HONOURING THE HIP

The Tragically Hip were recognized by the Canadian Cancer Society for their support of brain cancer research. A commemorative plaque was presented to the band in honour of their support for cancer clinical trials at the Canadian Cancer Trials Group (CCTG). See story on Page 2.
Changes to senior academic leadership mandates

BY COMMUNICATIONS STAFF

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To reflect the deputy provost’s new focus on, and accountability for, equity, diversity and inclusion

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changes to senior academic leadership mandates

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Strategic Research Plan renewal process underway

BY COMMUNICATIONS STAFF

The Queen’s Strategic Research Plan is a foundational governing document that supports and guides the institutional research mission.

The current iteration of the SRP will conclude at the end of 2017. Over the past five years, it has supported the research landscape at Queen’s, allowing it to focus, and be shaped by, the successes of our faculty, post-doctoral fellows and graduate students, as well as undergraduate students.

During this time, several federal award programs have contributed significantly to Queen’s research excellence, as has the Queen’s National Scholar program. Partnerships and innovation that extend beyond traditional academic boundaries have continued to grow at Queen’s, and globally, as an important part of the research ecosystem.

Over the next several months, the SRP will be reviewed and refreshed to reflect the evolution of research strengths and accomplishments, and to develop research priorities and future potential with respect to the direction and emphasis of the university’s research mission. The overarching design of the renewed SRP will be to:

- Reflect the diversity, breadth and depth of scholarship across the academy;
- Identify and position areas of institutional strength and excellence for further success through engagement with government, industry, and with regional, national and international partners;
- Identify specific recommendations to guide and support the research enterprise;
- Fulfill the requirements for a variety of funding programs including the federal Canada Research Chairs (CRC) program, the Canada Foundation for Innovation (CFI), the Canada Excellence Research Chairs (CERC) program and the Canada First Research Excellence Fund (CFREF).

A foundational principle underlining the strategic research plan is a commitment to equity, diversity and inclusion, as addressed by the Principal’s Implementation Committee on Racism, Diversity, and Inclusion, coupled with the recommendations of the Queen’s University Truth and Reconciliation Commission Task Force. These principles are important for the successful enhancement of our research prominence through faculty renewal and emerging or established strategic themes of focus.

Interim Vice-Principal (Research) John Fisher and former Vice-Principal (Research) Steven Liss began the renewal process in January 2017 through an initial engagement with the deans, which was paralleled by early discussions with leaders of stakeholder groups and associate deans/vice deans of research. This led to a request of the deans for feedback on the current and emerging faculty priority research areas and a snapshot of faculty investment in research.

The recent external review of research provided a series of insightful recommendations. The process that led to the Canada Excellence Research Chair at Queen’s, the CFREF award in Particle Astrophysics, and the Strategic Mandate Agreement between the university and the province will all be informative in developing and articulating a plan that is appropriately aligned to current opportunities and needs, while identifying a framework to discuss longer-term aspirational goals.

The Senate Advisory Research Committee (SARC) has been informed of the renewal process and a small writing team will be established to support the drafting of the revised SRP. Engagement with the community through a variety of online and in-person engagements are being planned.

The three phases of the renewal are comprised of: 1) Planning, consultation and feedback; 2) Drafting the SRP and soliciting feedback; and 3) Revision of the SRP draft followed by a consultation phase culminating in Senate consultation.

Statement: Racism, diversity, and inclusion final report

In late 2016, I worked with Senate to create an implementation committee which we tasked with expeditiously reviewing past reports on racism, diversity, and inclusion at Queen’s and recommending changes that can be made to build a more progressive campus community.

Earlier today, the Principal’s Implementation Committee on Racism, Diversity, and Inclusion (PICRDI) submitted its final report to me – the result of very intensive consultation, review, and discussion on these important issues at Queen’s over the past several months. Their report is now publicly available on my website.

The report is quite extensive and includes numerous recommendations for implementation, both in the short and long term. Over the next week, I will carefully examine the content in advance of the discussion at the Senate meeting on April 18.

Though Queen’s has made progress on some of these issues in recent years, it is evident that we haven’t done enough and that we must view this as a process which requires constant re-evaluation. Our ability to remain a top-tier university will depend on our ability to embrace change – not because we are under intense pressure and scrutiny, but because it is the right thing to do. We will manage progress through dialogue, action, and concrete actions.

In anticipation of this report, and in light of the report from the Queen’s Truth and Reconciliation Commission (TRC) Task Force, Provost Benoit-Antoine Bacon recently announced that $3 million in funds over the next three years has been earmarked to support existing and launch new initiatives related to equity and diversity on our campus, including but not limited to those outlined in the PICRDI report.

In addition, I am pleased to announce that Deputy Provost Teri Shearer will assume responsibility for senior leadership on equity and diversity at Queen’s. The deputy provost portfolio will be redesigned to bring a diversity and inclusion lens to all aspects of university operations. This will include leading the university’s response to the PICRDI and TRC reports, overseeing the newly created Office of Indigenous Initiatives, and making additional changes that support equity-seeking groups more broadly (for example, LGBTQ+ and persons with disabilities). As the provost’s deputy and a member of the senior executive team, Dr. Shearer is uniquely positioned to oversee institutional changes through her working relationships with the deans, vice-provosts, and vice-principals. More details on this will be announced shortly.

I note that several of the recommendations in the report align with messages which we have received from other Queen’s stakeholder groups over the past year. For instance, it is clear that we must work with students to revise the content of Orientation Week to include mechanisms for training and educating our students on diversity and inclusion in this first week of university.

Last month, the TRC task force released a report that will guide our university community toward sustainable institutional change, and we are hopeful that the PICRDI report will do the same for issues on race and diversity. With these two significant reports in hand, and their alignment with our faculty renewal and employment equity efforts, I am confident that we have started down a path that will lead us to a more inclusive and respectful university.

I thank those of you who provided comments and feedback, which helped inform much of the report, and those faculty, staff, and students who supported the committee and its members. In particular, and on behalf of the entire Queen’s community, I thank the members of the committee for their lasting contribution to this conversation at Queen’s. This was not an easy task to undertake, and yet they volunteered a significant amount of their time and energy to ensure that Queen’s becomes a more welcoming place for all.
Taking records management to next level

BY ANDREW CARROLL, GAZETTE EDITOR

Records management at Queen’s University is a monumental task.

Universities are information-intensive environments and a continual flow of records are created, shared, stored and retrieved every day. There are countless transactions and decisions, student records, employment records and health and safety information and as a public institution the university must ensure that it is meeting its legal requirements in a transparent and accountable fashion.

Working to ensure the entire process is organized, efficient, secure and accessible is the Records Management and Privacy Office, which is responsible for the records management system.

It’s a vitally important process for Queen’s, affecting all offices across the university, says Carolyn Heald, Director, University Records Management and Chief Privacy Officer.

“Part of the importance of records management is to be organized and efficient, to be able to put your hands on the information you need when you need it,” she says. “You certainly need to have things documented for transactional purposes or our own legal rights and entitlement. What we would do if we couldn’t lay our hands on a lease for example, or some sort of contract or be able to prove that this student graduated at this particular time?”

Guiding the process is the Queen’s University Records Management Policy, which defines the purposes and scope of the program and includes 11 principles that provide clear standards and practices.

The Records Management and Privacy Office is also responsible for the administration of Ontario’s Freedom of Information and Protection of Privacy Act (FIPPA) at Queen’s. FIPPA and records management go hand-in-hand: you can’t provide access to information and protect the personal information without good record keeping practices.

Over the years records management has changed, Ms. Heald points out. Increasingly, records are being maintained digitally, mirroring the rise in digital platforms in the workplace. She also sees a greater awareness of the importance of effective record keeping.

“I find that, even though they might not call it records management, people are very interested and aware of it, more so than in the past because they deal with it in their private lives too,” she says. “We all spend lots of time on our computers at home now. Everyone has lots of electronic records and digital photographs and thousands of emails in their inbox. They deal with it at work, they deal with it at home, and I think they do have a sense that there is value in being organized.”

While record keeping is increasingly becoming digital there still is a massive amount of paperwork being produced. These files need to be stored safely and securely and in 2014 Queen’s signed a 10-year agreement with Iron Mountain for this purpose. The university has already stored more than 9,000 boxes of records. Iron Mountain recently opened a facility in Kingston and, starting in June, Queen’s records currently stored in Ottawa will be moved to the new facility.

Having the records nearby will have a number of positive effects, Ms. Heald explains, including quicker and easier access to records when needed.

More than 30 units at Queen’s are currently involved in the Iron Mountain program and can access their records through an online portal called Iron Mountain Connect. The Records Management and Privacy Office has also set up a records management contacts network for staff to make connections and talk about best practices and will be launching a training program to address a range of needs through online videos or in-person meetings.

“As much as possible we are trying to empower units to manage and handle their own records,” says Jordan Phoenix, Records Manager. “They are able to send records for storage themselves and recall them and manage them at Iron Mountain. There are certain things they can’t do without central approval, so the final removal and destruction of records will always pass through the Records Management and Privacy Office to confirm that, yes, these records have timed out and are allowed to go.”

The vast majority of records – up to 95 per cent – will be destroyed but exactly when depends on the type of records they are. For example, financial records must be kept for seven years, while some workplace health and safety records must be kept for 40. Records that have historical value are transferred to Queen’s Archives for permanent preservation. Queen’s Archives also plays a key role in the records management process, writing the records retention schedules with the cooperation of the various units across the university.

Iron Mountain is also a corporate sponsor of the Queen’s Gaels. Through a separate contract the company also provides shredding services for Queen’s.

For more information, visit the Records Management and Privacy Office website (queensu.ca/accessandprivacy/home).

Fostering connections at Royal Society of Canada seminar

BY COMMUNICATIONS STAFF

Four members of the Royal Society of Canada will be presenting their ongoing research at an upcoming event being hosted by Queen’s University on Saturday, April 22.

Four researchers – three from Queen’s and one from Carleton University – will provide insights into their work at the Eastern Ontario Regional Seminar of the Royal Society of Canada, set for the University Club from 10 am-4 pm.

The schedule of presentation includes:

- 10 am: Ugo Piemelli, FRSC, Department of Mechanical and Materials Engineering – Queen’s University “Turbulence simulations: unravelling disorder, one vortex at a time”
- 11 am: Una Roman D’Elia, College of New Scholars, Artists and Scientists, Department of Art History and Art Conservation – Queen’s “Donatello and Poggiasalphos”
- 2 pm: Elizabeth Eisenhauer, FRSC, Department of Oncology – Queen’s “Moving from the lab to the clinic – 30 years of progress in cancer treatment”
- 3 pm: Donald Beecher, FRSC, Department of English - Carleton “Boccaccio’s ‘Tale of Titus and Gisinipius’ (Decameron X.8) with a Coda on Friendship from a Cognitive Perspective”

Along with presenting the research by Fellows and Members of the New College of Young Scholars Artists and Scientists one of the goals of the seminar is to foster discussion and connections, explains Pierre du Prey, Professor Emeritus in the Department of Art History and co-chair with Mike Sayer, Professor Emeritus in the Department of Physics, Engineering Physics and Astronomy.

“Participants, including our four speakers each year, make fruitful contacts among each other and the audience; contacts which stretch between the four universities represented and which cross disciplinary lines,” says Dr. du Prey. “Overarching themes emerge as if by magic from the diverse papers presented and the discussion that follows them. In this way arts and science become reunited by the common quest for knowledge.”

After 12 years at the helm, Dr. du Prey and Dr. Sayer are handing over direction of the forum, confident that it is set on a stable course, and bound for exciting new destinations. Hosted by Queen’s and actively encouraged by RSC, it gives New Scholars and Fellows of the Society, as well as members of the general public, a chance to benefit from discourse at the highest level. The presentations are open and free to the public.

RSVP by April 19 at sayerm@queensu.ca, or 613-533-4853.
A highly-anticipated tradition during the spring exam study period, Principal Daniel Woolf and Julie Gordon-Woolf handed out 1,500 sugar cookies to students at Queen’s University’s libraries, including the Education Library, Bracken Health Sciences Library, Lederman Law Library, Douglas Library and Stauffer Library on Sunday, April 9. The cookies were sponsored by the Queen’s University Alumni Association while the Queen’s Student Alumni Association helped bag the treats.

Students recognized for inclusivity efforts

A pair of students have been recognized for their efforts in making Queen’s a more welcoming and inclusive space.

Kayley Pugh (ConEd’17) and Joshua Colangelo (ConEd’18) are this year’s recipients of the Positive Space Award, which recognizes students who provide exceptional service to the Queen’s community in the area of sexual and gender diversity.

Ms. Pugh was recognized for her work in building a sense of belonging and safety for the LGBTQ+ community. During her time at Queen’s she has organized parties in her own house, providing a judgement-free, positive space where “anyone who is welcoming is welcome.” Funds raised at the events are donated to the Kingston Youth Shelter.

Mr. Colangelo is described as the “most understanding and approachable person.” As an orientation leader he was always open to discussions on sexuality, the spectrum of sexuality and “how we can all work together to make the Queen’s community a more accepting environment.”

“The Positive Space Award is such an important initiative from our perspective so that the folks who work tirelessly across campus to make strides in the area of sexual/gender diversity finally get the recognition they are due and rarely receive,” says committee member Mike Young, Educational Programming Assistant, Human Rights Office. “Kayley and Joshua are two shining examples of the dedication, energy, and character we hope this award exemplifies and will encourage in those as we move forward.”

Since 1999, the Positive Space Program has facilitated the celebration of sexual and gender diversity at Queen’s, with the aim of ensuring that all members of the community are affirmed and supported. Students, faculty and staff are encouraged to post Positive Space stickers in their work, living, or study areas. Participants seek to overcome both overt and subtle forms of discrimination and harassment, to avoid making assumptions about anyone’s sexual orientation or gender identity, and to signal that all are welcome.

The Positive Space Program is co-sponsored by three groups: AMS committee Education on Queer Issues Project (EQuIP); Ontario Public Interest Research Group (OPIRG); and Queen’s Human Rights Office.

For more information visit the Positive Space webpage (queensu.ca/positivespace/).
A proactive, preventive approach to student wellness

BY ANTHONY J. SANFILIPPO, MD, FRCP(C), ASSOCIATE DEAN, UNDERGRADUATE MEDICAL EDUCATION

Preventive medicine: Medical practices that are designed to avert and avoid disease. For example, screening for hypertension and treating it before it causes disease is good preventive medicine. Preventive medicine takes a proactive approach to patient care.

Clinical medicine and medical education often intersect in intriguing ways. The concept of Preventive Medicine, defined above, is well understood and accepted in medical practice. Fundamentally, the concept involves:

1. Identification of modifiable conditions that promote development of a particular disease, called "risk factors." (The term "modifiable" is key here, since many known risk factors, such as family history and age, are beyond our ability to influence.)
2. Detection of those who harbour the risk factor
3. Development and implementation of strategies or treatment to neutralize the culprit risk factor

In my own field of cardiology, hypertension, hypercholesterolemia, and smoking are among the most well-established risk factors, all known to contribute to the development of coronary and cerebral vascular disease. All are modifiable through lifestyle changes and appropriate application of medications.

The challenge of preventive medicine, of course, is that folks who have these risk factors are unaware and feel fine before they actually develop symptomatic manifestations of vascular disease. It's often therefore difficult to detect them and, once detected, convince those at risk that they should change their lifestyle or accept the need to take a medication (with potential for unwelcome side effects). The challenge for physicians promoting and practicing Preventive Medicine is therefore considerable. It requires them to not only be aware of the science and evidence related to risk modification, but to develop personal and effective relationships with their patients. It requires much more than dogmatic pronouncements. "Do what I say because I know better" seldom works, or survives the first minor adverse effect. It requires, dare I say, a relationship of trust. Patients accept preventive treatments not because of the diploma on the wall, but because they trust the intentions and motivations of the person providing the advice. That trust, in turn, is rooted in a distinctively human and interpersonal perception that the physician truly cares for them and is making recommendations solely on that basis. Patients, I've come to believe, possess an almost instinctive ability to perceive authentic altruism in medical encounters.

Medical students are also an "at risk" population. As many studies have demonstrated, rates of "burn out," mental disorders and even suicide, exceed rates expected in the general population.

Unfortunately, prevention of medical student risk remains an imprecise science, with much superior data but little objective evidence that would guide appropriate preventive interventions. Nonetheless, here at Queen's and at medical schools across the country, curricular leaders are not content to simply respond to crises that emerge, but are developing approaches they hope will raise awareness and allow students to identify and modify risk in themselves and their classmates. They are, in essence, extending the principles of Preventive Medicine to the world of medical education.

At Queen's, Dr. Renee Fitzpatrick and the Student Affairs team has developed a Wellness program that is not an "add-on," but rather embedded within our core curriculum. That approach embraces multiple components, including didactic content, embedded scenarios, easy and confidential access to help, and Wellness Retreats. The latter are half-day sessions planned in conjunction with the students themselves, to promote awareness and preventive interventions.

The major challenge, as with any preventive strategy, will be to reach those who are at risk but unaware, and are therefore the most reluctant to engage the issue with necessary commitment. The reluctant include both students and faculty. In addressing this difficult but critical challenge we must recall the lessons of the clinical world, that effective intervention must be rooted in the development of trust, that trust evolves naturally from truly caring about the welfare of those affected.

This column was first published on the Undergraduate School of Medicine Blog (meds.queensu.ca/blog/undergraduate).
Awards Gala celebrates outstanding alumni

BY COMMUNICATIONS STAFF

The chair of the Queen's Initiative Campaign, a former Queen’s rector, and a doctor with a passion for teaching were honoured at the Queen’s University Alumni Association (QUAA) Awards Gala on April 8.

The event was hosted by Principal Daniel Woolf (Artssci’80) and QUAA Volunteer President Sue Bates (Artssci’91).

“The QUAA Awards are a wonderful way to honour alumni for their hard work and contributions,” says Ms. Bates. “Thank you to the students, staff and my fellow alumni who submitted nominations. I’m also grateful to the association volunteers whose dedication make the awards possible.”

Every year, QUAA members and the Queen’s community nominate individuals for 11 awards honouring students, professors, alumni and volunteers and their exceptional impact on the communities they serve.

The Queen’s University Alumni Association Awards Gala recognizes students, professors, alumni and volunteers and their exceptional impact on the communities they serve.

The Chair of the Initiative Campaign, Gord Nixon (Comm’79, LL.D’03) received the Alumni Achievement Award, the highest honour bestowed by the Alumni Association. The former Royal Bank of Canada CEO and Gaels rugby player has a long history of volunteering and supporting his alma mater. Dr. Nixon and his wife, Janet, recently made a significant gift to Queen’s in support of the revitalization of the campus rugby field, which is now named Nixon Field.

It’s not every day that students nominate their professor for an award, but Department of Medicine Professor Michelle Gibson (Med’13) is clearly exceptional. Dr. Gibson received the Alumni Award for Excellence in Teaching Award. Her passion goes beyond simply teaching students: she is involved in curriculum development and student assessment. Her nomination is a true testament to her dedication to her students and her impact in the classroom.

Mike Young (Arts sci’16) was presented with the Outstanding Student Award. Mr. Young is known to Queen’s students and alumni alike for his role as Rector. Since Mr. Young came to Queen’s, he has been a peer leader on campus and an advocate for mental health, student equity and autonomy. Inside and outside the classroom, his greatest wish is to do what he can to ensure more Queen’s students have the same positive experience.

Also recognized were:
• Alumni Humanitarian Award – John Macintyre (Comm’78)
• Alumni Mentorship Award – Greg McKellar (Arts sci’78, MA’84)
• Herbert J. Hamilton Volunteer Service Award – Kathy Owen (Arts’67)
• Marsha Lampman Branch Volunteer Award – Monica Dingle (Comm’02)
• One to Watch Award – Clean Slate - Taylor Mann (Arts’14), Scott Mason (Arts’15), Oleg Baranov (Sc’15)
• Rising Volunteer Award – Theresa Wetzel (Arts’07)
• Initiative of the Year Award – Calgary Career Management Panel - Calgary Branch.
Making the big pitch

BY COMMUNICATIONS STAFF

The Dunin-Deshpande Queen’s Innovation Centre (DDQIC) recently handed out a total of $28,000 to six companies that participated in its first-ever regional pitch competition.

“The support of the Dunin and Deshpande Foundations makes it possible to provide this type of financial support to QyourVenture and to support ventures in southeastern Ontario,” says Greg Bavington, Executive Director, Dunin-Deshpande Queen’s Innovation Centre.

DDQIC hosted the regional pitch competition with the goal of supporting early-stage companies based at Queen’s and the surrounding area.

The pitch competition was open to anyone with a business idea who has not already received more than $5,000 in support from DDQIC. The field included several companies from QyourVenture, an acceleration program which supports Queen’s students who want to take their idea to the next level. QyourVenture accepts companies on a regular basis throughout the school year, giving them access to space and training for their business venture.

The pitch competition was judged by members of the DDQIC Global Network in London, England, who connected via videoconference, along with the DDQIC executive team. Chaired by Heather Christie (Arts’09), the London branch is supported by 13 Queen’s alumni who come from a variety of different professional and education backgrounds. This branch offers support to DDQIC ventures that want to expand into the UK and the rest of Europe.

The winning ventures at the pitch competition included:

- **TimberWolf Cycles** ($5,000) – The company, founded by David Timan (Sc’13), produces high-performance road bikes made from wood. Using a variety of woods, Mr. Timan has designed a bike that softens road vibration while efficiently delivering power to the road through an exceptionally lightweight frame.
- **Capteur** ($5,000) – A QyourVenture company, Capteur enables building operators and maintenance companies to ensure facilities are always clean and operating according to sustainable environmental practices. Cole MacDonald (Sc’19) and Nathan Mah (MEng’17) founded the cloud-based technology start-up.
- **Robot Missions** ($5,000 plus time in SparQ Studios) – Robot Missions, founded by Erin Kennedy, has developed a 3D-printed robot that collects harmful tiny trash debris from shorelines. The company’s robot workshops enhance STEM education for elementary students by applying robotics to the environment.
- **Your Mobility Innovations** ($4,000) – Founded by Loyalist College students Dylan Houlden and Brett Lyons, the company designs and produces products to improve the lives of people with physical disabilities and the elderly. Mr. Lyon, who was born with cerebral palsy and confined to a wheelchair, had the idea for an adjustable grab bar when he was eight-years-old. The founders are trying to turn that idea into a reality, working with several partners including Queen’s Biomedical Innovations Team, PARTEQ, and Queen’s Business Law Clinic.
- **Pronura** ($4,000) – Pronura plans to commercialize a non-invasive, inexpensive method for testing for multiple neurological diseases at the same time – all with accuracy unseen in any current tests. The test, developed by Dr. Douglas P. Munoz of the Queen’s Eye Movement Laboratory, uses an eye-tracker to detect unique biomarkers associated with multiple neurological diseases.
- **SŌ Seeds** ($3,000 plus in-kind donations from the Department of Chemical Engineering) – The venture aims to disrupt the tree-planting industry by replacing saplings with coated super-seeds. SŌ Seeds was founded by five chemical engineering students as part of their innovation and entrepreneurship course under the mentorship of Jim McEIlann, Professor and Academic Director, DDQIC.
- **SWFT** ($2,000) – The start-up focuses on developing portable and wireless charging solutions for festivals, stadiums, transit systems, theme parks, and other venues. The service allows patrons to charge their phones without being tethered to charging stations. Friends Greg Fedele (Com’17) and Anish Sharma (Sc’17) founded the company.

The School of Computing hosted Creative Computing: Art, Games, Research on April 6 at the Biosciences Atrium. The day highlighted the work of undergraduate and graduate students with hands-on demos, presentations, and posters from a selection courses, with topics including game design and game technology, computing and the creative arts and more.

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Through a variety of programs, services, and resources, the Dunin-Deshpande Queen’s Innovation Centre encourages, enables, and supports the innovation activities of students, professors, entrepreneurs, and Canadian companies.
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- Jennifer Nelson (Physiotherapist)
- Karen Mangan (Physiotherapist)
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One of the oldest English-language books in the world is now sitting on the shelves of the Schulich-Woolf Rare Book Collection at Queen’s University. The university recently acquired a 1482 copy of William Caxton’s Polycromonium – a book so rare that only about 50 copies, in any condition, are known to exist. Distinguished Canadian philanthropist and entrepreneur Seymour Schulich and Queen’s University Principal Daniel Woolf recently partnered to gift their personal collections of rare books to Queen’s. In recognition of their generosity and vision, the university has established the Schulich-Woolf Rare Book Collection, which resides in Douglas Library, and combines more than 400 volumes from the personal collections of Mr. Schulich and Principal Woolf. “Acquiring a Caxton will help us achieve our goal of building one of the best English rare books collections in Canada,” says Mr. Schulich, who also donated a $2-million gift to the university to toward the growth and preservation of the collection.

The 1482 Caxton adds to the library’s collection of incunabula – books from the earliest period of printing (1455-1500). It allows Queen’s students and scholars a unique opportunity to have firsthand access to a Caxton to research a variety of topics: the history of books and printing; medieval and English history; and the history of the English language.

“This 535-year-old copy of Polycromonium is the crown jewel of the collection,” says Principal Woolf (Arts’80). “I am thrilled that students and scholars at Queen’s can now study first-hand a book of such historical significance.”

The main strength of the Schulich-Woolf Rare Book Collection is British history and culture of the 16th through 18th centuries. Polycromonium – which is a chronicle of British and universal history – is a great fit for the collection. This collection will serve to enrich the teaching and learning experience at Queen’s and support research activity across the broader academic community.

“We are so pleased to be able to expand on this important rare book collection and provide our community with a unique glimpse into the past,” says Martha Whitehead, Vice-Provost and University Librarian. “The flow of ideas and information that we champion in the library depends as much on these print artifacts as on the digital resources we manage and preserve.”

William Caxton (1422-1491) was one of the pioneers of printing and his books are rare and valuable. He was the first printer in England and the first to print a book in the English language.

“When you examine the book, many pages have hand-written notes on the sides,” says Alvan Bregman, Curator of the Schulich-Woolf Rare Book Collection. “Usually we don’t want to add any new markings in our books, but it is interesting to see what 16th and 17th century readers have written. We want to see the natural use of books, so this is a great additional feature.”

The exhibit also includes a section on the 2015 Nobel Prize in physics, which Dr. McDonald shared with Japanese physicist Takaaki Kajita. There are images from Nobel Week in Stockholm and a display of the Nobel Medal, citation, and artwork. Exhibit artifacts include unique detector components developed especially for SNO, as well as a scale model of the SNO detector.

Another area of the exhibit shares interviews with young scientists who started their scientific careers with SNO.

The SNOLAB Institute is operated under a trust agreement between Queen’s University, Carleton University, University of Alberta, Laurentian University, Université de Montréal, and Vale, and includes external and international membership from both academic and industrial sectors.
**Research**

**Exposing the source**

**BY CHRIS ARMES, COMMUNICATIONS OFFICER**

Researchers at Queen’s University and Kingston Health Sciences Centre have published the first set of findings stemming from the Kingston Allergy Birth Cohort — a study tracking the developmental origins of allergies in nearly 400 mother-child pairs from pre-birth into early childhood.

The study confirmed a number of previously-known factors that play a role in the development of respiratory symptoms, and also uncovered a new link between air fresheners and respiratory issues. Researchers looked at parent-reported symptoms of respiratory symptoms — such as wheeze, recurrent infections, use of asthma medications, etc. — in the first year of a child’s life, as well as external and internal factors that play a role in the development of allergies.

“In the Kingston Allergy Birth Cohort is truly a novel experimental group,” says Anne Ellis, the study’s lead author and an associate professor in the departments of Medicine and Biomedical & Molecular Sciences. “Kingston has a number of unique characteristics such as a rate of smoking that is above the national average, a rare mix of urban and rural populations and a wide array of socioeconomic levels. All of these factors allow us a unique insight into factors involved in allergy.”

The cohort study examined the patient’s exposures — the combination of all internal and external factors that can play a role in health of a patient. These include general external factors (such as socioeconomic status), specific external factors (such as exposure to cigarette smoke), and internal factors (such as age, parental history). Dr. Ellis and her team were then able to determine which exposures were already significantly associated with each other and control for the factors individually to determine which correlations could be more meaningful.

The researchers uncovered a previously unknown positive correlation between the presence of air fresheners in the house and respiratory symptoms, independent of other factors. The study also confirmed a number of previously known correlations between exposure factors and likelihood of developing allergy symptoms. Exposure to tobacco smoke during pregnancy increased the likelihood of respiratory symptoms, while post-natal factors such as breastfeeding, the presence of older siblings or the mother being obese were associated with lower instances of allergy.

Dr. Ellis says the ability to follow the cohort — many of whom are now three to five years of age — through time will allow for a more thorough understanding of the factors contributing to allergy development. Further studies involving the cohort group are underway, using skin tests to identify allergies, as well as in-home investigations.

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**Achieving a long-time goal**

**BY CHRIS ARMES, COMMUNICATIONS OFFICER**

A momentous achievement in a long and distinguished career, Queen’s civil engineering professor R. Kerry Rowe has achieved a long-time goal last month when he delivered the Karl Terzaghi Lecture at the invitation of the American Society of Civil Engineers (ASCE) Geo-Institute.

“The experience as the achievement of a goal held since his time as a graduate student,” says Anne Ellis, the study’s lead author and an associate professor in the departments of Medicine and Biomedical & Molecular Sciences. “Kingston has a number of unique characteristics such as a rate of smoking that is above the national average, a rare mix of urban and rural populations and a wide array of socioeconomic levels. All of these factors allow us a unique insight into factors involved in allergy.”

Dr. Rowe has been at the forefront of developing new methods for preventing contaminants from entering groundwater. His work has received countless accolades, including the Killam Prize for Engineering (2004). He has also been elected a Fellow of both the Royal Academy of Engineering (2010) and is the only Canadian civil engineer elected to the Royal Society in the UK. In 2013, the International Society for Soil Mechanics and Geotechnical Engineering honoured him by naming the R. Kerry Rowe Lecture in the formation and development of the discipline.

“Dr. Rowe is a pioneer in the field of geosynthetics and has made immeasurable contributions to the development of new technologies and methods to prevent the contamination of water sources by mining and landfill activity,” says John Fisher, Interim Vice-Principal (Research). “Being invited to deliver this prestigious lecture is indicative of Rowe’s national and international leadership in civil engineering. I wish him my most sincere congratulations.”

While acknowledging that the invitation was a deeply personal honour, Dr. Rowe is quick to highlight the contributions of colleagues as well as past and present graduate students in allowing for the work for which he is most well known.

“Recognitions such as these are not just as a result of my work, but the work of a fantastic set of colleagues that I have at Queen’s and the graduate students I’ve had the privilege of working with over the years,” says Dr. Rowe. “This is not just a recognition of me, but of our work together and that a lot of the credit goes to them.”

Kerry Rowe delivered the ASCE Terzaghi Lecture this past March. He described the experience as the achievement of a goal held since his time as a graduate student.

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**Grad Studies**

**SCHOLARSHIPS**

Three Queen’s students have been chosen as 2017-18 recipients for Graduate Scholarships for Study and/or Research from the German Academic Exchange Service (DAAD). Two of those selected are current graduate students at Queen’s Soren Mellerup is a PhD student in chemistry and is also a Vanier Scholarship holder and Parisa Abedi Khoozani is a PhD student in Neuroscience. Julia Kostin is a recent undergraduate student who applied to DAAD directly.

A total of 146 awardees chosen out of a pool of 795 applicants from the U.S. and Canada.

**THESIS DEFENCES**

**Friday, April 21**


**Thursday, April 27**


**Friday, April 28**

Jaime Wong, Mechanical and Ma- terials Engineering, ‘Wing Kinemat- ics and Flexibility for Optimal Ma- neuvering and Escape’. Supervisor: D.E. Rival, 312 McLaughlin Hall, 10 am.

**Monday, May 8**


**Tuesday, May 9**


**Tuesday, May 16**

Faculty of Law announces new professorship

New Professorship in Corporate Law and Finance commemorates notable figure in Canadian corporate law

BY COMMUNICATIONS STAFF

For Queen’s Law, it is a second named professorship in less than 24 months — and a tribute to a beloved alumnus.

Coming into effect for the 2017-18 school year, the Stephen Sigurdson Professorship in Corporate Law and Finance will further increase the law school’s breadth of business law offerings. Its namesake was a member of the Dean’s Council, and one of Canada’s most celebrated figures in corporate law, prior to passing away in 2016.

“Stephen was a leading voice on our Dean’s Council, and in corporate law nationally,” says Dean Bill Flanagan. “It is only fitting that his name graces a professorship that supports leadership in corporate law and finance.”

The Sigurdson Professorship builds on a robust existing business law program, including the Bader International Study Centre program in international business law, the Queen’s Business Law Clinic, and the Law’80 Visiting Scholar in Business Law program.

It joins the Allgood Professorship in Business Law as Queen’s second named law professorship. The Allgood Professorship, established in 2015, appointed Professor Mohamed Khimji as its inaugural professor in 2016.

“This professorship marks a significant moment for Queen’s Law,” Professor Khimji says. “As we work toward the further design and development of our business law program, a second professorship will both accelerate that work and further establish Queen’s as a national leader in the field.”

A graduate of the Queen’s Law class of 1984, Stephen Sigurdson spent the first two decades of his distinguished career at Osler, Hoskin & Harcourt LLP, later joining Manulife in 2010 and serving, among other things, as its executive vice-president and general counsel, and chief legal officer for Manulife globally.

“The outpouring of recognition and support for this professorship was remarkable,” Dean Flanagan says. “From his former classmates to colleagues, people remembered both Stephen’s contributions to corporate law and his exemplary character as a warm, generous and deeply ethical lawyer. I am pleased and proud to have this professorship bear his name; it will be a fitting tribute to Stephen and his many contributions to both the profession and our school.”

The Sigurdson Professorship was created through the generous contributions of Queen’s Law alumni and donors, who raised a $1.5 million endowment to support the position.

The professorship will be officially announced at Celebrate Queen’s Law, an annual alumni event in Toronto, on May 4.

Stephen Sigurdson was a member of the Dean’s Council for the Faculty of Law, and one of Canada’s most celebrated figures in corporate law. The faculty’s second named professorship in less than 24 months is named in his honour.
SPRING CONVOCATION

Thursday, May 25, 10 am
Ceremony 1: School of Graduate Studies, Smith School of Business (Participating programs: MFIN, MBA, MIB, MBA, MGT, MBA, MIR). Grant Hall

Friday, May 26, 10 am
Ceremony 3: Smith School of Business, School of Graduate Studies, School of Medicine, School of Nursing, Honorary Degree Recipient: James Rutka, DSc. Grant Hall

Friday, May 26, 2:30 pm
Ceremony 5: School of Graduate Studies, Smith School of Business (Participating programs: MBA - Americas; MBA - Executive; Education – Graduate programs). Grant Hall

Friday, May 26, 6:30 pm
Ceremony 8: School of Graduate Studies, Faculty of Engineering and Applied Science (Participating programs: Design & Manufacturing; Engineering Physics; Mechanical & Materials Engineering). Guest Speaker: Stephen Smith, LLD. Athletics and Recreation Centre (ARC)

Tuesday, May 30, 9:30 am
Ceremony 9: School of Graduate Studies, Faculty of Arts and Science (Participating programs: Anatomy & Cell Biology; Anatomical Sciences; Biomedical & Molecular Sciences; Chemistry; Medicine; Microbiology & Immunology; Neuroscience; Pathology; Pediatrics; Pharmacology & Toxicology; Physiology; Public Health Sciences; Sociology). Honorary Degree Recipient: Gururaj and Jaishree Deshpande, DSc. Grant Hall

ACROSS

1) Antikleines
6) University in Texas
11) “This means ___!”
13) For all to hear
15) Truly love
16) Anger
17) They are see-through
19) “... heat, ___ gloom of night ___”
20) “Mode” preceder
21) Munched
22) Tall Australian bird
23) Becoming morning
27) Like some humor
29) ___ Wan Kenobi
30) Jewish homeland
32) Below-the-belt comment
33) Animal house
34) “Come in!”
36) Noisy thing to do?
39) Roams
41) Auctioneer’s hammer

Sudoku and Crossword solutions on Page 15
Top varsity team athlete awards go to Staehli, Bailie

BY COMMUNICATIONS STAFF

Julie-Anne Staehli of the women's cross country team and Kevin Bailie of the men's hockey team were named the top student-athletes for the 2016-17 season at the 81st annual Colour Awards Varsity Team athletic banquet.

This past season he helped lead the Gaels to program bests of 18 wins and a No. 3 national ranking. The Gaels finished with an OUA silver after earning their way back to the Queen's Cup and University Cup for the first time since 1981. Bailie was a member of Team Canada at this year’s FISU games in Kazakhstan where he won a bronze medal.

With many standout performances by individual athletes in 2016-17, the Outstanding Performance of the Year (OPY) honour was awarded to Claire Surner of women's cross country.

Summer was utterly dominant as a runner for the Gaels this season. She took first in an 8km race, the first of its kind for women, at the Queen's Invitational. From there, Summer won the OUA Championship where she was named an All-Star and MVP. She doubled down that effort at the U Sports national championships, finishing second and winning gold once again and was named an All-Canadian and the U Sports MVP. Summer finished her season representing Canada at the world cross country championships in Uganda, alongside teammate Staehli, just a few weeks ago.

The Alfie Pierce Trophy recipients for top male and female rookie of the year were Bridget Mulholland from women's basketball and Lukas Kaufman from men's volleyball.

Mulholland was a key player in a historic season for the women's basketball team that finished with a program best 18-1 record and reached their highest national ranking at No. 3. Mulholland and the Gaels finished fourth nationally, and the rookie led the team in steals at the national championship. Mulholland was named to the OUA All-Rookie team, and the Gaels took an OUA silver as a team on home court.

Kaufman, one of three Gaels named to the OUA/All-Rookie team, posted 138 digs on the season, eighth-most in the OUA. He started the season as a reserve for the Gaels but soon made his way into the lineup as a regular. He helped the Gaels reach the play-offs and was named the team's rookie of the year by his peers.

The Jim Tait Trophy is presented annually to the top performing Varsity Team and went to the U Sports and OUA silver medalist women's cross country team.

The Gaels owned the podium at the OUA Championship, which opened on time and on budget for Richardson Stadium, which was renamed the ARC Main Gym.

In addition to their success in competition, the women's cross country team excels off the field as well. The Gaels were once again active in fundraising for Martha's Table and continued active in fundraising for Martha's Table and continued active in fundraising for the Special Olympics.

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books

Changing Horizons of African History, Edited by Awet T. Weldemichael (History), Anthony A. Lee, and Edward A. Alpers

This collection of essays by new and seasoned scholars presents cutting-edge research on the history of Africa and the African Diasporas. The chapters ask new questions, query old assumptions, and open new fields of inquiry. While the essays are broad-ranging, three major themes found throughout the volume bind the chapters together.

The volume explores Africans in the Diaspora, problematizes mobility and population displacement, and nuances resistance as a ubiquitous aspect of African history. Throughout the volume Africans are seen moving voluntarily, by necessity, or out the volume Africans are seen moving voluntarily, by necessity, or by force both within the continent and beyond it. Wherever they are, Africans are also resisting — struggling to improve their circumstances and, in the process, preserve their agency in defiance of coercive authority. In their respective ways, the chapters move beyond generalizations and abstractions to render sub-chapters move beyond generalizations and abstractions to render sub-chapters move beyond generalizations and abstractions to render sub-

Planning Canadian Regions, Second Edition by Gerald Hodge (Professor Emeritus, School of Urban and Regional Planning), Heather M. Hall and Ira M. Robinson

Planning Canadian Regions was the first book to integrate the history, contemporary practice, and emergent issues of regional planning in Canada. This much-anticipated second edition brings the discussion up to date, applying the same thorough analysis to illuminate the factors rapidly shaping our regional landscapes. Special attention is paid to the need to plan for climate change, the development inequities faced by peripheral resource regions, the distinctive planning needs of large urban regions comprising several metropolitan areas, and the special role of Aboriginal peoples in regional planning. This book challenges planners and policy makers alike to engage with the latest thinking on regional planning and strive for best planning practices in the 21st century.

human resources

Job postings

Details regarding job postings – internal and external – can be found at queensu.ca/humanresources/jobs. Applications for posted positions are accepted by email only to working@queensu.ca before midnight on the closing date of the competition.

Successful Candidates

Job Title: Buyer (USW Local 2010)
Department: Strategic Procurement Services
Competition: 2017-002
Successful Candidate: Michael Piilon

Job Title: Accessibility Services Advisor (USW Local 2010)
Department: Student Wellness Services
Competition: 2017-042
Successful Candidate: Meg Hall

Job Title: Administrative Assistant to the Dean
Department: Faculty of Health Sciences
Competition: 2016-434
Successful Candidate: Kimberly Leahy

Job Title: Assistant, Alumni and Student Engagement (USW Local 2010)
Department: Alumni Relations and Annual Giving
Competition: 2017-002
Successful Candidate: Jennifer Johnson

Job Title: Coordinator, Advance ment Communications and Events (USW Local 2010)
Department: Athletics and Recreation - Advancement
Competition: 2016-450
Successful Candidate: Colleen McGuire

Job Title: Assistant Dean of Students
Department: Faculty of Law
Competition: 2017-034
Successful Candidate: Heather Ann Cole

Job Title: Superintendent (USW Local 2010)
Department: Housing and Ancillary Services
Competition: 2017-027
Successful Candidate: Mark Heighington

Job Title: Administration Manager
Department: School of Nursing
Competition: 2017-019
Successful Candidate: Allison Mackey (Registrar)

Job Title: Web Developer (USW Local 2010)
Department: Education Technology Unit, Faculty of Health Sciences
Competition: 2016-364
Successful Candidate: Mady Be-bawe

Job Title: Graphic Designer (USW Local 2010)
Department: Faculty of Health Sciences
Competition: 2017-026
Successful Candidate: Joe Pelow (Medical Technology Unit)

Job Title: Senior Web Developer (USW Local 2010)
Department: Educational Technolo gy Unit, Faculty of Health Sciences
Competition: 2016-363
Successful Candidate: Itamar Tza- pok

Job Title: Human Resources and Staffing Assistant
Department: Faculty of Engineering and Applied Science
Competition: 2016-375
Successful Candidate: Julia Higgin- son

Job Title: Research Assistant
Department: Emergency Medicine
Competition: 2017-016/2017-R002
Successful Candidate: Yvette Chirinian (Biology)

Job Title: Program Assistant (USW Local 2010)
Department: Smith School of Business, Centre for Social Impact
Competition: 2017-001
Successful Candidate: Meghan Wilmott

Job Title: Administrative Secretary (USW Local 2010)
Department: Psychiatry (Division of Developmental Disabilities)
Competition: 2017-038
Successful Candidate: Arlene Healey (Psychiatry)

Puzzle solutions

For the record

NOTICE

Call for nominations:
Distinguished Service Awards

Queen’s faculty, staff, students, and retirees are invited to nominate candidates for a Queen’s Distinguished Service Award. Inaugurated by University Council in 1974, this award recognizes individuals who have made the University a better place through their extraordinary contributions.

Recent changes to University Council By-laws now enable Queen’s students to nominate recipients who will be recognized at the University Council Annual Dinner on Saturday, Nov. 4, 2017.

Updated guidelines, nomination form and additional information are available at queenusu.ca/secretariat/university-council/distinguished-service-awards.

Submit nominations to the University Council Executive Committee, care of the University Secretariat, by Friday, April 28, at 4 pm.

Contact the University Secretariat at uccouncil@queensu.ca or 613-533-6095 if you have questions about the Distinguished Service Award or the nomination process.
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