

the gazette

Queen's University's newspaper of record since 1969 ■ queensu.ca/gazette ■ February 10, 2015

MATTERS OF THE HEART



The Faculty of Health Sciences at Queen's is playing a leading role in the fight against heart disease.
See page 3

UNIVERSITY COMMUNICATIONS

Dr. Chris Simpson, chief of cardiology at Queen's University, medical director of the cardiac program at Kingston General Hospital and Hotel Dieu Hospital and president of the Canadian Medical Association, says that advances in technology and treatment have improved the chances of survival and recovery from cardiovascular disease.

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Vorsprung durch Technik 

Empowering young women

BY ANDREW CARROLL,
GAZETTE EDITOR

A new group at Queen's University is aimed at providing professional development and mentorship programming specifically for young women.

Young Women at Queen's (YWQ) is part of the larger Employee Resource Group initiative which was developed as a way to promote the career development of equity seeking groups on campus. YWQ is the first of these groups to be launched and is coordinated by Meagan Suckling, a member of the marketing and communications team at the Faculty of Engineering and Applied Science.

"YWQ will provide women ages 20-35 with the resources and support that they need to perform their jobs effectively and evolve and grow into young and empowered leaders," Ms. Suckling says. "The group will aim to offer a platform for young women to exert influence and build a vibrant and innovative campus."

ERGs are part of a university-wide strategic focus on talent management and are open to anyone who wishes to come forward and begin a group, especially in areas that are traditionally equity seeking. The only other university in Canada to establish such groups is the University of Toronto, which has a thriving LGBTQ ERG.



Young Women at Queen's (YWQ) is part of the larger Employee Resource Group initiative which was developed as a way to promote the career development of equity seeking groups on campus.

ERGs are popular at American universities such as Stanford, Princeton and Harvard but are relatively new to post-secondary institutions. They have proven successful in the private sector and are linked to increased recruitment and retention of talent as well as organizational innovation.

The Queen's initiative has the full support of the Equity Office and Human Resources. It has also gained management backing.

"I fully support Meagan and her work establishing the Young Women at Queen's group," says Adam Walker, Director, Marketing and Communications, Faculty

of Engineering and Applied Science. "If we all engage more and take an active role outside of our regular work activities, we can make Queen's an even better place to work and develop our careers."

Along with development and mentorship, the goals of YWQ are to offer a voice and resources to young women who work at Queen's to surface areas that can use improvement, teach young women how to bring innovative ideas to their communities within Queen's and have an impact, attract innovative and diverse talent to the university and help with retention efforts and to exert influ-

ence and make changes to enhance the university environment.

"We hope YWQ is the first of many ERGs to develop at Queen's," says Emma Sobel, Organizational Development Consultant at Human Resources. "Meagan has set a progressive and inclusive tone with YWQ that could serve as a model for others."

The kick-off meeting for YWQ is scheduled for Friday, Feb. 20 from noon-1 pm at Mackintosh-Corry, Room B176.

For further information about YWQ, contact meagan.suckling@queensu.ca. For more on ERGs, contact emma.sobel@queensu.ca.

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QUEEN'S UNIVERSITY VICE-PRINCIPAL (UNIVERSITY RELATIONS)

Michael Fraser

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Staff and faculty email moving to Office 365

Senior Communications Officer **Craig Leroux** recently spoke with **Bo Wandschneider**, Associate Vice-Principal (Information Technology Services) and Chief Information Officer, about the benefits and security of Office 365.

Craig Leroux: What is Office 365 and why is Queen's moving to that platform?

Bo Wandschneider: Office 365 is Microsoft's cloud-based collaborative suite that includes email and calendaring, secure file storage and sharing, and other collaborative functionality all synced across desktop and mobile devices. It provides more features, greater storage capacity and a higher level of security than we can provide on-premise.

Undergraduate and graduate students are already using Office 365 and are very pleased with the service. We are now in the process of migrating staff and faculty email and calendar accounts and expect the process to be complete in February.

CL: Does the move to Office 365 carry increased security and privacy risks?

BW: The university and ITS take security and privacy very seriously. Over the past eight to 12

months I have engaged many groups on campus, as well as individual faculty and staff members, in a dialogue about Office 365 and a discussion around security and privacy.

Queen's has done extensive due diligence, including a detailed privacy risk assessment of Office 365, and in fact there are more risks associated with our current practices. The physical and software security of Microsoft's servers is world-class and much higher than what we can provide on campus. In addition, data sent between your device and Microsoft is encrypted both in transit and at rest on its servers.

Regardless of where data is stored, we all need to pay greater attention to understanding and applying safe handling practices, especially for confidential or sensitive data. ITS has resources available to assist members of the Queen's community, including an online IT security awareness course.

CL: With Office 365 hosted in the United States, should we not be concerned about the Patriot Act?

BW: Respected privacy experts like former Ontario Privacy Commissioner Ann Kavoukian and privacy lawyer David Fraser have commented on the Patriot Act and noted that similar provisions exist in Canadian law.

Ms. Kavoukian has said that "it is not realistic for organizations to take the approach of 'locking down' their communications systems within a local or national geographical boundary. We live in an increasingly interconnected, internet-driven global economy in which data is transferred and stored instantly on computer servers around the world."

With global communication networks, Queen's privacy risks are not increased by moving to Office 365.

CL: Can people opt out of Office 365?

BW: While there are many benefits to Office 365, an opt-out process was made available to faculty members who do not wish to move to the new system. There will be opportunities in the future for faculty who opted out to opt back in, should they wish.

CL: Where can we learn more about Office 365?

BW: The collaboration tools page on the CIO's website (queensu.ca/cio/initiatives/CollaborationTools.html) has much more information, including further details about security and privacy, as well as on the features of Office 365. I also encourage anyone with questions to contact me directly at cioavp@queensu.ca.



Queen's
UNIVERSITY

At the leading edge of heart and stroke care

BY ANDREW STOKES,
COMMUNICATIONS OFFICER

February is Heart and Stroke Month, so the Gazette is reviewing some of the research and innovative new methods being conducted by physicians in the Faculty of Health Sciences who practice at Kingston General Hospital.

Advances in recent years have drastically changed the outlook for those suffering from cardiovascular disease. A host of new technologies, medications and procedures have increased survival rates and have smoothed out many of the bumps that were once a common part of the recovery process.

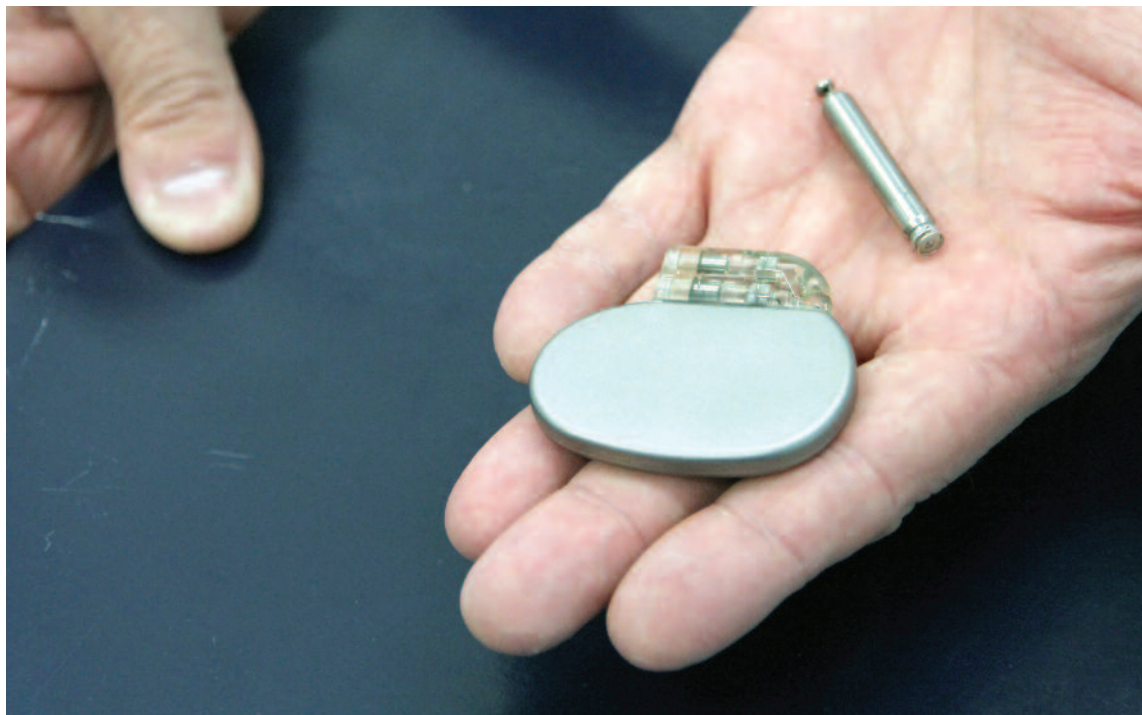
"Cardiovascular disease is no longer the number one cause of death in Canada," says Dr. Chris Simpson, Chief of Cardiology at Queen's. "All of the advances, both in technology and treatment, have improved the chances of survival and recovery."

One of the areas where Dr. Simpson has been making strides is the utilization of new leadless pacemakers. The current generation of pacemakers are implanted surgically under the skin, with a long wire feeding from the pacemaker into the heart, delivering a pulse when necessary. The new generation have been miniaturized, compressing all of their hardware into a small, thin capsule which screws right into the heart.

They're so small that the pacemakers can be implanted without major incisions, going through a vein in the groin and travelling up to the heart. The process creates no scars, requires no stitches and the pacemaker isn't visible from outside the body.

"The Achilles heel of pacemaker insertion has always been infection, which will be drastically reduced with the new models," says Dr. Simpson.

It's just one of the many modern improvements to heart treatment happening at KGH-Queen's.



New leadless pacemakers, seen here above the traditional version of the device, are so small they can be implanted without major incisions, going through a vein in the groin and travelling up to the heart.

Breathing easier

Dr. Christine D'Arsigny (Respiratory and Critical Care Medicine) is treating arterial hypertension with new medications and has had very encouraging results.

"These new therapies we're using have led to a dramatic impact on quality of life for those affected," she says. "We're continuing to learn more about the disease and perfecting our medication treatments."

Pulmonary hypertension is an increase in blood pressure in the blood vessels within the lungs. Those afflicted are often struck by shortness of breath, dizziness, fainting and have a high death rate from the disease, if left untreated. Previously, treatment was limited to IV-therapy and organ transplantation, often not an option for people who were too sick to undergo surgery. This is also true for chronic thromboembolic pulmonary hypertension, another cause for pulmonary hypertension.

The new drugs Dr. D'Arsigny is prescribing work to dilate the

pulmonary vessels and change cell signalling, resulting in better blood flow through the lungs, a decrease in shortness of breath and alleviation of other symptoms. The end result is improved quality of life and improved survival.

"These oral medications have provided an excellent treatment option," Dr. D'Arsigny says. "The improvements I've seen in some of my patients have been dramatic—I have had some patients go from barely walking without getting short of breath to thinking they can go skiing again."

Solving the mystery of strokes

Promising new research has shed light on one of the long-standing mysteries of strokes. For nearly 30 per cent of stroke victims, the cause of the stroke is not readily apparent after medical examination. A new study, co-authored by Dr. Albert Jin (Neurology) and published in the New England Journal of Medicine, takes a big leap forward toward

understanding the problem.

"We typically perform an electrocardiogram that runs for 24 hours, and it's often no adequate" says Dr. Albert Jin. He instead made use of a new cardiac monitoring method that tracked heart behaviour continuously for 30 days. This revealed that many of the strokes were caused by atrial fibrillation, an abnormal heart rhythm.

"Our detection rate increased sixfold, showing us that 18 per cent of people had atrial fibrillation. That translates to hundreds if not thousands of Ontarians each year that now have a recognized cause of stroke that we can treat."

Another of the major causes of stroke is the formation of blood clots which restrict circulation to the brain. Dr. Jin is taking part in another new study that seeks to better treat these strokes. Current treatment focuses on medications which target and break up the blood clot; the new study supplements this treatment with ultrasound waves which help to further dissolve the clot.

By applying ultrasound waves to the brain, Dr. Jin is able to specifically target the clot, complementing the work of the medication. Though there are safety risks for ultrasound waves in lower frequencies (think of the booming bass of car stereo), the study makes use waves in a higher frequency.

"There's been ample safety work done and it's been demonstrated that ultrasound waves tuned to a higher frequency are safe," Dr. Jin says.

Though the new study is only just beginning, work being done at KGH-Queen's is making the prognosis for stroke victims brighter.

Better data

Treatment for strokes and heart-related health problems has long been hindered by a lack of information. When searching for the causes of a stroke, for example, technological limitations meant that doctors could only track a patient's heart pattern for 24 hours at a time. They then had to project that information into the future, assuming the heart would function the same way for weeks at a time. That made heart monitoring a difficult process, says Dr. Adrian Baranchuk (Cardiology).

"The patient would have to reconnect to the monitor every day. It was inconvenient, it irritated the skin and people had to plan their lives around access to the heart monitor."

That's why Dr. Baranchuk has been eagerly putting into practice new technology that makes the whole process more reliable, safer and less invasive. He's begun fitting his patients with a new monitor called the Reveal LINQ by Medtronic. At less than two inches in length, the monitor is so small that it removes the need for serious surgical insertion.

In a procedure that only takes about two minutes to conduct, Dr. Baranchuk makes a minor incision, inserts the monitor and bandages the patient up. The incision's small size drastically reduces the risk of infection, removing the need for stitches and antibiotics and the monitor can function for three years, providing steady heart rhythm data.

"As a global approach, heart rhythm monitoring allows you to detect arrhythmias and decide whether someone needs medication, a pacemaker or other treatment," says Dr. Baranchuk. "This is going to be future of heart monitoring."

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Donnelly earns alumni teaching award

Catherine Donnelly (Rehab'95, PhD'13) will be presented with the 2014 Alumni Award for Excellence in Teaching at the Queen's University Alumni Association Gala Awards on March 28. She was recently acknowledged in front of Queen's Senate Committee members by Principal Daniel Woolf for the award.

"I was completely shocked and humbled by the nomination," says Dr. Donnelly. "The fact that it came from one of my students makes the honour even more meaningful to me."

Dr. Donnelly began teaching in 1996 as an occupational therapy preceptor and in 1999 became site fieldwork coordinator at the Leslie R. Peterson Rehabilitation Centre in Richmond, BC. This sparked her passion for teaching and led to her decision to complete her Master's degree in Rehabilitation Science at the University of British Columbia in 1997. At this time she also began teaching the Occupational Therapy Program at UBC as a teaching assistant and then as a guest lecturer.

"As a teaching assistant I had the opportunity to observe three or four different teaching styles, gathering little nuggets along the way," explains Dr. Donnelly.

Later, as a PhD candidate at Queen's, Dr. Donnelly says she learned the importance of meaningful assessment from her supervisor and mentor, Lyn Shulha (MEd '85).

In 2004 Dr. Donnelly returned to Kingston and began teaching as a Sessional Adjunct at the School



Dr. Catherine Donnelly stands with Queen's University Alumni Association President George Jackson. Dr. Donnelly will be honoured at the QUAA Alumni Awards Gala on Saturday, March 28 for Excellence in Teaching.

of Rehabilitation Therapy. Only a year later, she was appointed as Assistant Professor, Term Adjunct focusing her teaching in the classroom. In 2006 Dr. Donnelly returned to fieldwork education, and would remain outside the traditional classroom until 2012. During this unique educational role, Dr. Donnelly completed her PhD at Queen's Faculty of Education, with a specialization in assessment and evaluation.

"Teaching outside the classroom has challenged me to recognize that what students learn in the

traditional classroom is just a portion of their overall learning," says Dr. Donnelly. "When these studies are applied in the clinic, they can see the context and complexities of what they are learning."

Dr. Donnelly has contributed to the Queen's community, both inside and outside the classroom, accrediting her unique learning and teaching experience to the culture that only Queen's offers.

"The difference here at Queen's is that it's a community, and once you're a part of it, as a student or as a teacher, you become a part of

the culture," she says. "It really is a unique experience."

Dr. Donnelly joins a prestigious list of outstanding and inspirational teachers who make Queen's a leading academic institution. The complete list of recipients who will be honoured at the QUAA Gala Awards on March 28 at queensu.ca/alumni/quaa/gala.html.

Submit your nomination for the 2015 Alumni Award for Excellence in Teaching at queensu.ca/alumni/quaa/awards/teaching.html. Deadline for nominations is Feb. 27.

INITIATIVE CAMPAIGN UPDATE

Total raised
(as of Jan. 6, 2015)
\$470,787,079 (94% of goal)

Campaign goal
(by the end of 2016)
\$500,000,000

Athletics and Recreation
raised **\$26,247,706**
(as of Feb. 3, 2015)
Goal is **\$32,000,000**

The goal of the Initiative Campaign is to raise \$500 million by the end of 2016 in support of projects that make Queen's the destination for exceptional people, enhance student learning experiences, secure the university's global reputation in discovery and inquiry, and nurture a supportive community. A key priority for Athletics and Recreation includes supporting Athletic Awards to recruit Canada's top student-athletes. Athletics and Recreation is also focused on funding the Fields and Stadium Project, which has resulted in two new artificial fields on campus and the revitalization of the main field at Richardson Stadium. The Queen's Board of Trustees approved the revitalization project in December

New website focused on stadium revitalization project

BY COMMUNICATIONS STAFF

Queen's has launched a new website dedicated to the Richardson Stadium revitalization project.

The site, queensu.ca/connect/richardsonstadium, will provide a forum for sharing information and engaging with the Queen's and

Kingston communities as the stadium revitalization process moves forward.

"With board approval, we are able to begin looking at more specific aspects of the stadium's design, and engaging with a variety of people about different elements of the revitalization. That engage-

ment with the community is very important to us," says Leslie Dal Cin, Executive Director, Athletics and Recreation. "We will post information and regular updates about the project to the website, and our hope is that people will also use the website as a way of providing feedback."

The website includes a contact page with a comment form, as well as an email address people can use to send comments or questions regarding the revitalization (richardson.revitalization@queensu.ca). Answers to common questions will be added to the website's FAQ page.

The revitalization of Richardson Stadium is not just the building of a new stadium; it is the building of a strong varsity sports and recreation program for Queen's, and a strong university overall. The project, a priority



Seen above is an early rendering of what the revitalized Richardson Stadium could look like.

within Queen's \$500-million Initiative Campaign, is the next step in the university's efforts to enhance its athletics and recreation facilities to promote the health

and wellness of all students. Construction of the stadium is expected to begin after the 2015 football season and be completed by the start of the 2016 season.

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Celebrating the Maple Leaf flag at 50

BY ANDREW CARROLL,
GAZETTE EDITOR

Canada's Maple Leaf flag turns 50 on Sunday, Feb. 15 and to mark the event, a book on the flag's history, with some strong connections to Queen's University, has been updated and re-released.

Authors Jane Yealland and Ann-Maureen Owens are both from Kingston, with Ms. Yealland currently working as a research associate at the university's Centre for Studies in Primary Care and Ms. Owens (BEd'74), education manager of Kingston WritersFest, being an alumnus.

The book, which was originally published in 1999, was a regular feature in school libraries and could be bought at bookstores across the country. Ms. Owens, a former teacher, even recalls seeing it for sale at airports.

But now, with the anniversary coming up, publisher Kids Can Press has re-released the book, albeit with some updates discovered in the 15-year interim.

One of the new pieces of information is the integral role of George Stanley, a professor at Royal Military College at the time.

It was well-known that Dr. Stanley was one of the key players in the creation of the Maple Leaf Flag, but to what extent was uncertain. That changed when a drawing considered the root of the flag was discovered after it had been improperly filed, the duo says.

"There was this talk of it being drawn on the back of a napkin but in fact they found that (Dr. Stanley) actually did a proper drawing and sent it to John Matheson,"



Authors Ann-Maureen Owens, left, and Jane Yealland have updated their book *Our Flag: The Story of Canada's Maple Leaf*, which was originally published in 1999, in time for the 50th anniversary of the flag.

says Ms. Owens. "So that was nice to be able to bring his contribution into the book."

Dr. Stanley's design, based on RMC's flag, had three equal blocks of red-white-red, with a red maple leaf in the middle rather than a mailed fist. The final flag's middle white section accounts for half the area while the red blocks on either

end are a quarter each.

Ahead of the initial publication, the pair did a massive amount of research and that path could only lead to John Matheson, often considered the father of the flag for his role as a leading member of the multi-party parliamentary committee to select a new flag. Soldier, Member of Parlia-

ment, lawyer and judge, Mr. Matheson (Arts'40, LLD'84) long maintained a connection with Queen's, serving as chairman of the Board of Management of Queen's Theological College and as a member of University Council. He was also on the Board of Trustees for two decades.

The authors also found out that

Mr. Matheson, as always, was eminently approachable and a most valuable resource.

"I remember we called him out of the blue, he was at his cottage with his wife and we said we were working on this and he said 'Can you come up today?'" says Ms. Yealland. "They were so sweet, just lovely, and they ordered lunch. He couldn't have been more generous with his time and you could really see how passionate he was. It was a topic he just didn't tire talking about."

Ms. Yealland adds that they were fortunate to reach so many primary sources, including Jane O'Malley, who sewed the first flag.

Since the book was first published, the two have seen a growing connection to the flag for Canadians. Simple yet vibrant, the image of the Maple Leaf has been reinforced through sporting competitions such as the Vancouver Olympics but also the increased military involvement over the past decade and the Highway of Heroes.

"It's also the sense of identity and belonging because it has been our flag now for 50 years," explains Ms. Owens.

Quite simply, the flag helps answer the question 'Where do I belong?' they say.

Ms. Yealland adds that returning to the book some 15 years later has been fun.

"We have some upcoming workshops that we will be doing with schoolchildren in Moncton and later in the fall in Kingston," she says. "It's always fun talking to the kids and I think this is just a nice supplement to a textbook because it's a little more interactive."



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viewpoint

Viewpoint offers faculty, staff and students the opportunity to reflect on a wide range of topics related to Queen's and post-secondary education. Email submissions or ideas to andrew.carroll@queensu.ca

Law clinics improve access to justice

BY BILL FLANAGAN, DEAN, FACULTY OF LAW

Access to justice is not a new issue in Canada – ensuring that all members of a society benefit equally and fully from its legal system is a challenge faced by every country. In Canada, however, gaps in access to justice have become even more acute over the last decade.

In 2007, Ontario Chief Justice Roy McMurtry named access to justice as “the most important issue facing the legal system,” and he has been joined since then by a chorus of lawmakers, legal scholars and leaders across the country, including the Chief Justice of the Supreme Court of Canada, Beverley McLachlin, and colleagues on the Supreme Court such as Justice Thomas Cromwell.

Many of these issues are captured in *Access to Civil & Family Justice: A Roadmap for Change*, a report created by the Action Committee on Access to Justice in Civil and Family Matters and released in October 2013. It paints a stark picture of how ill-served some segments of our citizenry are by the justice system:

- Individuals with lower incomes and members of vulnerable groups experience more legal problems than higher-income earners and members of more secure groups;
- Self-identified disabled and aboriginal people are four times more likely to experience social assistance problems;
- In the area of access to civil justice, Canada ranked 13th out of 29 high-income countries in 2012-13 and 16th out of 23 high-income countries in 2011.
- According to the 2011 study, Canada's

ranking was “partially explained by shortcomings in the affordability of legal advice and representation, and the lengthy duration of civil cases.”

It is on this last point – affordability and availability – that law schools are helping bridge the gap. At Queen's, our faculty of law is embarking on a bold venture to group a number of diverse legal clinics – previously available only on the university's campus – at a central location in Kingston, creating a single, multipurpose law clinic that covers everything from family law to business law. It's being built and designed to function like a professional law firm, where clients are served by a staff made up of students and supervising counsel.

Under close supervision, student case-workers assist clients with a broad range of legal needs that they could not otherwise afford. The tangible difference in how clinic clients experience the justice system is immediately apparent, and the rewards, for our clients and also for the students serving them, are manifold.

This initiative is a new venture for the law school, the university, and also for the city of Kingston. By moving our clinics off-campus and into the community, we hope to better serve those who are currently underrepresented by the system as it exists.

Other law schools across Canada are contributors as well – the University of Toronto with its Downtown Legal Services clinic, the Innocence Project at the University of British Columbia, the University of Ottawa's Community Legal Clinic – almost every law faculty in Canada is doing what they can to help address this issue. The clinic itself couldn't exist without the ongoing

support of Legal Aid Ontario, the Law Foundation of Ontario, and a matrix of supporting partners and donors. These organizations and people are instrumental to our existence and success.

All of this, however, is only part of any solution. One of the great pleasures I experience as dean at Queen's is watching new generations of legal professionals pass through our halls, bringing with them new

ideas, new innovations, and boundless optimism. Innovative programs like a full-service, no-cost legal clinic are a piece of the puzzle, but the Internet, new alternative business models for the delivery of legal services, and a growing public awareness of this issue are all part of the roadmap to success in addressing it.

This op-ed was first published in the Whig-Standard.



Summerhill, seen in this photograph taken from Arch Street in 1870, is the oldest building at Queen's University, and was originally built as a private home for the local Anglican Archdeacon George Okill Stuart in 1839. In 1853, the archdeacon sold the building to Queen's, which had been moving from one small rented house to another since it was founded in 1841. At first, Summerhill housed the entire university. Notice the little girl to the right of the gate.

liveslived

Lives Lived is a space to share your memories of a Queen's community member who recently died. Email your submissions to andrew.carroll@queensu.ca

An indomitable spirit and an inspiration to others

After an inspirational life that deeply touched many people, Geoff Lockwood passed away on Tuesday, Jan. 20. He was 54.

BY ANNE TOPPER AND LYNANN CLAPHAM

Geoff Lockwood was born in 1961 in Toronto. Throughout his early life he was fascinated by flight, and planned to be an aeronautical engineer. But medical imaging turned out to be his calling – and after obtaining an electrical engineering degree from the University of Toronto he went on to become one of the early pioneers of



high frequency ultrasound, obtaining a PhD from the U of T in medical biophysics.

Geoff was a gifted researcher. He left Canada to become a scientist at the prestigious Cleveland Clinic in the United States, while also holding adjunct positions at Ohio State and Case Western Reserve universities. While in the US his expertise attracted a number of high-profile NIH (US National Institute of Health) and Department of Defence grants. But his real passion was teaching – he wanted to work with students, and in 1999 this passion brought him, along with Anne and their two boys, back to Canada and Queen's Engineering Physics.

Geoff continued his work in high-frequency medical ultrasound imaging, and his research group worked on everything from designing miniature integrated

circuit beamformers to real-time 3D ultrasound imaging. Over only 15 years, Geoff won over \$3.3 million in research funding from US and Canada granting agencies and developed five patents. His early work at the U of T formed the basis for VisualSonics – an ultrasound micro-imaging technology company founded by Dr. Stuart Foster (Sunnybrook Health Sciences Centre). Upon the recent sale (2012) of this company, Dr. Foster recognised Geoff's significant accomplishment by establishing a \$900,000 endowed scholarship in his name at U of T.

But despite his enormous research talent and insight, Geoff's heart was primarily with the students. His teaching methods were simple – a piece of chalk and a blackboard – but his lectures were delivered with an intelligence and care that deliberately left no stu-

dent behind. He loved teaching so much that he asked to return to the classroom even after his first devastating round of brain surgery, radiation and chemotherapy. He spent hours re-learning his own ENPH239 lecture notes, and even typed them up for the students in case he had to miss a class. It is no surprise that year after year after year he won the teaching award in Engineering Physics.

Geoff's wisdom and thoughtful, caring nature also made him a wonderful Engineering Physics undergraduate chair (for five years) and eventually the Physics Department head.

As parents, Geoff and Anne believed that life is to be experienced, not simply observed. There was never a TV in their home – there would have been no time to watch it anyway. The boys enjoyed (or sometimes maybe not!) com-

petitive swimming, ice skating, family camping (including a yurt in Algonquin Park one Christmas), wilderness canoe trips, rock climbing, windsurfing, sailing.

Above all, Geoff had an amazing, and rare, strength of spirit. His illness never defeated this amazing spirit. Every time the cancer, or the treatments, knocked him down and closed a door, he would simply open it again, or try a new door. He re-learned how to walk; re-learned how to talk. He re-learned his lecture material. When he couldn't snowboard anymore he re-learned how to ski. He re-learned how to rock climb, even though his feet were numb and he couldn't feel the footholds.

To his family, to his friends and colleagues, to his students... Geoff continues to be an inspiration. Words cannot express how much we will miss him.

Graduate students face off in thesis event

BY ANDREW CARROLL,
GAZETTE EDITOR

Brevity is the soul of wit but it can also help graduate students at Queen's University earn some cash and valuable experience.

The Three Minute Thesis (3MT) is a university-wide event for Queen's Masters (thesis or research project), doctoral students, and, new this year, post-doctoral fellows, in which participants are given a mere 180 seconds to present their research and its wider impact to a panel of non-specialist judges.

While the subject matter can be complex, the rules are simple: presenters have three minutes and are permitted one static Powerpoint slide. There are no props – such as costumes, laser pointers and note cards – allowed nor additional electronic media – including sound and video files.

"The Three Minute Thesis competition is a fantastic event for everyone. Graduate students who



Sima Zakani, a graduate student in Mechanical and Materials Engineering, earned the People's Choice Award at the 2014 Three Minute Thesis event at Queen's University.

participate hone their presentation skills and gain valuable experience in communicating the importance and significance of their research to people with a variety of backgrounds – these are critical skills that will serve our students well in whatever they do post-

graduation," says Brenda Brouwer, Vice-Provost and Dean, School of Graduate Studies. "Also, the audience has the rare opportunity to learn first-hand about the wide-range of research that our graduate students are engaged in and how it might impact society.

The inclusion of post-doctoral fellows into the event this year will make it truly a reflection of what Queen's research trainees are up to in the research realm."

The key, of course, is communication, distilling research into a clear form, without over-simplifying or making overly-complex.

"Despite what everyone thinks, 3MT is more about reaching out rather than presentation skills," says Sima Zakani, a graduate student in Mechanical and Materials Engineering and the 2014 People's Choice Award winner. "It gives you exposure and echoes your voice for the public. It also pushes you to get a better narrative of what it is that you do and articulate it in a more condensed fashion. It can be your first chance to use the feedback of friends, colleagues and audience to better promote yourself and your research."

It's experience that will prove valuable for life after university.

"The Three Minute Thesis was a great chance to develop skills

that are critical to academia," says 2014 winner Mike Best, a PhD student studying Clinical Psychology. "It gave me the opportunity to try a completely new style of presenting and what I learned I have been able to apply to improve how I teach and give conference presentations. The competition also opened up other opportunities to me such as being interviewed on local television and for print news stories."

Registration wraps up March 2. Initial heats will be held March 10 and 12 and, if required, a third heat will be on March 9. The final is scheduled for March 24. See queensu.ca/3mt/ for details.

The School of Graduate Studies offers support and training to prepare for the event in the form of a workshop and practice sessions.

The graduate student winner will receive \$1,000 and represent Queen's at the Ontario 3MT (due to provincial rules only students can proceed to the next round). The runner-up will receive \$500.

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Queen's in the news

Highlights of Queen's experts in the media from Jan. 17-Feb. 1

Newspapers

Wagdy Loza (Psychiatry) commented in the Toronto Star on France beefing up counter-terrorism defences.

Christian Leuprecht (Political Studies) comments on policing costs in the Toronto Star.

Jonathan Rose (Political Studies) comments in the National Post on a new video of Lauren Harper, the wife of Prime Minister Stephen Harper.



Kate Johnson (Chaplain's Office) discusses religious guides helping parolees adjust to life outside jail in the Toronto Star.

David Lyon (Surveillance Studies Centre) wrote an op-ed on surveillance that appeared in the Kingston Whig-Standard and the Owen Sound Sun Times.

Charles Beach (Economics) discussed damage from cancelled census in the Globe and Mail.

Louis Delvoie (Centre for International and Defence Policy) had his op-eds on terrorist objectives, and reflecting on Canada's place in North America published in the Kingston Whig-Standard.

Daniel Woolf (Principal) and **William Flanagan** (Dean, Faculty of Law) comment on the new Faculty of Law clinics in the Kingston Whig-Standard.

David Skillicorn (School of Computing) discussed with the Globe and Mail about technology firms being caught between the need for better encryption against hackers and politicians' calls for surveillance measures.

Tandy Thomas (School of Business) was interviewed by the Toronto Star on how Canadian retailers may scope out empty Target stores.

Andrew Graham (School of Policy Studies) wrote in the Winnipeg

Free Press that the City of Winnipeg needs a strong police board.

Donald Stuart (Law) was interviewed by the Cornwall Standard-Freeholder on whether or not offering a cash reward to speed up justice leads to good results.



Clarke Mackey (Film and Media) spoke to the Kingston Whig-Standard on why the prison farm issue won't go away.

Online

Wagdy Loza (Psychiatry) comments on radicalization in Canadian prisons on CBC Online.

Christian Leuprecht (Political Studies) talked to CBC Online about the spy agency fire in Ottawa that triggered security concerns; Could al-Qaeda in the Arabian Peninsula thrive as Yemen falters.

Nicholas Bala (Law) was interviewed by CBC Online about Makayla Sault's death.

Gerald Evans (School of Medicine, Infectious Diseases) was featured on globalnews.ca on the possibility the flu season has peaked in Canada.

Donald Drummond (School of Policy Studies) was interviewed by Hill Times on how a delay in the tabling of the budget buys the Conservatives time for messaging but balancing won't get easier.

Television



Heather Stuart (Public Health Sciences) was interviewed on Canada AM about Bell Let's Talk Day and mental health.

Christian Leuprecht (Political Studies) commented on CBC TV on Canadian special forces being involved in firefights in Iraq; CTV News Channel on how the world is reacting to the attack in France; Sun TV about the ISIS hostage situation;

John Andrew (School of Urban and Regional Planning, School of Business) appeared on CTV News Channel commenting on the drop in interest rates.

Dick Zoutman (School of Medicine, Infectious Diseases) was featured on CTV National Network News for stories on how dangerous measles is to children, as well as a Vancouver woman contracting the avian flu.

David Detomasi (School of Business) spoke to CTV National News Network about what the declining price of oil means for the Canadian economy.

Radio

Ken Wong (School of Business) appeared on CBC Radio talking about Coca-Cola changing its formula in Canada.

Christian Leuprecht (Political Studies) discusses a draft anti-terrorism law on CBC's Metro Morning and Radio-Canada.

Career Services provides map to the future

MARK KERR, SENIOR COMMUNICATIONS OFFICER

The road toward a career can be daunting for many students. To ease that navigation, Career Services, with the support of several campus partners, has developed "major maps" for all 44 undergraduate programs.

The maps, tailored specifically for each program, provide advice on academics, extracurricular activities, networking, international opportunities and career development all in one place.

"Through this project, we wanted to engage students and get them thinking about their future plans earlier than third or fourth year," says Cathy Keates, Director, Queen's Career Services. "The major maps really provide a holistic view of all four years at university and beyond."

The maps support students before, during and after their degree. They can help prospective students choose a program of study, assist current students with identifying career options and potential learning opportunities during their degree(s), and guide graduating students as they think about ways the skills they developed at university can be transferred to the workplace.

Miguel Hahn, a career counsellor at Queen's and the project lead,



Miguel Hahn, a career counsellor at Queen's, displays the large binder containing the 'major maps' for all 44 undergraduate programs. The maps will support students before, during and after their degree.

says that like any directional device, the maps offer multiple routes to reaching the desired destination of a meaningful and rewarding career.

"The maps are not prescriptive; rather, they offer suggestions and ideas, recognizing that the student body is not a homogeneous group," he says. "Furthermore,

students will experience any number of things that will impact their lives. The maps will hopefully assist them as they make adjustments along the way."

Mr. Hahn says reaction from students during focus groups was overwhelmingly positive. Jennifer Williams (Artsci'16) is excited that the major maps highlight international opportunities both on campus and abroad.

"I believe that the major maps project will not only help students with deciding on which academic plan to pursue, but also connect those academic plans to potential career, extracurricular and volunteer opportunities," she says. "Using the maps will help add value to a student's degree and overall experience here at Queen's."

Career Services developed the maps in consultation with a variety of stakeholders, including Student Affairs, the Faculty of Arts and Science, the Faculty of Engineering and Applied Science, the Faculty of Education, the School of Computing, School of Nursing and Queen's School of Business.

The maps are available online at careers.queensu.ca/majormaps.html in web and accessible formats and in print while supplies last at Career Services (Gordon Hall, 3rd floor), Arts and Science advising (Dunning Hall, 1st floor), and each department office.

For more information, contact Career Services at majormap@queensu.ca or Career Services Reception at 613-533-2992.

Events for Graduate Students, Post-Doctoral Fellows

Registration for the 2015 Three Minute Thesis Competition (“one slide, no props, 3 minutes”) is now open. Registration closes March 2 at 4:30 pm. Visit queensu.ca/3mt/registration to sign up. Heats will be held March 9-12, and the Queen’s final is Tuesday March 24, 4:30 pm in room 101, Kinesiology Building, with town crier Chris Whyman as MC. The provincial final will take place on Thursday, April 23, at Western University.

This year the School of Graduate Studies will offer opportunities to prepare for 3MT presentations. A 3MT Information Session and Presentation Skills workshop will be held on Tuesday, Feb. 17, 4-5:30 pm, room 101, Kinesiology Building. Register for this workshop via the Expanding Horizons website: queensu.ca/exph/workshop-series/how-register. Practice presentations, with feedback provided, will take place on Wednesday, March 4, 9 am- noon, Mackintosh-Corry Hall, Room B176 Lecture Theatre.

Visit the Expanding Horizons website queensu.ca/exph/ for information on upcoming professional development workshops offered to graduate students and postdoctoral fellows, and the Reading Week Dissertation Boot Camp.

Thesis Defences

Friday, March 13, 2015

Noel McDermott, Cultural Studies, ‘Unikkaaqtuat: Traditional Inuit Stories’. Supervisor: S. McKegey, 402B Gordon Hall, 2 pm.



UNIVERSITY COMMUNICATIONS

As an SGPS student adviser, Becky Pero provides confidential advice and support to graduate and professional students.

Providing support and advocacy for SGPS students

BY ANDREW STOKES,
COMMUNICATIONS OFFICER

Employee, teacher and mentor are just a few of the roles that graduate and professional students play while at Queen’s University.

To support them in those many roles, the Society of Graduate and Professional Students (SGPS) have student advisers, a team that provides confidential advice and assistance to other SGPS members. Trained in a wide variety of subjects that encompasses university policies and procedures, conflict resolution, active listening, harassment, discrimination and maintaining a positive space, they’re equipped to handle many of the problems that students may face.

Becky Pero, a PhD candidate in the Department of Geography, has worked for the past year as a student adviser.

“There are challenges that SGPS students face that we don’t talk about,” she says. “They need somebody to listen and hear what they’re saying. Who better to do it than a peer?”

Created in 2001 in response to the need for advocacy and support services for graduate and

“There are challenges that SGPS students face that we don’t talk about. They need somebody to listen and hear what they’re saying. Who better to do it than a peer?”

— Becky Pero

professional students, the advisers offer strategic advice for resolving concerns and conflicts. Oriented towards self-advocacy, they aim to give students the tools they need to solve problems on their own, or to direct them to the appropriate service when they need greater support.

“Students often come to see me with questions about rules, regulations and department-specific procedures, and I set them in the right direction” says Ms. Pero. “Advisers can support students when they go to a difficult meeting or can contact another party on their behalf.”

Funding for the four student advisers comes from the SGPS as

well as the School of Graduate Studies. Each year, the advisers create reports about the issues they’ve seen most consistently and make policy recommendations to keep them from happening again in the future.

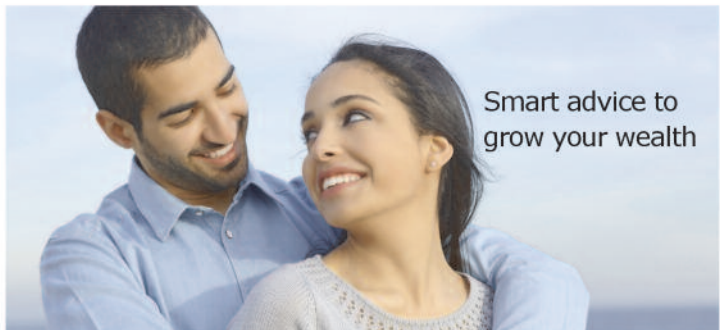
“Graduate and professional students take on a huge challenge when they enter their studies,” says Dinah Jansen, Vice-President (Graduate) of the SGPS. “The majority of students get through their studies without any major problems, but the adviser program exists for those who have faced issues and want to repair relationships or navigate policies.”

In her role as VP (Graduate), Ms. Jansen oversees the student adviser program and advocates at a system-wide level for SGPS students.

“Students need advocacy and help, and it can be very useful to have someone listen to your concerns,” she says.

The advisers can provide help for problems big or small and welcome faculty to refer their students on for advice and support.

More information can be found at their website sgps.ca/services/advisors.html.



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Preparing for the Proms

BY MEREDITH DAULT, SENIOR COMMUNICATIONS OFFICER

Anglophiles, it's time to warm up your vocal chords and unfurl your Union Jacks: the Queen's School of Music is holding its first 'proms' concert at the Isabel and you're invited.

A playful musical tribute to English music and culture, *A Night at the Proms...Then Off to the Music Hall*, will see students, faculty and alumni from the Queen's School of Music taking on popular British tunes as part of a fundraising concert at the Isabel Bader Centre for the Performing Arts.

The evening will also feature guest performer Mark Dubois, one of the country's most renowned lyric tenors.

The 'Proms' are a series of concerts held every summer at Royal Albert Hall in London, England. The musical series traditionally concludes with a popular concert called "The Last Night at the Proms", which is built around showcasing patriotic British music. Audience members are famous for using the concerts as an opportunity to display their national pride, carrying flags and wearing patriotic clothing, and for lending their voices to the evening.

That's the spirit the concert's organizers hope to capture at the Isabel.

"We'll be doing 'Rule Britannia', 'Fantasia on British Sea-



In a playful tribute to English music and culture, the Queen's School of Music is taking on popular British tunes as part of a fundraising concert at the Isabel Bader Centre for the Performing Arts.

Songs', and Elgar's 'Pomp and Circumstance' which are all part of the traditional British Proms concerts," says Musical Director Gordon Craig about the concert, which will feature the Queen's

Symphony Orchestra and the 66-voice Queen's Choral Ensemble, as well as student and faculty soloists. "It's all great music."

Producer Bruce Kelly stresses that audience engagement will be

an important component the evening.

"The more audience participation we can get in the songs, the better," he laughs, explaining that this is the first time the School of

Music has tried hosting a 'Proms' concert. "It will definitely be fun. Hopefully they'll be as crazy as they are at Royal Albert Hall!"

Mr. Kelly, who will be emceeing the event along with Mr. Craig, says audience members will be able to buy Union Jack flags at the concert for a dollar apiece, and that their programs will include the necessary song lyrics.

The pair hope the concert will be an opportunity to showcase some of the School's most promising students, along with faculty members – including Michel Szczesniak and Dina Namer, who will be performing a four-hand piano piece.

"And of course, it's a gala, which means that the orchestra will be dressed in their finery," Mr. Craig adds.

But they are quick to stress that the concert is not exclusive to Anglophiles.

"In England, everyone comes out to the Proms," Mr. Kelly explains. "All ethnicities and backgrounds. It's just a giggle – a fun thing to do."

"It's really not so much a concert as it is an event," adds Mr. Craig. "A musical event."

A Night at the Proms...Then Off to the Music Hall will be held at the Isabel Bader Centre for the Performing Arts on Friday, February 27, at 7:30pm. Tickets are \$25.

For more information, visit the website of the Queen's School of Music at queensu.ca/music/.

New actuarial valuation estimates pension deficit

BY CRAIG LEROUX, SENIOR COMMUNICATIONS OFFICER

The Queen's Pension Plan (QPP) continues to carry a significant funding deficit according to preliminary results from the new actuarial valuation of the plan. This will mean a further impact on the university's operating budget beginning in the 2015-16 fiscal year.

An actuarial valuation examines the financial state of the pension plan on both a going concern basis, which assumes the plan continues to operate normally, and a solvency basis, which assumes the plan is closing today. As the plan sponsor, the university is required to make special payments into the plan if a deficit exists under either approach.

Caroline Davis, Vice-Principal

(Finance and Administration), says that actuarial valuations must be filed with the provincial pensions regulator every three years, so the plan is due for one now.

"While the valuation as of Aug. 31, 2014 is not yet quite final, we expect the preliminary results will be very close to the final numbers. They show an increase in the going concern deficit and a decrease in the solvency deficit compared to the last valuation filed in 2011," says Vice-Principal Davis. "This will result in increased special payments that will need to be made from the university's operating budget."

The 2014 valuation's preliminary results set the QPP's going concern deficit at \$175 million (compared to \$126 million in 2011) and its solvency deficit at \$284

million (compared to \$332 million in 2011).

The going concern special payments will rise from about \$14 million to over \$20 million each year.

Prior to filing the 2011 valuation, Queen's successfully applied to the government's temporary solvency relief program which exempted the university from having to make solvency payments for three years. The university has since applied for the second stage of solvency relief, which would allow the university to pay down the solvency deficit over 10 years, rather than the normal five.

"Stage two relief is not automatic, it would be a result of the negotiated changes made to the pension plan since 2011, including increased contribution rates, that enhance the sustainability of the

plan," says Vice-Principal Davis.

Combined special payments on the going concern and solvency deficits, assuming stage two relief is granted, would start in 2015 at \$33.3 million annually. The option does exist to defer solvency payments for a further three years, and then pay the balance over the remaining seven years, but the university would still need to make payments on the going concern deficit, and the payments for the solvency deficit when they eventually begin would be higher.

The university is currently planning for the impact of additional pension payments on its operating budget through the 2015-16 budget process. It must file the new actuarial valuation by Aug. 31, 2015, indicating whether it will begin solvency payments immediately or chose the option to defer

that portion of the special deficit payments for a further three years.

The university continues to seek ways to make the plan financially sustainable into the future, but whatever happens, pensions already earned are guaranteed never to be reduced.

For more information, read the full stage two solvency relief application (queensu.ca/humanresources/totalcomp/pensions/solvencyreliefstage2.pdf), which includes a detailed breakdown of estimated special pension deficit payments, visit the Human Resources pension website queensu.ca/humanresources/totalcomp/pensions.html, or contact Bob Weisnagel, Director, Pension Services, at bob.weisnagel@queensu.ca or at ext. 74184.

IBM exec explores advanced computing

Don Aldridge, research executive at IBM, has been seconded to the office of the Vice-Principal (Research) for six months where he will work as an adviser on a number of research and computing projects. Mr. Aldridge (BSc '82, MBA '84), spoke with Communications Officer **Andrew Stokes** about what hopes to explore while at Queen's and the future of computing.

Andrew Stokes: What sort of work will you be focusing on during your secondment?

Don Aldridge: There are a number of projects I want to consider, such as pairing Queen's with small and medium enterprises and exploring some developing technologies. What I'm looking at right now is how I can help Queen's navigate the field of Advanced Research Computing and how to better use the High Performance Computing Virtual Laboratory (HPCVL). HPCVL is a tremendous asset that most people don't know about.

AS: What makes the HPCVL exceptional?

DA: Its competitive advantage is its ability to handle secure medical data in a way that is compliant with Federal Drug Administration and privacy regulations. Many facilities can't do that and



Don Aldridge, a research executive at IBM seconded to the office of the Vice-Principal (Research), is helping Queen's navigate the field of Advanced Research Computing.

there's a strong reluctance to having medical data outside of a hospital. Because of its strong security, HPCVL is a great place to do research. The Ontario Brain Institute, for example, runs its Brain-CODE application at HPCVL.

AS: Can you tell me about pairing Queen's with businesses?

DA: There's an organization called the Southern Ontario Smart Computing Innovation Platform

(SOSCIP), which is a consortium of Ontario universities and IBM that has been operating for the last three years. Queen's is a founding and active member, but I want to see how we can expand the university's involvement. SOSCIP

helps universities pair with small and medium enterprises to take advantage of advanced computing and deep analytics to develop products for commercialization. Involving companies from the beginning is the secret for creating market ready products. The larger objective is to create jobs and so far we've been very successful.

AS: What developing technology are you looking into?

DA: This is always a fun topic. The closest and most germane technology is one that IBM has been working on for a few years now, called Watson. It made its debut on Jeopardy! in 2012, where it defeated two former champions. Winning a quiz show was fun, but more importantly Watson is now helping to cure cancer — the era of cognitive computing is just beginning. Last year IBM launched a new division to take Watson to market, something that was last done in 1981 for the creation of the personal computer. Watson's potential for research is immense and could bring about big changes to how computing is done. Two Queen's professors, Drs. Pat Martin (Computing) and Brent Gallupe (Business), are teaching a course on Watson in the fall. I'm interested to see where cognitive computing technology leads.

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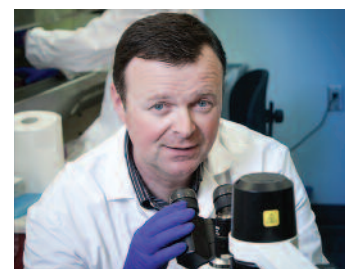
Stopping cancer in its tracks

BY ROSIE HALES, COMMUNICATIONS OFFICER

Researcher Andrew Craig understands the importance of stopping metastasis, the leading cause of cancer-related deaths. And with an innovation grant of \$193,798 from the Canadian Cancer Society (CCS), Dr. Craig and his team hope to get one step closer.

"Metastasis — or the spread of cancer from its primary tumour site to another location in the body — is a critical stage to prevent. This grant from the CCS will allow us to conduct research on metastasis and develop new tools to prevent it," says Dr. Craig. "Many current therapies are focused on trying to shrink tumours and have a limited ability to prevent the spread of tumours."

Dr. Craig and several talented trainees are developing and testing inhibitory antibodies targeting key signals that cancer cells re-



Andrew Craig and his research team recently received an innovation grant of \$193,798 from the Canadian Cancer Society.

quire for metastasis. These novel antibodies are being developed with collaborators in Toronto, and Dr. Craig's team is actively profiling them to identify the most effective ones against highly metastatic breast and skin cancers.

Antibodies are proteins found in the blood produced to respond to and counteract foreign substances, but have been increasingly used to specifically target cancer.

"This grant will allow us to identify lead antibodies and test their potency in pre-clinical models of metastatic cancer," says Dr. Craig. "We will strive to secure the additional funding and partners that will be needed to translate these tools into new immunotherapies for clinical trials in human cancer patients."

This grant, made possible by donations to the CCS, has attracted new post-doctoral fellows and graduate students to Dr. Craig's research team.

"Being able to develop and maintain a strong research-intensive atmosphere is another extremely important part of receiving this grant support," says Dr. Craig. "The opportunities for collaboration as a result of bringing in new researchers is invaluable to tackling this challenging disease."

This funding was provided by the Canadian Cancer Society Innovation Grants program.

UNIVERSITY COMMUNICATIONS

Speaking the world's language

BY ANDREW STOKES,
COMMUNICATIONS OFFICER

Campus has gotten a little more multicultural since the creation of the World Languages Club this January.

Aimed at people who want to speak new languages and learn about world cultures, the club holds language- and culture-themed nights out of the Queen's University International Centre. They're hoping to spark greater interest in cross-cultural sharing and learning.

"Language is such a big thing that connects and it's not given enough focus in our predominantly English-speaking environment," says Daniel Hu (ArtSci '15), the club's president. "We want to encourage a campus culture of multilingualism."

Leading by example, Mr. Hu, who is also chair of the Department of Literatures, Languages and Cultures' student council, is fluent in or working on learning five different languages.

"We would really like to build a membership that is not restricted to language concentrators and international students. We want to make this opportunity available to the wider Queen's community."

— Daniel Hu

Though there are a number of smaller language clubs around campus, Mr. Hu says they struggle to maintain consistent mem-



Daniel Hu and the World Languages Club want to make campus more multilingual.

bership and interest, something he hopes the World Languages Club can fix. Its plan is to have chapters within the club that run events about a given language or culture, such as an Oktoberfest for German and the Lunar New Year for Chinese. That way, events will be more regular, structured and the club can retain more members.

In order to make sure the events are accessible for all skill levels among speakers, they'll utilize a rotation system. The system groups together those with similar skills and has more proficient

speakers deliver lessons to those who need them.

"We would really like to build a membership that is not restricted to language concentrators and international students," says Mr. Hu. "We want to make this opportunity available to the wider Queen's community."

Along with culture-specific nights, the club will also hold multilingual events celebrating international exchange and the benefits of multilingualism. Complementing all events will be a spread of food related to their cul-

ture, either provided by the club or assembled by potluck.

"This is a great venue for students to get together, discuss what they've learned and even practice their foreign language skills," says Dr. Donato Santeramo, Head, Department of Languages, Literatures and Cultures.

The department will be assisting and liaising with the club as it continues to grow.

More information can be found at the club's webpage myams.org/clubs/club-profile-pages/world-languages-club.aspx.

Queen's MBA ranked in global top 100

BY COMMUNICATIONS STAFF

The Financial Times has released its list of the top 100 full-time global MBA programs with Queen's placing 86th in the world and third in Canada.

This marks the first year that Queen's School of Business (QSB) has participated in Financial Times' ranking of full-time MBA programs since 2009.

"We made significant, market-driven changes to our full-time MBA program over the last few years, and wanted to wait until those program enhancements were established before reentering the ranking," said David Saunders, Dean, Queen's School of Business. "We are very pleased to be recognized as one of the top 100 programs in the world by the widely respected Financial Times."

The Financial Times global MBA ranking is calculated based on 20 separate criteria, such as value for money, career progress, international faculty and faculty research, but is heavily weighted to salary measures (worth 40 per cent of the overall ranking). Six Canadian schools made the 2015 ranking.

In October 2014, Queen's MBA was ranked in the top 10 in the world outside the U.S. in Businessweek's Best Business Schools ranking. QSB also topped the list for Canadian Business magazine's ranking of Canada's Best MBA Programs. The Canadian Business "Top 10" focuses on value for money, citing "a big return on investment" as the key reason Queen's MBA secured the top spot in the 2014 ranking.

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eventscalendar

Tuesday, Feb. 10, 11:30 am-2:30 pm Live and Work Kingston Fair

Are you a Queen's undergraduate or graduate student interested in finding part-time, summer or after graduation work in Kingston? Don't miss this event at the Athletics and Recreation Centre (ARC).

Tuesday, Feb. 10, 12:30-1:30 pm Queen's Geoscience Speaker Series presents Dr. Jurgen Scheiber

Dr. Jurgen Scheiber, Indiana University, AAPG Distinguished Lecturer, will be presenting on "Depositional Process - Fabric - Pore: Conceptualizing the connection between depositional regime, pore types, and porosity in mudstone." (With some extras on experimental shale sedimentology) Miller Hall 105

Tuesday, Feb. 10, 6:30-8:30 pm LLCU Film Night - L'auberge espagnole

Xavier is a French university student who moves to Barcelona, Spain, to learn Spanish in order to score a desirable job. Residing in a house with other young Europeans of varied nationalities, Xavier has a life-altering experience living in such an international environment. Kingston Hall, Room 200

Tuesday, Feb. 10-Thursday, Feb. 12, 8-10 pm If We Were Birds

The Queen's University Drama Department presents the multi award-winning, *If We Were Birds*, written by Erin Shields and directed by Kim Renders. Based on Ovid's *Metamorphoses*, *If We Were Birds*, is a poetic re-telling of the myth of sisters Philomela and Procne. Shields spins this ancient tale into a modern parable about the horrors of war. At the Isabel Bader Centre for the Performing Arts. Ticket: Adults \$22; Students/Seniors \$15.

Wednesday, Feb. 11, 1:30-3 pm A conversation about engaging your students with student response systems

In this session, we will discuss the

pedagogical and technological components that will help instructors develop in-class activities that engage students and provide them with opportunities to think critically and test their understanding about what they are learning. We will focus on learning-centered question design, question types, strategies for using them in class, and hands-on activities using clickers. We will also provide information about follow-up resources at Queen's and relevant resources and best practices from the literature.

Thursday, Feb. 12, 29, 3-4 pm Hand Drumming

Come to Four Directions Aboriginal Centre at 146 Barrie St. and learn to sing Anishnawbe hand drum songs. No experience necessary! All are welcome!

Thursday, Feb. 12, 5-6:30 pm QUIC English Conversation

Join the group, meet others, gain confidence in conversational English and have fun! Free weekly drop-in sessions run Thursday, 5-6:30 pm from mid-September until late April.

Friday, Feb. 13, 10-11 am Guest Speaker in Linguistics

John Esling, President of the International Phonetic Association and Professor Emeritus, University of Victoria, will be speaking on Voice Quality: The Laryngeal Articulator, Infant Speech Acquisition, Teaching Implications. Location: Kingston Hall, Room 204

Friday, Feb. 13, 11:30 am-1 pm 2015 Economics and Healthcare Speaker Series

The Monieson Centre for Business Research in Healthcare is proud to present the third Economics and Healthcare Speaker Series. We will welcome Robin S. Lee, Assistant Professor of Economics, Department of Economics, Harvard University, to present "Insurer Competition and Negotiated Prices." This is a free event including a light lunch and refreshments. Please RSVP to

monieson@business.queensu.ca to secure your seat. Goodes Hall, Rm 108

Friday, Feb. 13, 1:30-2:30 pm Queen's Geoscience Speaker Series presents Dr. Jean H. Bedard

Dr. Jean H. Bedard, Geological Survey of Canada, Quebec, GAC Howard Street Robinson Lecturer (Precambrian Division) will be presenting on "Continental drift on subductionless stagnant-lid planets, the Archaean Earth and Venus." Miller Hall 105

Friday, Feb. 13, 6-11 pm Basketball: Queen's vs. Carleton

The women's and men's basketball teams host their rivals from Carleton at the ARC. The game schedule is subject to change. Please consult the Athletics Events Calendar for all the current details, including game location.

Saturday, Feb. 14, 6-11 pm Basketball: Queen's vs. Ottawa

The women's and men's basketball teams host their rivals from Ottawa at the ARC. The game schedule is subject to change. Please consult the Athletics Events Calendar for all the current details, including game location.

Saturday, Feb. 14, 8:45 am- 8 pm QUIC Winterlude Bus Trip to Ottawa

Come experience Ottawa's festival of ice and snow. Tickets are for sale \$55 at QUIC Front Office. Events and activities include: ice sculptures, dog sled races and skating on the Rideau Canal.

Monday, Feb. 16, 10:30 am-12 pm Teddy Bear Hospital: Family Day Program

Discover one of our most beloved education programs this Family Day! Bring your teddy bear or other special stuffed animal to the Museum of Health Care, 32 George St., where trained teddy doctors and nurses will be on hand to examine and treat your toy's bumps, lumps, and bruises. The event will include a special story time,

tasty snacks and a hands-on craft activity. Suitable for ages 3-8, with adult accompaniment. \$5/child (adults free). Pre-registration required. Please call (613) 548-2419, email info@museumofhealthcare.ca, or book online.

Thursday, February 19 Lunar New Year

The first day after the new (dark) moon is a religious and cultural festival celebrated by Chinese, Vietnamese and Koreans of Buddhist and other backgrounds as New Year's Day. Tibetans may celebrate on the following day. Religious accommodation for special worship may be required for this observance/holy day.

Thursday, Feb. 19, 12:15-1 pm Tours of the Agnes

The Agnes Etherington Art Centre offers an informative 45-minute tours to introduce the new exhibitions. Tours begin at 12:15 pm.

Thursday, Feb. 19, 5-6:30 pm QUIC English Conversation Group

Join the group, meet others, gain confidence in conversational English and have fun! Free weekly drop-in sessions run Thursday, 5-6:30 pm from mid-September until late April.

Thursday, Feb. 19, 5:30-6:30 pm John Austin Society speaker series

The John Austin Society for the History of Medicine and Science invites all members of the Queen's and Kingston community to the University Club as Dr. Robert Kisilevsky speaks on "The Amyloid Story. Some Steps Forward and Some Steps Back."

Monday, Feb. 23, 12-12:30 pm Lunchtime Breathing Meditations

Protect your mind against stress with a 30-minute breathing meditation. All are welcome – students, staff, faculty, women and men – anyone who needs relaxation and a calm mind. No meditation experience necessary. Each session is self-contained.

Suitable for beginners and experienced meditators. We meet in the Flower Pot Room, lower level. Once you enter the Ban Righ Centre, turn left. Just before the kitchen is a small stairway to the lower level.

Thursday, Feb. 26, 29, 3-4 pm Hand Drumming

Come to Four Directions Aboriginal Centre at 146 Barrie St. and learn to sing Anishnawbe hand drum songs. No experience necessary!

Thursday, Feb. 26, 29, 3-4 pm Majors Night for Arts & Science Students

Thinking about choosing a major (or changing your program)? Come to Majors Night at Grant Hall and meet DSC reps from each Arts & Science program.

Thursday, Feb. 26, 5-6:30 pm Dunning Trust Lecture: Transgender Histories and Futurities

Leading Queer and Transgender Studies Scholar, Dr. Susan Stryker, Associate Professor of Gender and Women's Studies, University of Arizona, interlaces scholarship, filmmaking and grassroots activism in an interdisciplinary approach to academia and social justice at the Dupuis Auditorium. Reception and signing to follow at the Elspeth Baugh Fireside Room, Ban Righ Hall.

Friday, Feb. 27, 7:30 pm School of Music Fundraiser: A Night at the Proms...And then Off to the Music Hall

Queen's School of Music presents a spectacular fundraising event, "A Night at the Proms...Then Off to the Music Hall," directed by Gordon Craig and produced by Bruce Kelly. Take part in welcoming the Queen's Symphony Orchestra, stunning solo singers and spectacular ensembles in the first School of Music fundraiser at the Isabel. Admission: General Seating; \$25. Tickets available through theisabel.ca, 613-533-2424, and at the door.

5 Things to know about Microsoft Office 365, Queen's chosen suite of collaboration tools

Staff and faculty will be upgrading to Office 365 email and calendar service (Exchange Online) over the Family Day Weekend, joining the undergraduate and graduate students who upgraded in 2013 and 2014.

1 The Office 365 Web App provides one-stop access to your email, calendar, contacts, tasks, OneDrive for Business and Office Online.

2 Office Online lets you use Word, Excel, PowerPoint and OneNote without having to have Microsoft Office installed on your computer.

3 Office 365 offers seamless integration across multiple devices – desktops, laptops, tablets, phones.

4 Exchange Online provides 10x more mailbox storage than Exchange on-premise (50 GB instead of 5 GB).

5 OneDrive for Business gives each user 1 TB (that's 1,000 GB!) of storage space.

athletics and recreation

Gaels claim squash, fencing titles

BY COMMUNICATIONS STAFF

Queen's Gaels teams picked up a pair of OUA championships as the women's squash and women's fencing squads out-dueled their competition.

On the squash court in Waterloo, Queen's picked up their 11th women's title and first since 2010. The Gaels' 27 team points edged out last year's champion, Toronto, who finished with 24.

In women's individual play, Heather White of Queen's earned the top spot and was named MVP. The Gaels' Natasha Anzik earned top rookie honours.

The Gaels men's team placed sixth overall, with Western claiming their 32nd straight title.

In fencing, with one gold and three bronze medals, and strong top-eight finishes, the Gaels



The Gaels women's squash team celebrates after winning the OUA title in Waterloo.

women's squad accumulated enough points to capture its second consecutive OUA banner at the championships held at York University.

Queen's claimed their only gold in the team sabre event but also picked up the bronze in the team foil competition. The epee

team just missed the podium, placing fourth.

Individually, Tiffany Chan picked up a bronze in foil while Lily Jiang matched her performance in sabre. Nancy Chua placed fourth in foil while in sabre Julia Meerakker and Tina Zhang placed fourth and sixth respectively.

SUPPLIED PHOTO

fittip

With the aim of helping faculty and staff 'Get your 150' (minutes of recommended exercise a week) to improve health and wellness, the Gazette and Athletics and Recreation will be offering a Fit Tip in each edition.

The healthy balance

Time is tight, there's work deadlines, family obligations, big goals, bigger dreams. Going for it all without the help of a healthy body comes at a cost; your health, your time and the quality of how you live it.

Here are a few suggestions to help find balance:

- Think health first. When you change the way you look at things, the things you look at change.
- Be a mindful eater. Eat breakfast, eat out less and overhaul your lunch with nutritious alternatives.
- Walk whenever possible and always take the stairs.
- Socialize less around food and drink and more around activity or activity inspiring events.
- Take advantage of the knowledge around you, get a workout plan from a personal trainer or attend lunch & learn sessions.
- Start today! Why put off tomorrow what you can do today.

Start small, roll with it, add on and before you know it, you will be feeling healthier, happier, fitting it all in.

Wisdom teeth extractions

Sedation dentistry

Invisalign®  invisalign®

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 Root Canal Therapy ~ Non-surgical Gum Therapy
 Snoring & Sleep Apnea Treatment
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fortherecord

Voting now open for Board, Senate elections

Online elections are currently running for staff and faculty/librarian/archivist positions on the Board of Trustees and a staff position on the Senate.

Nominees for staff senator include: Kris Bowes (Health Sciences), Tom Bradshaw (Computing), Aimee Burtch (Law), Stacey Kiefer (Residence Life), Allen McAvoy (Family Medicine) and Dean McKeown (Business). Nominees for staff trustee include: Brad Barbeau (Business), Jennifer Clark (Project Portfolio), Ginette Denford (Division of Student Affairs), Sarah Kaufmann (Engineering and Applied Science) and Mark Swartz (Library). Nominees for faculty/librarian/archivist trustee include: David Bakhurst (Philosophy), Gregory Jerkiewicz (Chemistry) and Ariel Salzmann (History).

Visit adv.queensu.ca/elections/secretariat/ to vote. Your authentication key is your employee number. Staff members note: you need to click on "Group 2" at the bottom of the Staff to Board election to view/vote

on the Staff to Senate election.

The last day to cast your vote is Feb. 17. Polls will close at 4 pm.

Nominations now accepted for Distinguished Service Award

Queen's faculty, staff and retirees are invited to nominate candidates for a Queen's Distinguished Service Award. Inaugurated by the University Council in 1974, this award recognizes individuals who have made the university a better place through their extraordinary contributions. Recipients become honorary life members of the council.

Recent changes to the University Council bylaws now allow Queen's employees and retirees to nominate recipients, who will be recognized at the University Council annual dinner on Saturday, Nov. 7.

The guidelines, the nomination form and additional information are available at queensu.ca/secretariat/council/dsa.html

Please submit nominations to the University Council executive committee, care of the University Secretariat, by Thursday, April 30, at 4 pm.

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

Senate committee vacancies posted

The Senate Governance and Nominating Committee is calling all faculty, staff and students to put their names forward for Senate committee membership - queensu.ca/secretariat/senate.html.

• Committee terms are usually for two years, with the number of meetings per year depending on the particular committee's area of responsibility;

• Most terms will start Sept. 1, 2015, but any exceptions are listed next to the committee name on the vacancies page;

• Application forms are available on the Secretariat website for faculty, staff, and students.

• NEW: You can apply for a Chair position if you are interested in serving as a committee chair. Chair vacancies are listed on the vacancies page and require a different applica-

tion form.

Applications are due March 20.

Senate committees discuss issues of broad interest to the academic community and make recommendations on policy and practice that are essential to the university's operations and evolution. Committee work allows you to directly impact the way Queen's functions as a teaching and research institution, and as a community of scholars, students, and staff.

Contact senate@queensu.ca if you have any questions.

Committee formed to review Centre for Neuroscience Studies

In accordance with Queen's University Senate Policy on "Procedures Governing the Establishment, Reporting and Review of Research Centres, Institutes and Other Entities at Queen's University," Vice-Principal (Research) Steven Liss is pleased to announce the membership of the advisory committee for the review of the Centre for Neuroscience Studies:

• Dr. John Fisher, Associate Vice-Principal (Research), Committee Chair

- Dr. Brian Bennett, Associate Dean, Graduate and Postdoctoral Education, School of Medicine
- Dr. Wendy Craig, Department of Psychology
- Dr. Lynda Jessup, Associate Dean (Research)
- Dr. Christopher Wallace, Chief, Division of Neurosurgery, Department of Surgery
- Dr. Andrew Winterborn, University Veterinarian
- Dr. Kelly Blair-Matuk, Office of the Vice-Principal (Research), Secretary of the Committee

Members of the university community are invited to submit their comments on the present state and future prospects of the Centre for Neuroscience Studies to Dr. Fisher c/o the Office of the Vice-Principal (Research), by Feb. 13, 2015. Comments may also be sent by email to research@queensu.ca. Submissions will be shared with the members of the Advisory Committee and will become part of the review process; anonymous submissions will not be accepted. For more information on the centre, visit queensu.ca/neuroscience/index.html.

books

Our Flag: The Story of Canada's Maple Leaf, by Ann-Maureen Owens and Jane Yealland



This popular one-stop reference to the national flag of Canada has been updated and revised in time for the 50th anniversary of the Maple Leaf flag.

Ann-Maureen Owens and Jane Yealland start with basic background on all the different flags that have flown over Canadian land, and why they flew there. They then turn to the fascinating play-by-play of how today's beloved Maple Leaf flag design came to be – including how some government leaders took a personal interest in the design, as well as how ordinary Canadians were given the opportunity to weigh in with their own ideas.

The authors further round out the flag topic with illustrations and descriptions of Canadian provincial flags, flag designs from other countries and a brief recap of how people have used flags throughout history.

There are two craft activities, perfect for classroom use: one for making a Canadian flag and its flagpole, and one for creating international code signal flags.

The lively, colorful art throughout the book, by Bill Slavin and Esperanca Melo, brings the text to life and keeps it interesting and absorbing for young readers.

Because the story of Canada's flag so closely follows the story of Canada's history, this title is a natural fit for any Canadian studies class or any social studies unit on the design and importance of national flags.

humanresources

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.

■ **Competition:** 2015-027

Job Title: Security Operations Specialist (USW Local 2010)

Department: Information Technology Services

Hiring Salary: \$57,160 (Salary Grade 8)

Hours per Week: 35

Appointment Terms: Continuing Appointment.

Closing Date: 18-Feb-2015

■ **Competition:** 2015-021

Job Title: Director, Student Services Division

Department: Faculty of Arts and Science

Hours per Week: 35

Appointment Terms: Continuing Appointment

Closing Date: 16-Feb-2015

■ **Competition:** 2015-019

Job Title: Director, Business Development

Department: Faculty of Engineering and Applied Science

Hours per Week: 35

Appointment Terms: Term Appointment (3 year)

Closing Date: 27-Feb-2015

■ **Competition:** 2015-017

Job Title: Director, Queen's School of English

Department: Faculty of Education

Hours per Week: 35

Appointment Terms: Continuing Appointment

Closing Date: 22-Feb-2015

■ **Competition:** 2015-015

Job Title: Director, Government and Institutional Relations

Department: University Relations

Hours per Week: 35

Appointment Terms: Continuing Appointment. Competition will remain open until filled. Consideration of applications will commence Feb. 2.

Closing Date: 22-Feb-2015

■ **Competition:** 2014-319

Job Title: Senior Research Engineer

Department: School of Computing

Hours per Week: 35

Appointment Terms: Research Position-Term appointment (1 year)

Closing Date: 31-Mar-2015

■ **Competition:** 2014-319

Job Title: Application Advisor (USW, Local 2010)

Department: School of Business

Hours per Week: 35

Appointment Terms: Term Appointment (1 year)

Closing Date: 27-Feb-2015

■ **Competition:** 2015-017

Job Title: Director, Queen's School of English

Successful Candidates

Job Title: Application Advisor (USW, Local 2010)

Department: School of Business

Hours per Week: 35

Appointment Terms: Term Appointment (1 year)

Closing Date: 27-Feb-2015

■ **Competition:** 2014-319

Job Title: Production Manager, Materials (USW, Local 2010)

Department: School of Business

Hours per Week: 35

Appointment Terms: Term Appointment (1 year)

Closing Date: 27-Feb-2015

■ **Competition:** 2014-292

Job Title: Jerimie Berdard (Executive MBA)

Job Title: Mechanical Technician (CUPE Local 254)

Department: Faculty of Engineering and Applied Science

Hours per Week: 35

Appointment Terms: Continuing Appointment

Closing Date: 22-Feb-2015

■ **Competition:** 2014-085

Job Title: Operating Engineer, 3rd Class (CUPE Local 229)

Department: Physical Plant Services

Hours per Week: 35

Appointment Terms: Continuing Appointment. Competition will remain open until filled. Consideration of applications will commence Feb. 2.

Closing Date: 22-Feb-2015

■ **Competition:** 2014-319

Job Title: Senior Research Engineer

Department: School of Computing

Hours per Week: 35

Appointment Terms: Research Position-Term appointment (1 year)

Closing Date: 31-Mar-2015

■ **Competition:** 2014-292

Job Title: Jerimie Berdard (Executive MBA)

Department: School of Business

Hours per Week: 35

Appointment Terms: Term Appointment (1 year)

Closing Date: 27-Feb-2015

■ **Competition:** 2014-288

Job Title: Kevin Tanner

Department: Human Resources

Hours per Week: 35

Appointment Terms: Continuing Appointment

Closing Date: 27-Feb-2015

■ **Competition:** 2014-213

Job Title: Paul Kerekes

Department: Information Technology Services

Hours per Week: 35

Appointment Terms: Term Appointment (1 year)

Closing Date: 27-Feb-2015

■ **Competition:** 2014-272

Job Title: Abdourahmane Diallo

Department: Information Technology Services

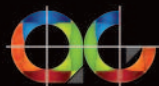
Hours per Week: 35

Appointment Terms: Term Appointment (1 year)

Closing Date: 27-Feb-2015

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