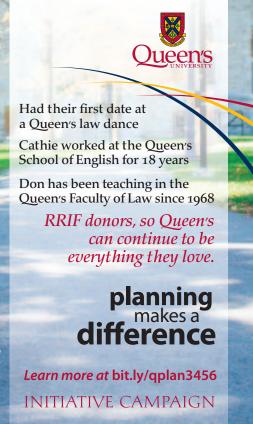
UBC. He lives in Vancouver with his wife, Yolande.

Melodie Campbell, Com'78, received the 2014 Arthur Ellis Award (Crime Writers of Canada) for best crime novella in Canada for The Goddaughter's Revenge. The novella also received the 2014 Derringer award from the Short Mystery Fiction Society in the U.S.

Graham Farstad, MA'72 (Politics) received an award for planning excellence from the Canadian Institute of Planners at its 2014 conference. Graham was honoured for his work, Sea Level Adaptation Primer – a Toolkit to Build Adaptive Capacity on Canada's South Coasts. The project received a gold award (in the category of research and new directions in planning) by the Planning Institute of BC at its Vancouver annual conference earlier this year. Graham is a principal with the Arlington Group Planning + Architecture Inc. in Vancouver.

Catherine West, Arts'72, was awarded honorary life membership by Carl Orff Canada Music for Children/Musique pour enfants in recognition of her years of voluntary work advocating for music education and her leadership in the organization, most recently as editor of the COC journal Ostinato. She has an international reputation as a workshop leader, course instructor and author and has worked with such groups as the National Arts Centre Orchestra, Tafelmusik and the Leonard Bernstein Center. She recently retired from the Toronto District School Board and is now working with the Marilyn Thomson Centre for Early Childhood Education at the Royal Conservatory. Catherine and her husband, lan **Burgham**, Arts'72, spend as much time as they can at their lakefront home north of Sydenham, Ont.





Job News

Hugh Agnew, Artsci'75, is now senior associate dean for academic and faculty affairs at the Elliott School of International Affairs of the George Washington University in Washington, DC, where he is also professor of history and international affairs. Nancy MacLachlan, Mus'75, his spouse, continues to teach music privately and is the mid-Atlantic states representative for the Associated Board of the Royal Schools of Music, a UK-based international organization publishing graded syllabi and administering music exams worldwide.

Brian Evoy, Artsci'78, Ed'80, is now chief of staff for Ted Hsu, Member of Parliament for Kingston and the Islands. Brian manages the MP's Kingston and Ottawa offices. Previously, Brian held positions in the Ontario Public Service.

Tim Page, Artsci'77, is now vice-president, government relations for Seaspan Shipyards, an association of Canadian companies primarily involved in coastal marine transportation,

shipdocking/ship escort, ship repair and shipbuilding services in Western North America. Tim was most recently president of the Canadian Association of Defence and Security Industries.

Mario Pinto, Artsci'75, PhD'80, has been appointed president of the Natural Sciences and Engineering Research Council of Canada (NSERC). Previously, he was V-P, research at Simon Fraser University, where he was also a professor of chemistry.

Family News



Ted Lennox, Sc'74, has sold LPS Aviation Inc. (LPS AVIA Consulting) to MMM Group Limited of Toronto. Founded 22 years ago, LPS AVIA is a consulting engineering company providing aviation and airport

planning and project management services across Canada and internationally. It focuses on circumpolar and resource sector air transportation operations ranging from Siberia to Nunavut. Ted has been appointed V-P and partner of MMM Group. Following two summers working as an intern with the Minister of National Defence and one summer at LPS AVIA as an aerospace and defence analyst, Ted's son James Lennox, Artsci'14, has been accepted into the MPA program at the Royal Military College.

Notes



Gabrielle Sims, Artsci'76, BFA'86, had a showing of her drawings at



KEEPING IN TOUCH

Verb Gallery in Kingston this summer. The show, "Resurrections," featured drawings exploring Gabrielle's experience in 2010, during her daughter Danielle's hospitalization and eventual death, following a stroke. "These drawings have been sitting in my studio for several years," writes Gabrielle, saying that they were a painful reminder of her loss. But this year, she felt ready to share them. "'Resurrections' refers to their physical reappearance, as well as the small acts by which we reaffirm life after a devastating loss."

1980s

Honours

Annette (Saulnier) Bergeron, Sc'87, was named, for the second year, one of Canada's 25 top women of influence by Women of Influence magazine. She was also recently elected to the board of Engineers Canada for a three-year term.

Job News

Colin Blyth, Artsci'84, MBA'87, is senior V-P, commercial for Uranium One Inc., based in Toronto. Colin, whose undergrad studies were in geology, has extensive experience in sales and marketing in the coal, copper, and zinc mining/refining industries.

Colin McGillicuddy, Ed'88, is superintendent of education with the Halton Catholic District School Board with portfolio responsibilities for student success and the Thomas Merton family of schools. He and Eileen Haller, Ed'87, live in Burlington with their children Erin, 12, and Conor, 9. Friends can keep in touch at mcgillicuddyc@hcdsb.org.



Lynn L. Simpson, Artsci'82, MSc'85, Meds'88, is the inaugural recipient of a newly established professorship at Columbia University, the Hillary Rodham

Clinton Professorship. Lynn is the chief of obstetrics, a professor of obstetrics and gynaecology and the director of the division of maternal medicine at Columbia.

Alan Wong, Artsci'87, works for audio solutions company DTS Inc., as director of human resources for the Asia Pacific region. Alan still pursues magic as a passion outside of work. Queen's friends can contact him at awongmagic@gmail.com.

Chris Whyte, MBA'84, is senior V-P, lending at D+H, based in Toronto. Chris leads the company's Canadian lending businesses, including collateral management solutions, Canadian mortgage technology and student lending.

Family News

Deborah Kurschner Clarke,

Artsci'80, has retired from her role as communications manager at the Simcoe County District School Board. She is now an independent communications consultant. Along with outdoor recreation and travel, Deb and husband Glenn Clarke enjoy following the careers and global travels of daughters Katrina, Artsci'09, and Carolyn, Artsci'12. You can contact Deborah through her website: KurschnerClarke.ca.

Bryce McBride, Artsci'89, lives in Abu Dhabi, where he teaches International Baccalaureate economics and mathematics at Raha International School. Bryce married Melanie Culina in August 2013 and Benen welcomed his little sister Isla to the family in December. Bryce's high school economics textbooks, Economics for Canadians and Workbook for the New I.B. Economics, continue to be used by schools in Canada and around the world.

Willi Steinke, Mus'85, MA'92, PhD'02, writes, "I have just taken a year's leave of absence from my job as a psychologist in Toronto, and have embarked on a 14-month sailing trip with my son Duncan, age 18, who is deferring university. We are travelling down the St. Lawrence to Newfoundland, then plan to go to the Caribbean, transit Panama, and head west through the South Pacific. Our voyage is chronicled on the web at facebook.com/opportunitycanada. Please feel free to follow along and send us a note!"

Notes

Don, Artsci'83, and Jeff Breithaupt, Artsci'86, have a new album of original songs, Just Passing Through: The Breithaupt Brothers Songbook Vol. II. The album features performances of the brothers' songs by Juno Award winners Ron Sexsmith, Marc Jordan, lan Thomas, Emilie-Claire Barlow and other Canadian pop and jazz singers.



Calgary Stampede 2014 was a true homecoming for native Calgarians and US residents Toby Wong and Cheryl Scott, both Com'84. Toby brought her children - Madison, 10, and Lincoln, 7, to their first Stampede from Chicago. Cheryl came in from Seattle. Toby writes, "Our mini-reunion included Cheryl's sister, Laura Scott, Com'82, from Calgary and other childhood friends in person while lifelong bestie and classmate Tracy Stone, Com'84, joined us from Toronto by Skype." This marked a pre-Queen's Homecoming reunion, since Cheryl and Laura weren't able to attend their 30th reunion on campus in October. Queen's friends can contact Toby at toby8wong@yahoo.com; Cheryl at cascott510@gmail.com; Tracy at tracystone226@gmail.com; and Laura at lescott@shaw.ca. Seen here, Cheryl, left, Tracy (by Skype) and Toby, right.

Online Spotlight

A close-knit group

In the online Review, read about a reunion of the "Tactile Therapy Club," comprising PhD alumnae in psychology. bit.ly/QAR41475

1990S

Births

Michael Churm, Artsci'98, and Joanna Blackwell welcomed Penelope, a sister for Elora. The family has recently relocated to Hamilton, Ont.

KEEPING IN TOUCH 1990S

Michael is involved with provincial health-care initiatives. He welcomes any correspondence from former friends and colleagues. mchurm@hotmail.com

Ryan Davies, MA'97, PhD'01 (Economics), and Abigail Donovan welcomed Willow Isabella Davies on July 21 in Boston, Mass. Ryan is associate professor of finance at Babson College as well as faculty director of the Stephen D. Cutler Center for Investments and Finance.

Jeff Shaver, Sc'96, and **Sarah Stuart**, Artsci'01, welcomed Andrew James Shaver on March 24 in Toronto. The family lives in Burlington.

Honours

Lisa-Anne Hagerman, NSc'91, received the 2014 Athabasca University Convocation Scholarship for her work in the post-baccalaureate certificate in technology-based learning program. Lisa-Anne has been a professor of nursing at Conestoga College in Kitchener, Ont., since 2006. In 2011, she was the recipient of the college's Innovation Award for her work in the creation of its online inter-professional educational repository.

Online Spotlight

The power of a word

In the online *Review*, read about **Paul Etherington**, Artsic'99, and the Yellow Card campaign. bit.ly/QAR41476

Job News

Gesta Abols, Artsci'97 (JD, U of T), continues to practise corporate law as a partner at Goodmans LLP in Toronto. Gesta has also joined the Faculty of Law at the U of T as an adjunct professor, where he teaches the course *The Art of the Deal*. Queen's friends can contact Gesta at gabols@goodmans.ca.

Jason Balgopal, Com'94, has taken a year-long secondment from his work as an assistant Crown attorney at the Scarborough Crown Attorney's Office (where he has worked for the past 10 years, having appeared in all levels of courts in Ontario), to head up the comprehensive review of the Class Proceedings Act at the Law Commission of Ontario. Jason can be reached at jbalgopal@lco-cdo.org.

lan Ferenci, Sc'98, is manager of technology and advisory services for the Centre for Study of Insurance Operations (CSIO) in Toronto. Ian has worked for more than 16 years in the financial services and telecom sectors. As well as his BSc in electrical engineering, Ian has an MBA from the Schulich School of Business at York.

John St. Marseille, Sc'92 (Civil), MSc'99 (Environmental), has joined the City of Cornwall as general manager of infrastructure and municipal works. John lives with his family in Cornwall, Ont. He maintains his close ties with his civil engineering group for collaborative applied research opportunities and invites Queen's friends to connect with him on LinkedIn.

Matt Simpson, Sc'98, MBA'02, is now president and CEO of Forbes & Manhattan, Inc., a Toronto-based global private merchant bank with focus on the resource sectors. Matt continues as CEO of Black Iron Inc., an iron ore exploration and development company in Ukraine he co-founded in 2010.

Eric Wong, Com'96, is vice-president of Infor Hospitality for Asia Pacific. Eric is responsible for the software company's market in the region. The company designs business software solutions for the hospitality industry.

Notes

Edward Betts, Artsci'91, MA'92 (History), was elected president and chair of the Board of Family Service Toronto, one of the largest and oldest social service charities in Toronto. Ted is also a partner at the law firm Gowling Lafleur Henderson LLP, practising construction and infrastructure law. He lives in Toronto with his wife, Nathalie Foy, and their three boys. Ted welcomes contact from his Queen's friends at ted.betts@gowlings.com.

Pilar Wolfsteller, Artsci'91, moved back to the U.S. in 2013 after spending more than 21 years based in Europe. She and her husband, René Sollberger, have settled in Boston. Pilar works as a senior writer for a professional services firm.



KEEPING IN TOUCH 2000s

Deaths



Natalie (Waczko) Crate, BA'96, of Beverly, Mass., died July 7 after a battle with cancer. She is survived by her hus-

band, Bradley, and daughter, Helena. At Queen's, Natalie, a political studies major, was active in the Model UN. She also studied at the BISC at Herstmonceux Castle. After graduation, she worked as a legislative assistant and policy advisor for Ontario's Minister of Economic Development, Trade and Tourism. Subsequently, she was a policy advisor for the Ontario Ministry of Tourism, Culture and Recreation. Intelligent, curious and quietly confident, Natalie left Canada in 2002 to expand her experience on Canadian political campaigns by working on one in America. A friend who was working on Mitt Romney's 2002 gubernatorial campaign suggested she join it, and she moved to Massachusetts. Recognized for her poise and polite but fierce loyalty, Natalie became a special assistant to Governor and Mrs. Romney. When Romney launched his run for president in 2007, Natalie oversaw scheduling and coordinated delegate tour schedules and briefings. In later years, she worked as a freelance writer focusing on politics and government.

2000S

Births

Douglas Drover, Ed'06, and family welcomed their third child, Jack (John Frederick Douglas) on June 16. "Coming in at a whopping 10 pounds, 8 ounces, Jack will no doubt be trying out for the Gaels in 2032," writes Doug's spouse, Victoria.

Katie (Russell) and Andrew Follwell, both Com'04, welcomed their first child, Emily Ann Russell Follwell on Jan. 16.

Alia Geiger, Sc'00, and Bart van Praag welcomed Christina Willemina van Praag on June 18 in Amsterdam. A sister for Samara and a granddaughter for Chris (Stec), Arts'73, and Bernie Geiger, Artsci'72.

Matej and Chelsea (Gay) Novak, both Artsci'00, welcomed Felix George on April 28. Felix is the first grandchild for Ann, NSc'68, MEd'82, and Wayne Gay, Arts'69, Law'72. Matej and Chelsea live in Toronto where they both work for Mozilla.

Karen (Derose), Artsci'06, and Jeff Seedhouse, Sc'06, welcomed Annabeth Eleanor on Feb. 15 in Toronto. Sharing in the joy were first time grandparents Ann and Stu Seedhouse, Sc'79.

Erin (Denike) Sarantis, Artsci'01, MIR'03, and husband Theo welcomed Evan Christian on March 20. A brother for Nicholas.

Matthew Schurter, Artsci'01, Meds'05, and Nermeen Yahia, Artsci'02, along with their son Zayd, welcomed son Omar Matthew Schurter on April 14.

Tara (Pearson), NSc'07, and William Woods, Com'06, welcomed son Lane Wesley on July 7. He is already adored by big sister Laurel (future Queen's grad of 2034).

Commitments

Kyle Braak, Artsci'05, celebrated his marriage to Anastasiya Shlyakhova on July 21 on the Greek island of Santorini. Joining the couple were Kyle's uncle, retired QSB professor Tony Dimnik, aunt Judith McDonnell, Artsci'01, cousin Steve Sedfawi, Cmp'05, MSc'07, and friends Luis Calzado, Sc'05, Sebastian Ritter, Artsci'04, Cmp'05, and Dennis Kwon, Artsci'02, Ed'03. Kyle and Anastasiya live and work in Copenhagen. Kyle, a grad of the biomedical computing program, develops software for the Global Biodiversity Information Facility, an international organization that facilitates free and open access to biodiversity data.

After six years of dating, Jessica Chan, Artsci'06, Ed'07, and Ericson Viola, Artsci'06, were married Oct. 13, 2013 in downtown Toronto. Members of the bridal party included Jennifer Chough, Aliya Gulamhusein, Stephanie Hsia, Sadia Khandaker, Jennifer Lo, Vaani Murthy, Darren



Wong, Johnny Wong, Jordan Wong and Joshua Wong, all Artsci'06. The couple lives in the GTA where Jessica is a high school science teacher and Ericson is a dentist.

Honours

Ciara Phillips, BFA'00, is one of four artists shortlisted for the 2014 Turner Prize. Ciara, who lives in Glasgow, is nominated for her exhibition, Workshop, at The Showroom in London, where she turned the gallery into a print workshop, bringing in other artists, designers and members of local community groups to make prints with her. The Turner Prize is awarded annually to an artist under the age of 50 for an outstanding exhibition or presentation of his or her work in the previous year. A special exhibition featuring the work of the nominees will be held at Tate Britain from Sept. 30 to Jan. 4. The winner of the £25,000 prize will be announced in December. Each of the other nominees will receive £5,000. You can see Ciara's work online at ciaraphillips.com.

Online Spotlight

From actor to entrepreneur In the online Review, read about Allison Dunbar, Artsci'07, owner of the Summerhill Club, Inc. bit.ly/QAR414767

Finding Uncle Bud's ring Also online, Peter Wilson, EMBA'01, writes about his family's search for a lost Queen's ring. bit.ly/QAR41479

Job News

Karen Boivin, MDiv'07, received her doctorate of ministry in reformed spirituality from the Pittsburgh Theological Seminary this summer. Karen, now the Rev. Dr. Boivin, has served in both the St. Paul's United Church in Carp. Ont., and the Dunrobin United Church in Dunrobin, since 2010.

KEEPING IN TOUCH 2010S

Jason Flowerday, EMBA'04, sold his specialty pharmaceutical company, Orphan Canada, to Knight Therapeutics. Jason is now V-P, commercial operations at Knight. This follows Jason's sale of RxMedia Healthcare Communications in 2012. A bit of extra free time allowed Jason to complete his second (and likely last!) Ironman triathlon at Mont Tremblant.

Shawn Howarth, Sc'01, is V-P, corporate development and investor relations with Avanti Mining, Inc. Prior to joining the Vancouver company, Shawn was an associate director at Standard Chartered Bank, advising clients on mergers and acquisitions in the mining and metals sector.

Shelley Legin, MBA'00, is now V-P, administration and finance for Vancouver Island University. Shelley's community work includes a number of board appointments as well as volunteer roles in the performing arts sector. She has also developed and delivered governance workshops for high-profile boards across Canada. Shelley is in the final stages of completing a Certified Professional Accountant, Certified Management Accountant designation.

Nicolas Marion, Artsci'00, MA'01, has moved to New York City to take a three-year posting as the Department of Finance representative at the Canadian Consulate General.

Joy Peacock, MSc'09 (Nursing), is now executive director of the Association of Registered Nurses of British Columbia. Previously, Joy was executive director of the Yukon Registered Nurses Association. She also had an advisory role to the Canadian Nurses Association and served on the board of the Canadian Council of Registered Nurse Regulators.

Matthew Robinson, Artsci'00, is CEO and portfolio manager of W.A. Robinson Asset Management Ltd. Matthew

has been working with the Sharbot Lake, Ont. company for 18 years.

Sherri Wheller-Pozniak, EMBA'02, is senior client executive, retail solutions with Fujitsu Canada, Inc. in Toronto.

2010S

Births

Syed Tanvin Haque, MFin'13, and his wife, Fariha, welcomed son Ehan, born March 12 in Toronto.

Madeline Wong, MBA'10, and her husband, Matthew, welcomed daughter Amelia Zelda Wong on June 10, which also happens to be the couple's wedding anniversary.

Commitments

Dana Kittle, Artsci'10, married William (Jim) Luckey on Aug. 2 in Houghton, N.Y. They were joined by many Queen's alumni, including Michaela (Ottenbreit) Dawalibi, Sarah Maxwell, Sanam Goudarzi, Lori Chapman, Dan Clow, Shelley Clow and Les Clow. Dana and Jim live in Ottawa. Dana can be reached at dana.i.luckey@gmail.com.

Family News



This spring, **Gillian Craig**, Artsci'14, joined her sister Emma, BFA'12, as a member of the fourth generation of the Craig family to graduate from Queen's. Gillian was hooded by her aunt, Dr. Wendy Craig (Psychology).

Seen here are Helen Craig, Arts'52, PHE'53, Wendy Craig, Gillian Craig, Emma Craig, James Craig, Arts'53, and Geoffrey Craig, Com'81. The first of the 14 Queen's graduates in the Craig family was Vernon Harold Craig, MD 1912, Gillian and Emma's great-grandfather.

Online Spotlight

Change management

In the online *Review*, read about **Kyle Gonyou**, Artsci'10, MPL'12, and his work as a heritage planner. bit.ly/QAR41478

Job News

Casey Burgess, CQEMBA'14, was elected mayor of the City of Wilmer, Texas, having defeated the incumbent by two votes in the May 2014 general election.

Niraj Kumar, PhD'13 (Biology), is a business development specialist with Mitacs Inc., a not-for-profit organization that develops the next generation of innovators with vital scientific and business skills. Niraj connects companies with Queen's graduate students and post-doctoral fellows who apply their specialized expertise to business research challenges. Interns transfer their skills from theory to real-world applications, while the companies benefit from their research expertise.

Notes

Matthew Ponsford, Artsci'10, was reappointed to the position of member-at-large of the Ontario Bar Association's Sexual Orientation and Gender Identity Committee. Matthew is a J.D. (Common Law) and LL.L (Civil Law) candidate in the Faculty of Law at the University of Ottawa. He is currently on exchange at the Faculty of Law, University of Hong Kong.



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Arts and Science

A PLACE TO LEARN, DISCOVER, THINK AND DO.

From the **Dean**

ncompassing New Zealand, England, and rural Saskatchewan, my story is no different than many of those found on campus here at Queen's. Every day at Queen's reminds me that our community is a global one, and that from faculty to staffers to students, we encompass a very broad community. From our Castle in Sussex, to a hard-working Con Ed student from the Northeast USA to the launch of our new 2+2 programs with Tongji University, we celebrate comprehensive internationalization – a strategy that looks beyond recruiting to a global worldview and a cosmopolitan student body and workforce. This year Art History reaches the milestone of 45 years in Venice with an expansion of its program there. As our community broadens, our global ties strengthen. In particular, we welcome a new associate director of international initiatives to the faculty office, Jenny Corlett, Artsci'94, Ed'95, who brings a wealth of experience in ensuring that international students make the most of their time at Queen's. Our definition of community may be changing, but the heart is still the same. The spirit of initiative is what it's about: no matter where you're from, where you're going, or where you've been – a person from Queen's is always part of our family.

Susan Mumm, PhD Dean, Faculty of Arts and Science

ARTS

DEPARTMENT OF LANGUAGES, LITERATURES AND CULTURES International experiences at home and abroad

- ★ LLCU is excited to be celebrating the second year of the Indigenous Studies Minor with 13 concentrators from various disciplines with topics such as Mohawk, Introduction to Aboriginal Studies through to Religions of Native Peoples. bit.ly/indigenousstudies
- ★ The World Language Studies Minor has opened the gateway to literatures and cultures around the globe for over 100 students. bit.ly/worldlanguagestudies
- ★ 15 students from various disciplines are currently taking courses at Fudan University on their "LLCU Semester in Shanghai" exchange from a suite of courses in English, a LLCU Field Research bit.ly/semesterinshanghai

To keep in touch with LLCU visit

queensu.ca/llcu

ALUMNI PROFILE

For 12 years, Jock Climie, Arts'89, Law'94, deftly managed two careers. With the Canadian Football League, he played the slotback positions primarily with the Toronto Argonauts, Ottawa Rough Riders, and Montreal Alouettes.

As a lawyer, he joined the Ottawa firm of Emond Harnden. He is now a partner with the firm. In 2002, TSN approached him to be a commentator on the sports panel during the CFL

season. He has been entertaining and informing a Canadian football-hungry audience ever since. As a 12-year CFL veteran, Mr. Climie brings an abundance of knowledge and insight, offering analysis and commentary from a former player's perspective.

Read Mr. Climie's full story online at queensu.ca/alumni.

DEPARTMENT OF ECONOMICS QED is going places

- ★ Morten Nielsen, Canada Research Chair and the David Chadwick Smith Chair in the Department of Economics, has been named to the Royal Society of Canada's College of New Scholars, Artists and Scientists program. Dr. Nielsen is a research leader in econometrics, the field of study focused on developing methods for the statistical analysis of economic data. bit.ly/MortenNielsen
- The Queen's economics department's study-abroad agreement with the Shanghai University of Finance and Economics (SUFE) is now entering its fifth year. Since 2009 eight students from SUFE have completed one year at Queen's, with a further three currently attending the 2014-5 academic year.

To keep in touch with Economics visit

queensu.ca/economics

DEPARTMENT OF DRAMA Immersion into medieval culture at our castle

- ★In August, Drama students travelled back in time to study medieval dramatic literature and performance at the Bader International
 - Study Centre at Herstmonceux Castle. To conclude their immersive experience, they participated in England's Medieval Festival, performing an excerpt from the 15th century Digby Play of Mary Magdalene. bit.ly/BISCtheatre
- ★ At the new Isabel Studio, Feb. 4-12 the Department of Drama presents If We Were Birds, Erin Shield's retelling of the myth of Procne and Philomena, winner of the 2011 Governor General's Award for Drama.

To keep in touch with Drama or learn more about their upcoming play visit

queensu.ca/drama





SCIENCE

CHEMISTRY

Synergies on the horizon

- ★ The first-year program at the Bader International Study Centre is about to expand by adding chemistry and biology allowing us to fill the first ever science class at the BISC for September 2015.
- ★ Queen's University and the University of Stuttgart, Germany, are work together on the development of a dual master's program in the fields of chemistry, chemical engineering and physics. The two institutions signed a memorandum of understanding (MOU) to begin the process. bit.ly/stuttgartdegree

 To keep in touch with Chemistry visit

queensu.ca/chemistry

DEPARTMENT OF PHYSICS, ENGINEERING PHYSICS AND ASTRONOMYJoining forces for success

★ Queen's attracts world-class astrophysicist. Gilles Gerbier has joined Queen's as the Canada Excellence Research Chair in Particle Astrophysics. Dr. Gerbier is working both in the Department of Physics, Engineering Physics and Astronomy and at SNOLAB in Sudbury, researching the mysteries surrounding dark matter. bit.ly/GillesGerbier

To keep in touch with Physics visit

queensu.ca/physics

ALUMNI PROFILE

When Elamin Abdelmahmoud, Artsci'11, began studying at Queen's, he had a vague idea about what his future career might be. As he progressed through his degree in Gender Studies, and immersed himself into student activities such as writing for the *Queen's Journal*, it became clear that journalism would be his chosen career path.

Just a few years after graduating, Mr. Abdelmahmoud was in his "dream job" as online producer for *The Agenda with Steve Paikin*, TV Ontario's flagship current affairs program. Today, as Social Media Specialist, he manages social media for all current affairs and documentaries with TVO.

Read Mr. Abdelmahmoud's full story online at queensu.ca/alumni.



An agreement with global impact, between Queen's University and Tongji University of Shanghai, brought into being the Sino-Canada Network for Environment and Sustainable Development. This new network provides an exciting venue to deepen the collaboration between China and Canada on issues of water, biodiversity and ecosystem health, enriching our partnership in undergraduate and graduate research and education.

A centrepiece of the new initiative is a comprehensive joint-degree undergraduate degree program in Environmental Science. Starting in the fall of 2015, students in

Environmental Science in the College of Environmental Science and Engineering at Tongji University will have the unique opportunity to complete their third and fourth years of study at Queen's University. Upon completion, students will receive two undergraduate degrees in Environmental Science: one from each partner university.

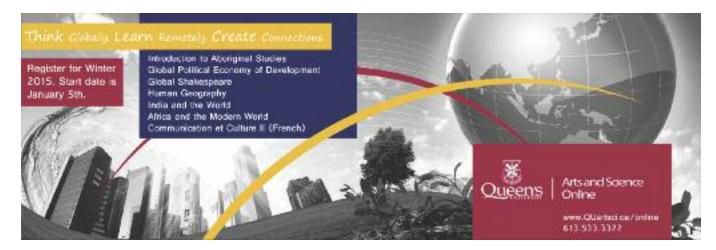
To keep in touch with Environmental Studies visit **queensu.ca/ensc**

FACULTY OF

Arts and Science

Lisa Sykes, Development Officer 1-800-267-7837 ext 75646 lisa.sykes@queensu.ca

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Paying it forward

Brit Smith funds new chairs in Health Sciences

BY KEN CUTHBERTSON, ARTSCI'74, LAW'83

Britton Smith, MC, QC, LLD'09, the founder and executive chairman of Kingston-based Homestead Land Holdings, has given Queen's Faculty of Health Sciences a series of gifts totalling \$9 million. Among them is a \$3.5 million donation to the Department of Surgery to establish the Britton Smith Chair in Surgery and a \$4-million donation to the School of Nursing to establish the Sally Smith Chair in Nursing.

In addition to the new chairs, Mr. Smith has donated \$500,000 toward a chair in surgical research, \$500,000 toward creation of the Paul B. Helliwell Chair in Orthopaedic Research and \$500,000 for a nursing endowment.

Mr. Smith's wife of 68 years, Edith "Sally" (Carruthers) Smith, died in June 2012 after a courageous battle with cancer.

"Sally wasn't a nurse, but she and I certainly had great respect for nurses and the good work they do," says Mr. Smith.

He says that potential donors sometimes overlook the School of Nursing when they're considering support for the Faculty of Health Sciences, and so he wanted to give a sizeable

Mr. Brit Smith

chunk of money where he felt it would make a significant difference.

"Everyone in the School of Nursing was overwhelmed and absolutely thrilled by Mr. Smith's donation, which is the largest by a long way that we've ever received," says Dr. Jennifer Medves, Vice-Dean (Health Sciences) and Director of the School of Nursing.

Brit and Sally Smith, both Kingston-born and raised, long have been generous supporters of their community and of Queen's. (Mrs. Smith was a granddaughter of John Carruthers, who supplied much of the money for Carruthers Hall in 1889). Mr. Smith, who celebrated his 94th birthday in May, gave to the Initiative Campaign to help build the new home of the School of Medicine, and he has also pledged a million dollars towards the project to revitalize Richardson Stadium.

"I grew up in a family that believed if you've been blessed in life and have been fortunate enough to do well, you should give back to the community. I've always tried to do that," says Mr. Smith.

A 1940 graduate of RMC, he served four years during the Second World War with the Canadian army in England and in France, where in July 1944 he was critically wounded. He won the Military Cross for his battlefield bravery. Back in Kingston, Sally Carruthers drove a Red Cross blood donation wagon. The couple was married soon after Mr. Smith returned to Kingston in November 1944.

With his wife's encouragement, Mr. Smith went on to earn his law degree at Osgoode Hall -"Queen's didn't have a law school back then," he hastens to point out – and then practised locally for more than a half century. He served for six years on Kingston city council and wrote two books of local history. In 1954, he started Homestead Land Holdings, now one of Ontario's largest residential landlords, with more than 24,000 units.

"I feel very close to Queen's even if I didn't study there," says Mr. Smith. "I grew up near campus and watched football games at the old Richardson Stadium. I met Sally at a Sunday tea held at the home of Electrical Engineering professor Douglas Jemmett [MA 1911, BSc 1913] and his wife. I have many family members, friends and business associates who are Queen's graduates, and, of course, in 2009 the university was kind enough to award me an honorary degree."



Chairs at Queen's

 \mathbf{F}^{or} the university community, a chair is a position of distinction. Chairs provide the means for universities to recognize, attract and retain top researchers and scholars, both from within the university and from around the world. Research chairs carry special privileges and obligations. For example, chair holders often receive additional funding in order to carry out new and innovative work – funding that may come from public or private sources. Chair holders may also be required to teach undergraduate students or conduct research with graduate students or post-doctoral fellows.

The first chair at Queen's University was the Sir John A. Macdonald Chair in Political and Economic Science, created in 1899. The position was held from 1899 to 1908 by Adam Shortt, BA 1883, the university's first (in 1891) full-time professor of politics and economics (and later an architect of the modern Canadian public service).

The chair that came with a chair

The Douglas Chair in Canadian and Colonial History came with its own custom-made armchair. In 1910, James Douglas, Queen's third chancellor, personally funded the chair and later commissioned an elaborately carved Burmese teak armchair to accompany the position. The first chair holder was W. L. Grant, later principal of Upper Canada College. Since then, the Douglas Chair has been held by a number of distinguished historians, including Duncan McArthur and A.R.M. Lower. The current chair holder is Dr. Don Akenson, a specialist in Irish history. The armchair associated with the position languished for many years in a meeting room in Watson Hall before being restored, in 2010, by Stéphane Doyon, a Master of Art Conservation student. The armchair is now on display in the Special Collections room of Douglas Library.

Canada Research Chairs

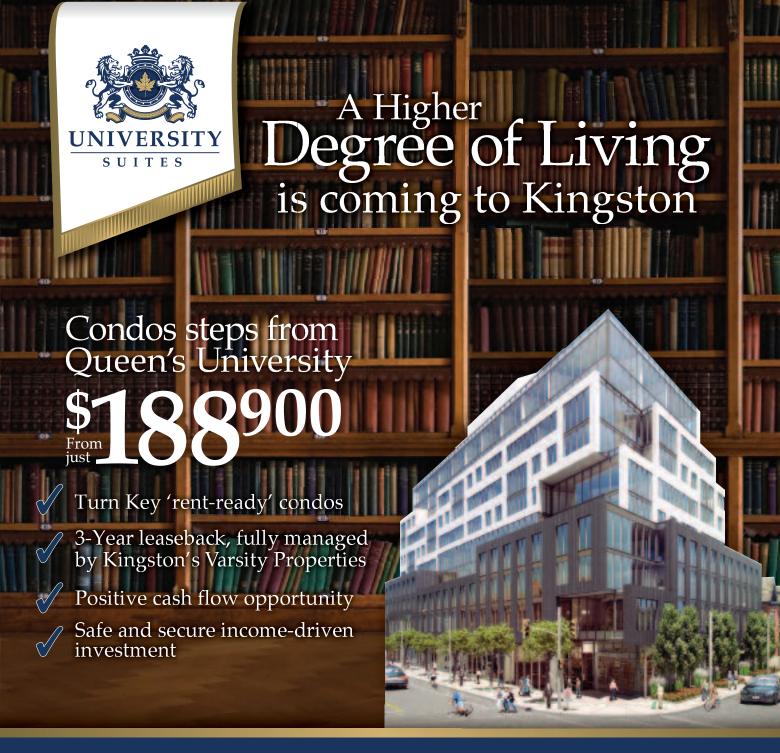
Canada Research Chairs, funded by the Government of Canada, attract and retain outstanding researchers for senior professorships in areas that will further a university's research priorities. Tier 1 Chairs are world-class researchers whose work is recognized internationally. Tier 2 Chairs are emerging world-class researchers who have the potential to achieve international recognition in five to 10 years. Queen's currently has 26 Tier 1 Canada Research Chairs and 19 Tier 2 CRCs. Learn more at bit.ly/QAR41466.

Astrophysics "star" comes to Queen's

World-renowned astrophysicist Gilles Gerbier has joined Queen's as the university's first Canada Excellence Research Chair (CERC) in Particle Astrophysics. Dr. Gerbier is working both in the Department of Physics, Engineering Physics and Astronomy at Queen's and at SNOLAB in Sudbury researching the mysteries surrounding dark matter, one of the building blocks of the universe. The goals of Dr. Gerbier's research include strengthening the Canadian presence in a joint North-American/European SNOLAB project to search for low-mass dark matter particles and facilitating the sharing and transfer of expertise and knowledge between European and Canadian researchers. Read a Q&A with Dr. Gerbier online at: bit.ly/QAR41468. ■



The Douglas Chair



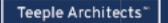
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INITIATIVE CAMPAIGN



Jeen's Benefactors



Principal Woolf speaking with students at the Queen's University International Centre

FROM THE PRINCIPAL Dear Fellow Alumni,

hank you to all who invested in Queen's during our last fiscal year. Every dollar raised supports the Initiative Campaign, the most ambitious fundraising drive in our history. From May 1, 2013 to April 30, 2014, those of you who gave to Queen's did much more than demonstrate your generosity. You showed that you believe in the university. Last year - with a goal of \$60 million - more than \$71 million was generously donated from more than 13,000 donors. This raised the campaign total to \$413.7 million, or more than 80 per cent of the half-billion-dollar goal set to be achieved by 2016.

When you support Queen's, you demonstrate the high value you place on the social purpose of higher education. Here's what your support during the campaign has already achieved:

- More than ever before, we are offering student assistance in the form of scholarships and bursaries to attract the best and brightest students;
- New and renovated spaces and equipment are now available because of donors who care about keeping Queen's at the forefront of student learning and research;
- Research funding, facilities and equipment are also more readily available, all of which are essential to our faculty and researchers tackling society's most vexing problems and:
- More programs are now in place to strengthen our nurturing community. Queen's has always been a community where people look after each other. We have new programs for students focused on their health and wellness, so that they can succeed in school.

I invite you to learn more about the impact of your gifts both in this special section of the Queen's Alumni Review and on the Initiative Campaign website at queensu.ca/initiative.

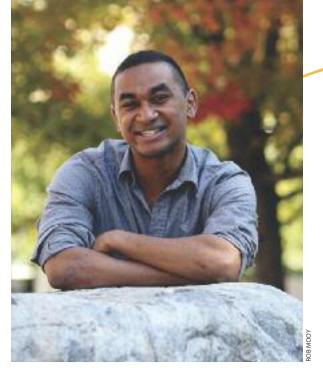
Because of you, Queen's will continue to flourish and pursue a spirit of initiative. Let's see what else we can accomplish, together, by the time the campaign ends in 2016.

Sincerely,

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

Did you donate last year to Queen's?

To read more about the impact of your gift and to find your name among those of our benefactors, visit queensu.ca/initiative/impact



Topher Lamm, Artsci'15

STUDENT RALLIES OTHERS to give back to Queen's

opher Lamm spent plenty of time asking, so he figured he had better give. When he did, he made history.

Topher, 21, has worked at Queen's Telefundraising Services for the past three years. Initially his role was to phone alumni, update them on Queen's activities and arrange donations. Today, he is a student supervisor in the same department.

As a caller, Topher was consistently wowed by the affection that Queen's alumni have for their alma mater. Their stories got him thinking about what Queen's meant to him.

As it turns out, it means plenty. Topher, a political studies and philosophy student, has always been impressed with his professors. He is an active participant in the Queen's Conference on Philanthropy, whose members bring together students from across Canada to make a positive difference in the world through philanthropy.

This, and other Queen's experiences, have motivated Topher to pursue a career in corporate law, preferably in a position with a social justice focus. They also stirred him to become a philanthropist himself.

"Queen's got me to where I am," he says. "I wanted to give back."

To do that, this January, Topher threw a fundraising party at his house to seek a little help from his friends. Someone volunteered to DJ; others loaned lighting and sound equipment. Topher placed a donation jar by the door. Topher's contribution makes him one of the youngest-ever members of Queen's Summerhill Society, whose members have donated between \$500 and \$1000 to the university.

"After I leave Queen's, the clubs will still go on," says Topher. "I'd like to see other students have the same opportunities that I had."

LEVELING THE PLAYING FIELD for all students

↑ any students enrolled at Queen's face special challenges that can make studying hard.

Helping these students succeed academically is the purpose of the Adaptive Technology Centre in Stauffer library. The centre has a wide range of assistive devices to make a person's disability less of a barrier to learning. Large-screen monitors and special magnifiers enlarge text in books; computer programs translate speech into written text; and an FM radio system allows the hard of hearing to listen to audio books.

In addition to technology, the centre's staff teach students how to use the equipment and help them search for library or reference materials. Students also access quiet space for when they need to escape the hubbub of the main library.

The centre provides many of these assistive devices thanks to the generosity of Toronto couple Janice and Colin Walker. Through her work as a critical-care and home-care nurse, Janice has witnessed first-hand how a lack of appropriate technology can frustrate a disabled person's attempts to learn and cause them to fall behind in their studies, or in life.

That's why she and her husband recently established the Jamie Walker Adaptive Technology Fund, named for their son, Jamie, Artsci'11. When he was at Queen's, Jamie took notes for students whose disabilities prevented them from being able to do so for themselves.

"The fund is meant to help level the playing field and give students with physical challenges as much of a chance to succeed as their peers," says Janice Walker.

The Walkers' contributions have done just that. "The Walkers have really made a difference by helping us maintain the tools we have and acquire new ones on our wish list," says Michele Chittenden, the centre's coordinator. "We're really grateful for that."

Nilda Noorani, Com'15, and James McNutt, Artsci'11, BEd'13, MEd'15



TAKING MOOTING

to a new level

practice makes perfect, and for law students, mooting is practice. For students at Queen's Faculty of Law, this practice took a giant leap forward thanks to a \$100,000 gift from Lenczner Slaght Royce Smith Griffin LLP.

Mooting is a mock trial, and participation is a risk-free, yet realistic, practice in a courtroom environment. The gift helps fund expenses for students to attend mooting competitions.

Each year, up to 75 upper-year Queen's law students participate in about 16 mooting competitions in Canada, the U.S. and internationally. Each competition focuses on a real or invented question involving a specific field of law. The judges, practising jurists, use the standards of an actual courtroom.

One high-profile competition in which Queen's has traditionally fared well is the Philip C Jessup International Law Moot. Another high-profile moot, the Arnup Cup, is a trial advocacy competition in which two-person teams from law schools at Queen's, Osgoode, Ottawa, Toronto, Western and Windsor participate.

Last year, Queen's law students Ben Snow and Bryan Guertin (both JD'14) took top honours at the prestigious contest.

"Getting your bearings in a courtroom can be a big challenge when you're used to being in a classroom, and it can be really nerve-wracking," says Mr Snow.

"We're delighted that Lenczner Slaght's gift will enable our law students to continue participating in moot court opportunities in Canada and around the world," says Chris Essert, the chair of the Faculty of Law's Moot Committee. "Queen's law has an excellent track record in mooting and this generous support helps us maintain it."



NEW VISITING ARTIST FUND

boosts film and media learning environment

ilm and media students benefit today from a long-term friendship between Leonard Schein, President, Festival Cinemas, and Susan Lord, Head, Department of Film and Media. Mr. Schein has established a fund for the Visiting Artist in Screen Culture in Film and Media Studies.

His gift will allow film and media students direct access to internationally renowned filmmakers and digital media artists.

Mr. Schein's influence on the Vancouver film industry is legendary. He founded the Vancouver International Film Festival and is now founder and president of Festival Cinemas. His strong social conscience is found in his work supporting agencies such as the Coast Mental Health Foundation, Ecojustice Canada, Inspire Health Society and the Canadian Cancer Society.

In the early 1980s, Mr. Schein employed Simon Fraser University undergraduate English literature student Susan Lord at his Ridge Theatre in Vancouver. Looking back, Dr. Lord attributes her part-time job at the Ridge Theatre with her move from literature to film.

The Visiting Artist in Screen Culture in Film and Media Studies will support the costs of bringing Canadian and international filmmakers and digital media artists to Queen's and to the Kingston community, to share their work and experience in media arts, world cinema and cultural history.

"The visiting artist will spend time with students, present their work at public screenings, and be involved in community events held at (Kingston independent cinema house) The Screening Room," says Dr. Lord. "The visiting artist will be a huge boost to the learning environment in film and media studies."

HIGH PERFORMANCE ROWING CENTRE benefits from parents' gift

ueen's rowers are tough competitors on the Canadian university rowing circuit.

Queen's success comes from the calibre of student athletes and training staff anchored for nearly 40 years by coach John Armitage of the Kingston Rowing Club. The university's dry-land rowing facilities, however, for years consisted of a half-dozen aged rowing machines shoehorned into a corner of a campus gym.

Then, Vancouver lawyer Doug Robinson entered the picture. His daughter, Meghan, was a key member of Queen's women's rowing team and a member of the national women's under-23 squad.

The elder Robinson had been contemplating a gift to thank Queen's for the excellent education and rowing training Meghan received. He had contributed a new boat to the women's rowing team, and a video camera that helps coaches analyze their team's technique on the water. But it wasn't until a visit with his daughter in Kingston that it became clear what he needed to do.

Mr. Robinson suggested that a rarely used dance studio in the Athletic and Recreation Centre be repurposed for indoor training. Others agreed and he supported the purchase of 16 rowing machines and four stationary bikes that now form the heart of the Queen's High Performance Rowing Centre.

The facility fills a longstanding gap in the rowing program.

"Now we have the kind of home Queen's rowers need and deserve," he said.

With his daughter now a Queen's graduate and completing graduate education at the University of Edinburgh, Doug Robinson has some advice for potential donors.

"Find something your family is interested in and support that," says Mr. Robinson. "Small gifts can make a difference."



Chloe DesRoche, Robyn Finley, Jac Minnar, and Danielle Abuson



Professor Kathleen Sellars with Erin Williamson, BFA'17

FINE ART STUDENTS receive gift of new kiln

his fall, Queen's fine art program celebrates its 40th birthday – and it received an early birthday present.

A new kiln – a giant oven used to slowly dry and bake wet clay after sculpting, rendering it hard as glass – now adds a fresh dimension to students' experiences in the program.

Kathleen Sellars, director of the Bachelor of Fine Art program (visual art), says the former kiln was small and limited learning in clay as an artistic medium. In contrast, the new kiln is large enough to hold the creations of all students in each sculpture class section.

The purchase of the kiln was a gift from Greg Guichon, a Toronto investment executive whose daughter, Rachael, was a Fine Art student who specialized in printmaking.

"When I walked through Ontario Hall with Rachael, I could see that the fine art department needed an upgrade in equipment," recalls Greg.

This is not the first time Greg and his wife Susan, Rehab'78, have supported Queen's. The Guichons regularly contribute to the W. Gordon Hamilton Bursary in medicine, which was established in 2004 in memory of Susan's grandfather, Gordon Hamilton, a 1913 graduate of Queen's medical school. Several other members of their family also have strong connections to Queen's.

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Inclusive internationalization

BY WAYNE MYLES, ARTS'70, ED'76, MPL'85

Then I'm asked, "What makes the Queen's University International Centre (QUIC) special?" I find it easy to say – "The staff, the students and the unique role that we play at Queen's." While our work supporting international students and those preparing to study abroad is key to QUIC's mission, it is the intercultural training work in which we have been involved over the past 10 years that may be the most significant contribution that we can make in the years ahead. As the campus becomes more diverse, our institutional challenge is to create an ethos on campus that is welcoming and open to the very different ways of seeing and knowing the world that all members of the campus community bring with them. To this end, QUIC's orientation and intercultural programs aim to assist students to make a successful social, academic and cultural transition to their new home, whether at Queen's or abroad.

Queen's has made significant efforts to add international dimensions to courses and exchange and study abroad opportunities, and to increase the numbers of international students on campus. The key challenge, however, is in helping all members of our campus community to develop the intercultural skills and knowledge to work effectively with the increasingly diverse ways of seeing and knowing the world that converge in our classrooms, our co-curricular activities and in the field. Current research in the field of international education leadership looks at not just the

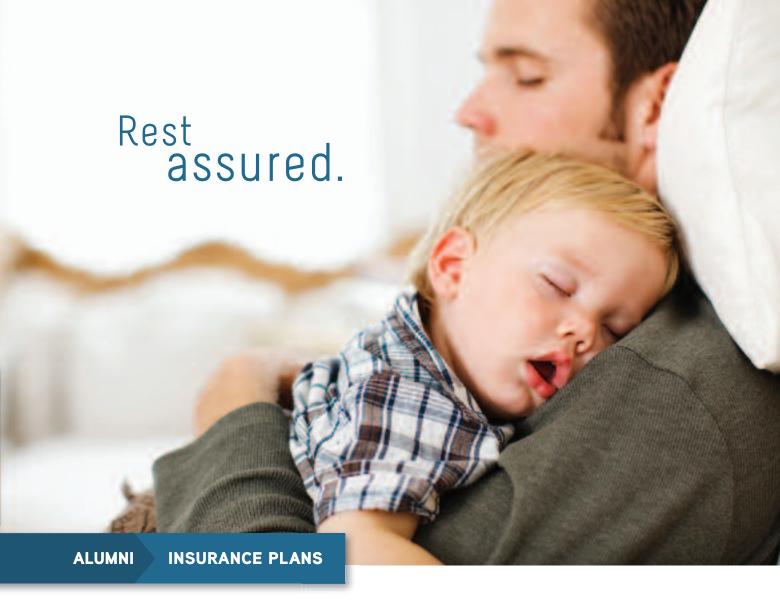
"How well we enable students to negotiate, adapt to and accept difference is the hallmark of the 'inclusive internationalized' campus." "internationalized" campus but also at the "inclusive internationalized" campus. How well we enable students to negotiate, adapt to and accept difference is the hallmark of the "inclusive internationalized" campus. Presenting and practising intercultural knowledge and skills, both in the classroom

and outside of it, can transform the way Queen's graduates make decisions in the world upon graduation. Acquiring intercultural competence is one way of increasing our graduates' competence as global citizens. It is through this process that Queen's can become a truly international university.



What I take away from almost 50 years at Queen's (since I was an undergraduate here and from my 32 years as the director of QUIC), is a tremendous respect for the thousands of international students who have come to Queen's and who have adapted to the social and academic culture here. In many cases, their success in achieving their academic goals required the development of the intercultural competence that I mentioned above. Their success bears witness to their determination and patience. A tribute to Queen's is that many of these students, upon graduation, have taken up prominent roles in government, industry and post-secondary education across the globe and in Canada. The relationships that I developed with so many students and visiting faculty over the years, and with members of the Queen's community who committed themselves to supporting the students through their acculturation process, are invaluable rewards for a job that I loved doing. I am very honoured to have been a part of their lives and a part of the valuable work of the International Centre.

Wayne Myles was director of QUIC from 1982 until his retirement this summer.



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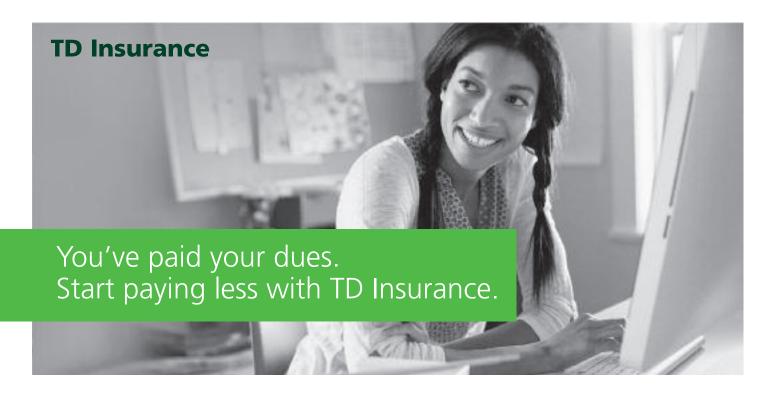


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