



the gazette

Queen's University's newspaper of record since 1969 ■ queensu.ca/gazette ■ August 30, 2016

A YEAR TO CELEBRATE



Signs that the Queen's community is in a celebratory mood are popping up around campus. During the 2016-17 academic year the university is marking the 175th anniversary of the granting of a Royal Charter to Queen's.

C^D

CAMPUS DENTIST



NOW OPEN

WE ARE OPEN ALL YEAR ROUND TO ALL STUDENTS, STAFF, FACULTY & TO ALL MEMBERS OF THE PUBLIC.

FREE TEETH WHITENING
WITH NEW PATIENT EXAM AND CLEANING

613.549.3840
www.campusdentist.com

Task force releases preliminary report

BY WANDA PRAAMSMA, SENIOR COMMUNICATIONS OFFICER

The Queen's University task force assigned to respond to calls to action outlined by the Truth and Reconciliation Commission (TRC) of Canada has released its preliminary report, detailing the consultation and information-gathering process and the longer-term plan moving forward.

"The TRC final report marked a significant juncture in Canada's history, and responding to the calls to action directed toward the post-secondary sector, as well as contributing to the ongoing process of reconciliation, is a priority for Queen's," says Principal Daniel Woolf. "We want the process and final recommendations to be as comprehensive as possible, and this preliminary report is a step toward achieving that goal."

The Truth and Reconciliation Commission Task Force at Queen's formed following the release of the TRC report, *Honouring the Truth, Reconciling the Future*, in December 2015. Made up of Aboriginal and non-Aboriginal administrative leaders, faculty

and staff members, students, and Aboriginal community representatives, the task force met several times during spring 2016 to survey current offerings on campus, to prepare themes and questions for discussion, and to map out the consultation phase scheduled for fall 2016.

"Across campus, there is a great deal of enthusiasm and dedication with respect to this process, and to ensuring it addresses, in a meaningful way, all of the calls to action directed at post-secondary institutions," says Jill Scott, Vice-Provost (Teaching and Learning), who co-chairs the task force along with Mark Green, Professor and Associate Head, Civil Engineering. "We also want to go beyond those calls and thoughtfully contribute to reconciliation in a much larger and integrated way."

The task force has been asked to consider the broader implications of the TRC report, and how Queen's can further support Aboriginal students, staff, and faculty; enhance and increase academic programs and research related to Indigenous peoples and experience; and create a wel-

"Across campus, there is a great deal of enthusiasm and dedication with respect to this process, and to ensuring it addresses, in a meaningful way, all of the calls to action directed at post-secondary institutions."

— Jill Scott

coming environment.

The preliminary report provides a compendium of existing initiatives that were designed with the intention of supporting Aboriginal students, creating an inclusive community, and promoting awareness of Indigenous histories, perspectives, and knowledge. The list is not exhaustive, nor does it address any gaps that may exist. The list will be expanded as the task force moves through the consultation phase.

"A central component of the task force's work will be to identify areas of strength and effective practices, as well as areas in need of improvement," the report says. "This work will be informed by exploring the lived experi-

ences of Aboriginal and non-Aboriginal students, faculty, and staff at Queen's, as well as best practices found within the higher education sector."

Dates for consultation will be set for the fall. The task force is committed to engaging extensively with, among others, Queen's students, faculties, Student Affairs, Aboriginal Council of Queen's University, and local communities. The task force will also provide opportunity for feedback in private and confidential settings, and welcomes written submissions via email (trc-taskforce@queensu.ca) and regular mail.

Following the consultation phase, the task force will prepare a final report, informed by the engagement with the community. The task force anticipates that the final report will be submitted to the provost and principal in February 2017.

More information, and the preliminary report, is available from the Office of the Provost and Vice-Principal (queensu.ca/provost/committees-and-reports/truth-and-reconciliation-commission-task-force).

the gazette

Volume 44, Number 11, 2016

EDITOR

Andrew Carroll
613-533-6459, ext. 36459
andrew.carroll@queensu.ca

ASSISTANT EDITOR

Mark Kerr
613-533-6000 ext. 77473
mark.kerr@queensu.ca

ADVERTISING COORDINATOR

Peter Gillespie
613-533-6000 ext. 75464
advert@queensu.ca

www.queensu.ca/gazette

Subscriptions are \$30 per year.

QUEEN'S UNIVERSITY VICE-PRINCIPAL (UNIVERSITY RELATIONS)

Michael Fraser

The *Gazette* is published biweekly during the academic year (September – April) and monthly during the Spring and Summer months (May – August) by University Communications, Richardson Hall, Queen's University, Kingston, ON Canada, K7L 3N6.

Submissions and letters are welcome, and may be emailed to andrew.carroll@queensu.ca. The editor reserves the right to edit or refuse any submission. Views expressed or implied are those of individual contributors or sources quoted and do not necessarily reflect university policy.

SCHEDULE

Issue date: Sept. 13
Ad booking deadline: Aug. 26
Ad artwork deadline: Sept. 2
Noon editorial deadline: Sept. 6

Issue date: Sept. 27
Ad booking deadline: Sept. 9
Ad artwork deadline: Sept. 16
Noon editorial deadline: Sept. 22

ADVERTISING POLICY

The *Gazette* is a newspaper published by University Communications ("Publisher") for the primary purpose of internal communication to its faculty and staff members.

All advertising is subject to the Publisher's approval. The Publisher reserves the right to revise, reject, discontinue or omit any advertisement, or to cancel any advertising contract for reasons satisfactory to the Publisher without notice and without any claim for penalty.

The Publisher does not accept liability for any loss or damage caused by any error in accuracy in the printing of an advertisement beyond the amount paid for the space actually occupied by that portion of the advertisement in which the error occurred.

The advertiser agrees to indemnify the Publisher for any losses or costs incurred by the Publisher as a result of publishing any advertisement, which is libelous or misleading, or otherwise subjects the Publisher to liability.

The Publisher may insert the word "advertisement" above or below any copy. The Publisher requires that any advocacy advertisement identify the advertiser placing the ad.

The Publisher will not knowingly publish any advertisement which is illegal, misleading or offensive to its readers.

The Publisher will not knowingly publish any advertisement which violates the university's internal policies, equity/human rights policies or code of conduct. Further, the Publisher will not publish any advertisement which contravenes the best interests of the university directly or indirectly.



Queen's
UNIVERSITY

An improved experience and design

BY COMMUNICATIONS STAFF

As part of its ongoing consultation and outreach activities, on July 6, Queen's University held a public information session to update neighbours and community members on the construction of Richardson Stadium and plans for the official opening.

"I thank all of those who attended the information session, asked questions and shared their thoughts on the new stadium," says Michael Fraser, Vice-Principal (University Relations). "With the revitalized stadium set to open in September, I look forward to continued consultation and engagement with the community on Richardson Stadium and other Queen's initiatives."

At the information session, John Witjes, Associate Vice-Principal (Facilities), reported that construction of the new stadium is progressing well and is on schedule for the grand opening and inaugural football game, scheduled for Sept. 17.

"The revitalization of the stadium has allowed for many design improvements to enhance the user experience," he says. "The stadium is fully accessible, has elevated seating with improved sightlines, and will include the lat-



The grand opening of the revitalized Richardson Stadium will be held Saturday, Sept. 17 along with the inaugural football game at the venue as the Queen's Gaels take on the Western Mustangs.

est field turf technology. Also included are new lighting and sound systems, which will improve stadium operations and reduce the impact on Queen's neighbours. This was one of our key focuses on this project."

The state-of-the-art sound system will focus amplified sound, by using distributed speakers around the stadium that each operate at a lower volume. In addition, the stadium's bowl-shaped design will reduce overall sound levels. The university has followed the recommendations of the sound consultant engaged on the project.

The new lighting system uses shielded, higher lights that direct downward and focus on the field surface. This provides enhanced field level lighting and reduces light spillover outside the stadium. In addition, the new east parking lot lights are dark sky compliant, a state-of-the-art technology that minimizes light pollution and reduces light spillover from the parking lot. The university also commissioned an arborist to help reduce the impact to existing trees and has increased the number of trees on site.

With the elimination of the running track, the overall footprint of

the stadium has shifted to the east and north. While the east side of the stadium is in the same position, the west side is roughly 40 feet further east, creating more space between the stadium and the western boundary of the property. The main entrance is now conveniently on the stadium's east side.

"The new stadium will include a better experience and upgraded amenities for all those coming to the venue. Queen's looks forward to special preview tours for our neighbours as construction nears completion and will also be sharing a final program for the stadium opening shortly," says Leslie Dal Cin, Executive Director, Athletics and Recreation.

The stadium offers integrated and varied seating options and improved sightlines, bringing the fans closer to the field action. An array of enhanced amenities includes a new box office, new washrooms, concessions, an upper concourse with access to both sides of the field, a new video board and sound system, modern stadium lighting, and paved parking with reserved access. For the press and media, the stadium is fully TV compatible with designated work stations and TV camera spaces within the new press box.



A thoughtful leader and 'steward' for Queen's

BY WANDA PRAAMSMA, SENIOR COMMUNICATIONS OFFICER

When reflecting on his approach as provost, Benoit-Antoine Bacon emphasizes the importance of stewardship.

"I think leadership and stewardship need to go hand in hand. There is a crucial element of care involved in stewardship," says Queen's new provost and vice-principal (academic). "When you look at an institution like Queen's, with a 175-year history, you need to look at it in terms of caring – for the traditions, for the strengths. And part of that caring is to make sure we remain relevant over time. We should all feel like stewards of the university and its future success."

Dr. Bacon, who began as provost this month and is a member of the Department of Psychology, is deeply passionate about the inner workings of the human brain and how we "see" the world – what is called visual neuroscience, or how our brain reconstructs visual reality.

Without a doubt, decades in psychology, the science of human thought and behaviour, provides insight into how to best steer a large and complex institution.

"I loved my studies, I love being a professor of psychology, and I think it's very useful in everything I do," says Dr. Bacon, who has held professorships and lead administrative roles at Concordia University and Bishop's University.

Early in his career, Dr. Bacon played a role in navigating Bishop's out of difficult times, when low enrolment, labour unrest, and financial issues sent the university into crisis.

"That experience showed me that this kind of stewardship matters. We are here to create an optimal space, where faculty, staff, and students can do their best work," says Dr. Bacon.

By 'we,' Dr. Bacon means the entire Queen's administration, but more specifically the work he will do alongside Principal and Vice-



PHOTO BY BERNARD CLARK

New Provost Benoit-Antoine Bacon believes in balance – care for Queen's strengths and traditions and experimentation for future success.

Chancellor Daniel Woolf.

"Daniel is an impressive leader with a strong vision, and his tenure of seven years and counting as principal speaks to that," says Dr. Bacon. "It is important in any institution to have a principal and provost who complement each other and are aligned in their thinking. I am very confident that Daniel and I have that."

Experimentation and a shifting landscape

Regarding his research, Dr. Bacon talks of how every image the brain sees is filtered twice – first by our perceptual, sensory systems, our eyes and complete physiology – and second, cognitively, through the mental processes and accumulated images used to make sense of what we see.

"Top-down, cognitive input impinges on our perceptions and shapes them," he says, going on to

explain how creativity is essentially the ability to suspend the obvious interpretation of the world and go with alternative interpretations.

That ability to suspend the obvious interpretation is important at the university, where Dr. Bacon says experimentation is and will be essential for continued success.

"One of the things that attracted me here was Queen's very powerful combination of a strong research portfolio and a truly first-class student experience. Not many universities in Canada do both of those things really well," he says.

"The challenge is how can we continue to protect and develop those two things conjointly, in full respect of the traditions, of the strengths, of the history of the university – and at the same time ask ourselves, how is the world

changing and how do we adjust our approach and still stay true to ourselves while adapting to a changing world?"

In particular, Dr. Bacon sees great opportunity in increasing and progressing Queen's digital and global presence – two areas that he says complement and influence each other, and strengthen other areas.

"Digitalization and internationalization, especially taken together, will increase our ability to contribute to solving the burning issues of our time, whether diversity and inclusion, climate change and sustainability, or social justice, including access to education. And all of this together works to bolster the university's reputation as a whole."

Dr. Bacon emphasizes that the future requires creative thinking, and addressing the shifting needs

Office of the Provost and Vice-Principal (Academic)

Benoit-Antoine Bacon was named provost and vice-principal (academic) by Principal Daniel Woolf. The provost is the university's chief academic, budget, and operating officer. In these roles, Dr. Bacon is responsible for the development of the university's budget, as well as oversight of academic program development and review under the Queen's University Quality Assurance Processes. He also works with his fellow vice-principals and senior leadership team to ensure that operational planning is fully integrated across the university, aligns with the university's strategic vision, and is supported by an appropriate allocation of resources.

The Office of the Provost welcomes your questions and feedback at provost@queensu.ca.

of students – notably, students entering university around 2025, those who have had the richest immersion in the digital world.

"As the university's chief academic, budget, and operating officer, I have the responsibility of making sure everything runs as well as it can. I look forward to working with everyone to that end, but I think just as importantly, we need to take a longer view, to five, 10, 20 years from now. What do we need to do today to be successful then?"

Key to that longer view is building on the direction that has already been established by Principal Woolf, including through the university's Strategic Framework. The provost is grateful to the principal for the opportunity to be at Queen's – at first word of the available position, Dr. Bacon knew it wouldn't be something he could turn down, even though it meant leaving his hometown of Montreal and important partnerships in the city.

"I am really excited to be here – Queen's is an exceptional place with a strong alumni community, great staff and faculty, and incredible students – they are a very talented and successful group who have always had a strong voice on campus and who stay engaged with every part of university life. I've already met with student leaders, including Rector Cam Yung, and I look forward to working together in the years ahead."


TRUE NORTH TRANSLATIONS
 Presentations, abstracts, journals, articles etc.
French - English - Spanish - Italian - Arabic - Mandarin
 Tel: (613) 770-0656
 Email: info@truenorthtranslations.com
www.truenorthtranslations.com


gina karkoulis B.A., M.Sc.
 SALES REPRESENTATIVE

 ProAlliance Realty, Brokerage
MEMBER OF THE REALTOR ASSOCIATION OF ONTARIO
 80 Queen Street, Kingston
 DIRECT **613.539.7798** OFFICE **613.544.4141**
ginak@royallepage.ca ginakrealty.com
Helping You Visualize, and Ultimately Realize, Your Dreams



Momentum continues to build at Queen's

BY COMMUNICATIONS STAFF

In just a few days the majority of students will arrive on campus and Daniel Woolf, Principal and Vice-Chancellor, is ready to welcome them back.

Principal Woolf took a few moments to share his reflections of the past year with the *Gazette* and discuss his goals and priorities for 2016-17.

GAZETTE: The 2015-16 academic year seemed to be a particularly exciting one for Queen's. How do you plan to build on the momentum of the last year?

DANIEL WOOLF: Well, it was a very exciting year. Between the naming of the Dan School of Drama and Music thanks to a \$5 million donation from Aubrey and Marla Dan, the naming of the Smith School of Business after an unprecedented \$50 million donation from Stephen Smith, the Nobel Prize in Physics, the installation of a third Rembrandt gifted to us from Drs. Alfred and Isabel Bader and the incredible close of the Initiative Campaign, we have so many people to thank for their extraordinary generosity. However, it is important to remember that we cannot rest on our laurels and I view this as a fantastic launch into our 175th anniversary year. Now is the time to accelerate that momentum, so I have quite a few plans that I'm working on with our new provost, the other vice-principals and the board. I am looking forward to another year of good discussions and academic governance at Senate. And of course, the opening of the revitalized Richardson Stadium will be a particularly exciting moment for our university this fall.

QG: Enhancing the student learning experience remains a key priority in the university's strategic framework. How can Queen's continue to improve in this area over the course of the next year?

DW: We will be revisiting and updating some of our strategic plans of the last few years, and pushing for further advances in areas where we are already strong, such as the provision of online courses and the measurement of learning outcomes. We have also been offering longer-term internships, which contribute to greater experiential learning opportunities and we plan to continue that as well.

That said, there are some lingering and significant challenges. I still think we can improve on the number of research opportunities that are available for undergraduate students. I would say that while the general student learning experience scores very high with



PHOTO BY BERNARD CLARK

After an exciting year for Queen's, Principal and Vice-Chancellor Daniel Woolf says it is time to 'accelerate that momentum' as the university celebrates its 175th anniversary during the 2016-17 academic year.

undergraduate students, there is room to improve with respect to the graduate student experience. So, Dean of Graduate Studies Brenda Brouwer, Provost Benoit-Antoine Bacon, the SGPS and I will be working on ways that we can advance things in that area. I'm pleased with early discussions with the new presidents of the AMS and SGPS on both these issues.

QG: What are some of your goals and priorities for advancing research excellence at Queen's in 2016-17?

DW: Last year was a fantastic one for research at Queen's, between the Nobel Prize and the Breakthrough Prize in Particle Physics, the work of the Canadian Clinical Trials Group being recognized, and the many honours received by our individual faculty members and research groups. That being said, we're not where we need to be for a major Canadian U15 institution. In terms of Tri-Council awards, we do quite well on the NSERC side, but I'd like to focus this year on improving the metrics with CIHR and SSHRC awards. The other area that I'd like to work on is international research collaborations, so Vice-Principal (Research) Steven Liss and Associate Vice-Principal Kathy O'Brien and I will be working to find ways in which we can encourage them.

Faculty renewal is an urgent priority. We have done remarkable little hiring of tenure track faculty over the last number of years and that's a concern. We have a great academic staff here, but there's a whole generation of young and mid-career researchers out there that we would all dearly love to bring to Queen's. Provost Bacon

and I are committed to working with the deans and academic units on a solution to that.

QG: While we're on the topic, how can Queen's continue to build upon its internationalization strategy over the coming year?

DW: I have a number of international visits planned for the year, including one to the UK, one to Israel with the Royal Society of Canada, and others to China and India in the fall. We are doing very well in terms of improving our undergraduate visa-holding students – that's gone up by a significant percentage (from a relatively small base) over the last three years. We're fully confident we will hit our 10 per cent goal by 2019 and indeed it may well be time for a strategic discussion with the Board to determine what a suitable, longer term number is.

Ultimately, one of the goals is to improve our standing in the international rankings. While we don't, and never should, hitch our cart entirely to that horse, rankings are a reality of the modern world, and if one is competing with other universities globally, we must note that people do pay attention to them. I am hopeful that recent achievements like the Nobel Prize and perhaps greater success in nominating our researchers for significant international awards can lead us down the right path.

We need, for instance, to encourage our faculty to apply for visiting fellowships at places like the Institute for Advanced Study in Princeton, or the National Humanities Centre in North Carolina; or to apply for major research time awards such as Guggenheim fellowships. And we need to ensure that when they are

successful, their departments are able to maintain course offerings during their absence.

QG: Looking ahead, how will the university continue to address its financial competitiveness?

DW: Well, financial sustainability is the one driver that supports all others in the strategic framework, including support for our academic mission, so we constantly have to stay focused on that, as mundane and unexciting as it sounds. I and my colleagues in senior administration continue to work with our employee groups and others around the province on a reform to the pension plan and its possible migration to a sector-wide or multi-employer jointly sponsored pension plan because the pension problem remains a significant financial risk for the university.

I have also asked Provost Bacon and Deputy Provost Teri Shearer to make progress on a cost-containment exercise to enhance our procurement ability. And, I'll be working with the HR department on improving and enhancing our current talent management program so that we can reward and promote people within the university.

QG: What challenges and opportunities lie ahead for Queen's in 2016-17?

DW: In the current fiscal environment, the financial challenges are always there. We live in a province that, for the last several years, has projected a significant deficit. However, together with our sister institutions, we will be having discussions with the province on modifications to the province's funding formula over the course of this year and I expect to be a little more closely involved with this as the current Vice-Chair of the Council of Ontario Universities.

This year, one particular area of focus will be the revitalization of Queen's historic place as a major provider of, and educator in, public policy. I don't just mean the School of Policy Studies, but the fact that the university, as a whole, has been a significant source of counsel to government and training ground for career public servants over the last century. But we don't own the field anymore and haven't for a while. We've got a lot of competition out there at the moment, and that is one reason why I've empaneled a Principal's Commission on the Future of Public Policy at Queen's.

Finally, I think we need to view all of these things over the long term. Partly because of some fairly urgent fiscal issues over the past decade, I think we've become a little too fixated in recent years on annual metrics, whether we're

talking about financial sustainability or, for that matter, research. Nobel Prizes in science or, major publications in the humanities and social sciences, are not short-term outcomes.

Metrics are important, of course, but I think we all need to ask ourselves where we like to see Queen's in 30 or 40 years, when many of us will be long gone and a generation of faculty and staff being born now are stewarding the institution. I go back to my installation speech from 2009 and subsequent essays like *The Third Juncture* where I noted that if we want to be a leading university, not just in 2019, but in 2050 or 2060, we have to really do our best to plan for the long term and try to imagine (as best we can from imperfect evidence and the lack of an absolute ability to predict the future) what students will truly need. We must identify global social problems and emerging areas of research that we at Queen's can contribute to. Of course there are a huge number of unknowns—we can best deal with those by ensuring that there is a culture here that looks forward, and has the capacity to respond quickly and decisively to changing circumstances.

I've always said that the greatest challenge for Queen's is to not constantly fall back on tradition and our past achievements, but to be prepared to adapt to change. Yet, one of the things I've been really impressed by over the past seven years has been the great deal of flexibility I've seen at this university, which helps us to capitalize on our opportunities.

QG: Are there other things you are looking forward to in the year ahead?

DW: This will undoubtedly be a special year for Queen's, as we officially launch into our 175th anniversary in October. The 175th planning committee and individuals from across campus have planned so many great things for us on a very limited budget and so I must thank them for all of their hard work. Even with a few bits of scaffolding still visible and active construction underway, our campus has never looked more beautiful and we are on the verge of opening the revitalized Richardson Stadium. We also are hosting a number of major conferences this year, including the Joanna Briggs Collaboration, the Tobacco Endgame Summit, and the Royal Society of Canada's Annual General Meeting. It is incredible when you think about the fact that this university is older than Canada itself, so we want to make this year a particularly exciting one for our community, and I think we are well on our way to doing just that.



THE INAUGURAL BADER AND OVERTON INTERNATIONAL VIOLIN FESTIVAL @ THE ISABEL

Classical! Klezmer! Celtic!



collectif9



JAMES EHNES



ZUKERMAN TRIO



Kingston Fiddler KELLI TROTTER



MIDORI



The Klezmer Violin with KLEZTORY



VIKTORIA MULLOVA



King of Celtic ASHLEY MACISAAC

SPECIAL SAVINGS—
DISCOUNT FOR QUEEN'S FACULTY AND STAFF

STUDENTS 1/2 PRICE!

- OCT 13 **collectif9**
- OCT 17 **JAMES EHNES @ 40**
- OCT 22 **KELLI TROTTER**
- OCT 28 **ZUKERMAN TRIO**
- OCT 31 **MIDORI**
- NOV 06 **ELVIRA AND KLEZTORY**
- NOV 12 **VIKTORIA MULLOVA and Italy's ACCADEMIA BIZANTINA**
- NOV 16 **ASHLEY MacISAAC**

TICKETS ON SALE NOW!

Buy your festival passes today before the concerts sell out—

- Platinum Pass: Choose all 8 concerts
- Gold Pass: Choose any 5 concerts
- Silver Pass: Choose any 4 concerts

For Festival Passes and Single Tickets

CALL 613.533.2424

Mon-Fri, 12:30-4:30 PM

ISABEL BADER CENTRE FOR THE PERFORMING ARTS

theisabel.ca

HOTEL SPONSOR



MEDIA SPONSOR



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

Connecting with the community

BY ANGELA LUEDKE, PHD
STUDENT, CENTRE FOR
NEUROSCIENCE STUDIES

Beginning a new graduate program in a new city can be challenging. Getting to know your peers and settling into your research program is both exciting, and intimidating. Luckily, when I started as a young Master's student at the Centre for Neuroscience Studies (CNS) over five years ago, I heard about the Neuroscience Outreach Program (NOP), went to my first meeting, and I've been involved ever since.

Being part of the NOP served as a great way for me to connect with fellow students, as well as being a part of an environment that fosters new ideas, and gives back to the community. Given the interdisciplinary nature of the CNS, the outreach program provides both new and current graduate students with a way to connect with each other, as well as a platform for graduate students to take something they are passionate about and translate it into a community program, allowing students to give back to the public in a social, informed, and meaningful way.

The NOP is a student-run initiative that began in 2005 as a means for graduate students in the CNS at Queen's to engage Kingston and surrounding communities about neuroscience. Our hope is to create sustainable com-

munity projects ranging from both educational to social, and of course, all of them are fun.

The objectives of the NOP are far reaching, from getting young kids motivated and excited about neuroscience through interactive activities, to keeping adults and seniors informed about scientific findings and brain health. Our partnership with the community currently includes 11 diverse programs and activities that take place in schools, hospitals, and public spaces.

Several of our initiatives engage a younger audience, from as young as two to 10 years old in Sparks, Brownies, Beavers, and Cubs participating in Brain Badge, to Grades 4 and 5 students receiving classroom-based sessions led by neuroscience students culminating in a day-long visit to CNS laboratories on Brain Awareness Day. In partnership with Queen's Enrichment Studies Unit, we also host a course for Grades 7 and 8 students whereby they take the role of neuroscience investigators and use various research tools they learn about through hands-on activities.

New this year, CESAP (Concussion Education Safety and Awareness Program) educates elementary and high school students, as well as athletes and coaches about concussion. Another event available for high school students is Brain Bee, an international competition focused on neuroscience

facts and structured like a spelling bee. Apart from schools, we have also developed programs along-side local hospitals.

In partnership with Kingston General Hospital, neuroscience students visit the adolescent psychiatry ward twice a week to engage youth in a social program based on exercise and crafts. Yet another program, held at St. Mary's of the Lake Hospital, our Social Club program invites patients to participate in various crafts and games on a monthly basis.

We are also involved in initiatives aimed at the general public, including Science Rendezvous, led by the Faculty of Education, and our Public Lecture Series. Our booth at Science Rendezvous displays fun and interactive neuroscience demos and experiments. The Public Lecture Series disseminates the research behind various hot topics, changing yearly. For example, this year we had experts discuss autism, concussion, and stroke. In order to make our outreach efforts available to everyone, we offer a lecture series focused on topics of interest to seniors at a retirement residence.

I am very proud to be part of such an exceptional organization. Together with enthusiastic team members and amazingly supportive staff, we are able to offer an impressive breadth of programs both in terms of variety of topics and target audiences to Kingston

and surrounding communities. The NOP has recently been recognized for our outreach efforts, winning first prize for best local SfN chapter from the Canadian Association for Neuroscience Advocacy Committee, as well as honorable mention for student initiative, Allen Champagne, the lead of CESAP. We have also been the

recipients of a CIHR Outreach Award and a Community Foundation Grant.

Visit neuroscience.queensu.ca/outreach for more information about our programs.

This column was first published on Dean of Health Sciences Richard Reznick's Dean On Campus Blog, as a guest blog.

flashback



On Oct. 28, 1991, Queen's University received a Royal visit from Prince Charles and Princess Diana to celebrate the 150th anniversary of the granting to Queen's University of a Royal Charter. In this Queen's University Archives photo, Princess Diana signs the Royal guestbook at Summerhill as Prince Charles looks on. During the visit Prince Charles also received an honorary degree. This year Queen's is celebrating its 175th anniversary.

QUEEN'S UNIVERSITY ARCHIVES

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

Leaving a lasting legacy at the heart of Queen's

BY COMMUNICATIONS STAFF

Every day, people walking or biking through Queen's campus benefit from the vision and generosity of Pat McNally (Sc'39). Mr. McNally was one of the donors to the University Avenue revitalization project, completed in 2008. The pathway east of University Avenue between Kingston Hall and Nixon Field was named Professors' Walk by Mr. McNally, in honour of his Queen's professors.

"Ten years ago, when construction on the project had just started, I visited Pat at his home. I remember he was energetic and astutely aware of the progress on the project. He offered insightful advice that ultimately helped the project move forward," says Tom Harris, Vice-Principal (Advancement).



Pat McNally (Sc'39)

The project restored University Avenue as the iconic and ceremonial main street of campus. The restoration widened sidewalks to create more space for people and greenery, increased bench seating and made the roadway more accessible for pedestrians and cyclists. The project received the City of Kingston's 2011 Livable

City Design Award of Merit for Context, Accessibility and Community Significance.

At 101 years of age, Mr. McNally passed quietly on June 3 in Waterdown, Ont. He knew that anything is possible if you are lucky enough to have family to support you and education to guide you. Queen's pride runs deep in the McNally family. Nine of Mr. McNally's descendants graduated from the university: sons Michael (Sc'68); Chris (Sc'77); and Paul (PhD'75); and grandchildren Heather (Artsci'01, MSc'04); Simon (Sc'96); Gregory (Sc'10); Jennifer (Artsci'04); Victoria (Artsci'00); and Beth (Sc'00).

"I remember being struck by Pat's pride for Queen's and love of his family," says Dr. Harris.

Drawing on his family's background as homebuilders and his

education as a mining engineer, Pat had a successful professional life, first in the hard rock mines of northern Quebec, then in general construction in Montreal and the Maritimes, and ultimately as partner and chief engineer of S. McNally & Sons with his brothers. He was a pioneer who helped build the infrastructure of southern Ontario, especially below ground, where his innovative mining techniques created the region's most prominent tunnelling contractor.

Mr. McNally retired in 1979 and spent his post-retirement years as a successful investor, incessant benefactor to young people and supporter of community needs. He paid tuition for many young people and helped young families purchase their first homes. He was, in various ways, indispensable in the startups of Clappison

Veterinary, C&M McNally Engineering, McNally Robinson Booksellers, QNX Software Systems and McNally Jackson Booksellers. He was a longtime benefactor and volunteer with Queen's as well as the Royal Botanical Gardens, the Bruce Trail Conservancy and the Rotary Club. In 2015, he set up a family foundation to provide recreation for families, starting with a new skating oval now nearing completion in Memorial Park in Waterdown.

Pat McNally married Anne Elizabeth (Libby) Powell in Montreal and together they raised four sons and a daughter. He was predeceased by Libby and by his six siblings. He is remembered by sons John, Michael, Paul and Christopher, daughter Joyce Pollock, 19 grandchildren and 22 great-grandchildren.

Queen's in the news

Highlights of Queen's experts in the media from Aug. 7-26

INTERNATIONAL

John Smol (Biology) spoke with the BBC on how the decline of fishing in Lake Tanganyika is 'due to warming.'



Bruce Berman (Political Studies) was quoted in the Guardian (UK) for "Uncovering the brutal truth about the British empire."

Roel Vertegaal (School of Computing) commented in an article about playing Angry Birds on your wrist thanks to a bizarre wearable touchpad by the Daily Mail (UK).

NEWSPAPERS

Christian Leuprecht (Political Studies) commented on new anti-terror laws in the National Post.

Wagdy Loza (Psychiatry, School of Medicine) was featured in a Toronto Sun column entitled "Jihadists aren't misunderstood punks."

Chris O'Callaghan (Public Health Sciences, CCTG) was interviewed by the Kingston Whig-Standard and CKWS-TV regarding the positive effects for cancer awareness thanks to the coverage of Gord Downie's battle with the disease.

Eugene Lang (School of Policy Studies) had his commentary on bidding farewell to The Tragically Hip – Canada's greatest rock band – published in the Toronto Star.

Robin Boadway (Economics) had an op-ed entitled "Dinging the rent-seekers" published by the National Post.

Monica LaBarge (Business) commented on what makes an Olympic medalist marketable in an interview with the Canadian Press.



Louis Delvoie (Centre for International and Defence Policy) had his op-ed "Is Turkey on the ropes?" published by the Kingston Whig-Standard.

Jeffrey Collins (History) authored a review in the Wall Street Journal of *The Last Royal Rebel* - Anna Keay's latest work on the 'Protestant Prince' The Duke of Monmouth.

Udo Schuklenk (Philosophy) discussed the case of a Toronto woman who has filed a human rights complaint against Mount Sinai Hospital for refusing to perform a "selective reduction," in the National Post.

ONLINE

David Gordon (Geography and Planning) commented on cbc.ca about Winnipeg's mayor moving too fast on new Winnipeg growth fees.

Christo Aivalis (History) spoke to Canadian Dimension for "Postal banking and the future of Canadian public services."

John Smol (Biology) was featured in mining.com for research

showing the environmental impact by past gold mining for lakes and wildlife around Yellowknife; on Electric Energy Online regarding a new study that shows warmer temperatures are affecting lakes in the oil sands region.

Harriet Feilotter (Pathology and Molecular Medicine) spoke to News Medical regarding a collaborative investigation that aims to brand mutations to urge clinical government of breast cancer.

Kathy Brock (Political Studies, School of Policy Studies) commented on Jody Wilson-Raybould being asked for ethics safeguards due to her cousin's non-profit with Huffington Post and the Canadian Press.



Stephen Scott (Biomedical and Molecular Sciences, Centre for Neuroscience Studies) discussed using robotics to improve brain assessments in Design World Online.

Arthur McDonald (Physics, Engineering Physics and Astronomy) was featured on CBC Online in "Tribute to Nobel Prize winner Art McDonald set for Sydney."

Daren Heyland (Medicine) spoke to MedicalXpress about improving care for critically-ill older patients.

Lawrence Widrow (Physics, Engineering Physics and Astronomy) talked with Daily Galaxy about the finding that the Milky Way collided

with a small galaxy or massive dark matter structure 100 million years ago.

TELEVISION

Christo Aivalis (History) commented on CBC-TV regarding the federal Liberal retreat.

Kip Pegley (School of Drama and Music) was interviewed by CTV National Network News on what The Tragically Hip's final show means to Kingston.



John-Kurt Pliniusen (Business) spoke to CBC-TV about Canada being the first country to issue a "private transportation companies licence" to Uber.

John Smol (Biology) spoke to TV Ontario on whether or not Ontarians have a right to air conditioning.

John Andrew (Business, Geography and Planning) discussed home affordability and rising mortgage rates with CTV National Network News.

Ciara Bracken-Roche (Sociology, Surveillance Studies Centre) talked to CTV National Network News about drones being used over venues at the Rio Olympics.

Chris Kilford (History, Centre for International and Defence Policy) was interviewed by CTV National Network News about the ongoing battle in Aleppo.

RADIO

Christian Leuprecht (Political Studies) spoke with SiriusXM about Russia deploying its most advanced air defence missiles in Crimea; spoke to CBC Radio about a new anti-radicalization program.

David Murakami Wood (Sociology, Surveillance Studies Centre) discussed with CKNW-Vancouver about Stingray cell-phone surveillance and the privacy implications thereof.



Judith Davidson (Psychology) spoke with CBC Radio about tips for a good night's sleep.

MAGAZINES

Martha Whitehead (Library and Archives) was featured in American Libraries Magazine for "IFLA program stresses protecting and collecting digital data."

Elizabeth Goodyear-Grant (Political Studies) spoke to Maclean's Magazine for "Selling a PM: The marketing of Justin Trudeau."

Elaine Petrof (Medicine, Division of Infectious Diseases) spoke to The Atlantic for an article examining the implications of clinical trial failure of bacterial pill that attempted to duplicate the benefits of a fecal transplant.

Keep connected with new, improved online events calendar

BY COMMUNICATIONS STAFF

The Queen's community can post their upcoming events on a new and improved online calendar.

The updated Events Calendar (queensu.ca/eventscalendar) offers improved accessibility and a responsive mobile-friendly design. Each event also includes links for

social media and email sharing, as well as a printable version of the event details.

Offering a new, more flexible tagging system to categorize and filter events by faculty/school or event type, and to create custom RSS feeds to display on other websites, the Events Calendar also has a special tag to highlight events related to the Queen's 175th an-

niversary celebrations, which will automatically be displayed on the 175th anniversary website, due to launch this fall.

"Queen's 175th anniversary celebrations were the impetus for enhancing and updating the Queen's events calendar to launch in time for the fall semester," Helena Debnam, Executive Director, University Marketing, explains. "Along with public lectures by our renowned faculty and invited guests from other institutions, Gaels games and recreational events, art exhibits, theatre and musical performances, and cultural activities that are at the core of our vibrant campus life, there will be an additional slew of events this year, organized and hosted by faculties, departments, and units across campus tied to the year-long 175th anniversary celebrations."

Access to the calendar for posting events is based on Queen's

NetID credentials, meaning any faculty, staff or student with an active NetID can register and add events. Events posted to the calendar, which drew more than 325,000 pageviews in 2015, should be Queen's events – organized, hosted and/or sponsored by Queen's faculties, schools, departments, service and support units, administrative units, research units and governing bodies, including all sanctioned activities of student government bodies and official student clubs. Notices of community events happening on campus are also welcome.

"The Marketing team is pleased to be able to provide a one-stop platform where individuals in the Queen's community can both share information about the events they are hosting, and also learn about all the activities that student, faculty, staff, and alumni, as well as members of the greater Kingston community, can be involved in

over the year," says Debnam.

First-time editors are required to register by submitting a form to request access and outline the kinds of events the user would be posting. Before any event is posted, editors need to confirm, by way of a checkbox, that the activities do not contravene, or encourage others to engage in activities that would be in violation of, the Student Code of Conduct, related Queen's policies, or laws.

If any posting seems inappropriate, an online reporting system is available. Flagged events will undergo an event moderation process, where they will be reviewed and either removed or reinstated. As part of the process, the individual who posted the event will also be contacted for follow-up.

Further details on what and how to post to the calendar are available on the Events Calendar's 'About' page.



COOKE

cookekingston.com

marjorie COOKE

613.453.2067

marjorie@cookekingston.com
Accredited Senior Agent

ALWAYS A WISE CHOICE!

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



ROYAL LEPAGE

PROFESSIONAL REALTY BROKERAGE
INDEPENDENTLY OWNED AND OPERATED



RockMass Technologies won first prize and \$30,000 at the QICSI Venture Pitch Competition on Aug. 18. The company includes Matas Sriubiskis, Matthew Gubasta, Shelby Yee, Nichola Trinh, Boyang Fu and Rigers Rukaj (left to right).



Natu Myers and Ameris Rudland of FoodVine answer a question from the judges during the final pitch competition for the Queen's Innovation Connector Summer Initiative.



Nikita Kopotun unveils the Paperweight team's innovative printer during the final pitch competition.



Team members of NorthSprout answer a question from the judges following their presentation at the Isabel Bader Centre for the Performing Arts. The venture was awarded \$20,000 in seed funding.



OneSpecies team members Elena Routledge and Kenedy Assman make their presentation during the QICSI final pitch competition.

Mining venture strikes gold in pitch contest

BY MARK KERR, SENIOR COMMUNICATIONS OFFICER

Months of hard work and long hours have paid off for the six Queen's University students who co-founded RockMass Technologies.

The company won the Queen's Innovation Connector Summer Initiative (QICSI) Venture Pitch Competition, beating out seven other teams for the top prize of \$30,000 in seed-funding.

RockMass Technologies is working to improve the safety and efficiency of geological mapping in the mining, civil engineering, and exploration industries. According to the company, the de-

vice "automatically maps a rock face while the software analyses the data and breaks it down into key information that is used to determine the structural stability of a tunnel, mine shaft and/or rock face."

The technology is based on research conducted at Queen's by Professor Joshua Marshall and PhD candidate Marc Gallant. Dr. Marshall and Mr. Gallant patented the technology through PARTEQ and the QICSI students licensed it.

"We are so fortunate to have this great technology to use. It's really great to be able to commercialize Queen's research and take it to market," says Matas Sriubiskis, Chief Executive Officer of

RockMass Technologies.

Mr. Sriubiskis (Artsci'17) and his teammates Shelby Yee (Sc'16), Chief Operating Officer, Matt Gubasta (Artsci'17), Chief Financial Officer, Boyang Fu (Cmp'16), Lead Software Developer, Rigers Rukaj (Sc'17), Chief Technology Officer, and Nichola Trinh (Sc'17), Chief Business Development Officer, were overjoyed to win the pitch competition. While they savoured the moment with friends and the other QICSI participants, they had already started looking ahead.

"This (win) is fantastic, but we have to keep working," Mr. Sriubiskis says. "We're heading to clients' mines and worksites in

September, and we are developing new connections with companies. We are also looking at developing different extensions for our technology as well."

Three other companies received awards following the pitch competition. The judges awarded \$20,000 in seed-funding to both NorthSprout – which developed a gel-based germination medium to allow seeds to grow strong and healthy faster and with less water – and Tandem Therapy – a software platform to support the relationship between therapists and their patients. Paperweight Technologies, which is improving the home printing experience, also won \$10,000 in seed-funding.

QICSI, a 17-week paid internship where students collaborate to launch their own ventures, has existed for five years. Greg Bavington, Executive Director of QIC, says the venture pitches keep getting stronger each year.

"Every year we refine the program to better meet the needs of the students," Mr. Bavington explains. "And as awareness grows of the Summer Initiative, our flagship program, and our other offerings, we continue to attract high-achieving students and direct them to programs that best fit their needs and interests."

Visit the QIC website (queensu.ca/innovationconnector) to learn more about its programs.



Through the Lens



UNIVERSITY COMMUNICATIONS

Incoming faculty listen to one of the many presentations that were available to them during New Faculty Orientation Day at Robert Sutherland Hall on Wednesday, Aug. 24. The focus of the annual event is providing the new arrivals the information they need and fostering the connections to help them succeed in this latest path of their careers.



THE PLAN BY INVESTORS GROUP | GROW | PROTECT | SAVE | ENJOY | SHARE

It takes an educated person to yeild a 20% return

What would the added impact be on your child's, or grandchild's, future if you contributed an extra \$100 per month towards their education savings plan?

AFTER 5 YEARS \$7,157 AFTER 10 YEARS \$17,195 AFTER 15 YEARS \$31,275

Let's talk soon to set up a convenient time to review your plan to ensure you're on track to achieving your hopes for the future.

CFP® CAROL ANN BUDD P.Eng., CFP®
Financial Consultant

MELISSA PARENT
Associate Consultant



CarolAnn.Budd@investorsgroup.com
www.facebook.com/CarolAnnBuddInvestorsGroup

Investors Group Financial Services Inc.
100-1000 Gardiners Road
Kingston ON K7P 3C4

Tel: (613) 384-8973 (877) 899-2262
Fax: (613) 384-8845



Melissa.Parent@investorsgroup.com
www.investorsgroup.com/en/CarolAnn.Budd/home

Trademarks, including Investors Group, are owned by IGM Financial Inc. and licensed to its subsidiary corporations.



Supporting innovative research

BY CHRIS ARMES,
COMMUNICATIONS OFFICER

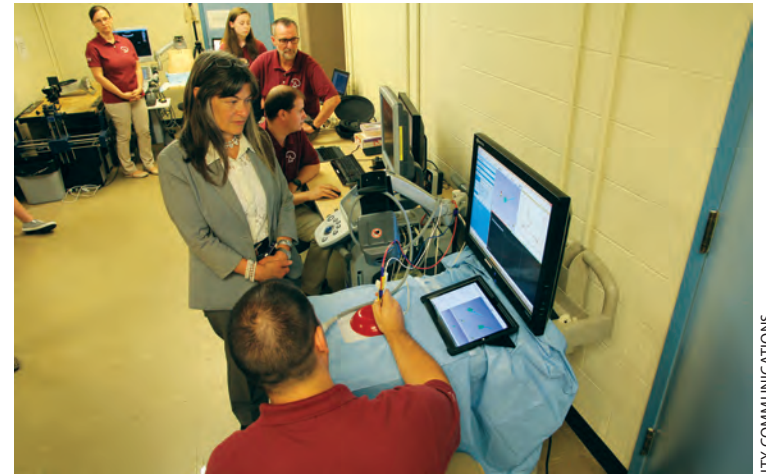
A total of 15 Queen's University researchers have received more than \$2.8 million in funding from the Ontario Research Fund. Kingston and the Islands MPP Sophie Kiwala made the announcement Tuesday, Aug. 23 at an event at Goodwin Hall.

"We are proud to invest in the groundbreaking, world-class research being conducted at Queen's University," says Ms. Kiwala. "Our researchers are pivotal to building a knowledge-driven economy in Ontario, one that will draw investment and strengthen our province's competitive edge. The fact that we have 15 researchers in Kingston and the Islands receiving these competitive awards is something for which we can all be enormously proud."

Included in the announcement were two Early Researcher Awards and 12 Ontario Research Fund – Infrastructure Awards. Molecular genetics professor Virginia Walker received Queen's sole award in the Large Scale Applied Research Project category to support her work in Canada's north – using leading-edge genomic science to assist in managing the population of Arctic Char.

The Research Infrastructure Awards provide research institutions with funding to help support infrastructure needs, such as modern facilities and equipment. The awards were presented to researchers in a wide range of fields – with projects ranging from genetic sequencing of invasive species to improving computer-assisted surgery for patients with breast cancer.

The Early Researcher Awards program provides funding to early career researchers – those no more than five years into their academic careers and no more than



UNIVERSITY COMMUNICATIONS

Kingston and the Islands MPP Sophie Kiwala is given a demonstration of the work being done at the Laboratory for Percutaneous Surgery. A total of \$2.8 million in funding was announced to support the work of 15 Queen's researchers.

Early Researcher Awards

Amer Johri (Cardiology/KGH Research Institute)
David Rival (Mechanical and Materials Engineering)

Small Infrastructure Award

Alexander Braun (Geological Sciences and Geological Engineering)
Robert Colautti (Biology)
Qingling Duan (Computing & Biomedical and Molecular Sciences)
Gabor Fichtinger (Computing/KGH Research Institute)
Lindsay Fitzpatrick (Chemical Engineering)
Nader Ghasemlou (Anesthesiology)

and Perioperative Medicine, Biomedical and Molecular Sciences, KGH Research Institute)
Mark Ormiston (Biomedical and Molecular Sciences/KGH Research Institute)

Jordan Poppenk (Psychology)
Michael Rainbow (Mechanical Engineering)
David Reed (Department of Medicine/KGH Research Institute)
Kevin Stamplecoskie (Chemistry)
Laura Wells (Chemical Engineering)

Large Scale Applied Research Project

Virginia Walker (Biology)

10 years following the completion of their first doctoral degree – to assist with establishing their research team. Amer Johri (Cardiology) and David Rival (Mechanical and Materials Engineering) will each receive \$140,000 to support their research on early stage heart disease detection and autonomous flow-sensing drones, respectively.

"The continuing support we have received from the Govern-

ment of Ontario, through the Early Researcher Awards and the Ontario Research Fund, will help our promising early career researchers make their mark, support the ongoing research of our more established faculty members, and foster the research-intensive environment required to keep all Queen's scholars at the leading edge of their fields," says Steven Liss, Vice-Principal (Research).

gradstudies

SGS Notes and Events: Expanding Horizons Workshop Series

The 2016/17 schedule of Expanding Horizons workshops has been released, including Career Week. Expanding Horizons is a suite of professional development workshops designed to support the academic, personal, and professional success of graduate students and post-doctoral fellows. More information under: queensu.ca/exph/workshop-series

Post-Doc Reception and Research Showcase

To celebrate Post-Doc Appreciation week the Office of Post-Doctoral Training will host a Research Show-

case Reception at the University Club on Sept. 21, (4-6 pm). All post-doctoral fellows and their supervisors are invited.

Thesis Defenses

Wednesday, Sept. 7

Chi Yan Lam, Education, 'A Case Study on Design-Informed Developmental Evaluation'. Supervisor: L.M. Shulha, A115 McArthur Hall, 1:30 p.m.

Monday, Sept. 12

Chaimongkol Saengow, Chemical Engineering, 'Polymer Process Partitioning: Extruding Plastic Pipe'. Supervisors: A.J. Giacomini, C. Kolitawong, 312 Dupuis Hall, 10:30 a.m.

Tuesday, Sept. 13

Yi Mei, Education, 'Understanding Essay Rating as a Socially Mediated Activity: The Case of a High-Stakes English Test'. Supervisor: L. Cheng, A115 McArthur Hall, 2 p.m.

Wednesday, Sept. 14

Behnam Behinaein Hamgini, Electrical & Computer Engineering, 'Petri Net Siphon Analysis and Network Centrality Measures for Identifying Combination Therapies in Signaling Pathways'. Supervisors: K. Rudie, W. Sangrar, 428 Walter Light Hall, 1:30 p.m.

Wednesday, Sept. 14

Rodrigo Becerra, Physics, Engineering Physics and Astronomy, 'Optical Properties of Helical Thin Films and Microparticles'. Supervisor: K. Robbie, 201 Stirling Hall, 1 p.m.

Innovators Entrepreneurs & Collaborators

A collaboration cemented: Queen's and Lafarge

The 'Innovators, Entrepreneurs, and Collaborators' series profiles regional innovations, startups and collaborations that are flourishing and which engage Queen's faculty, staff and/or students.

BY IAN COUTTS

It's a bit like picking a dance partner.

At least, that's the analogy that Andrew Pollard (Mechanical and Materials Engineering), Queen's Research Chair in Fluid Dynamics and Multi-Scale Phenomena, chooses when he talks about the relationship that he and other Queen's researchers have developed with the cement giant Lafarge, in particular with its Bath, Ont., plant.

A few years ago both parties stepped on to the dance floor, very tentatively, but to take Dr. Pollard's analogy and extend it, as they have gotten to know each other the steps and the style have improved, slowly evolving from a simple foxtrot to something as complex as a square dance with multiple partners.

Many companies pride themselves on being socially responsible, but Lafarge is particularly serious when it comes to fighting climate change. There are good reasons for this. Making cement is an energy-intensive business – the kilns that are used must be heated to 1,450 C – about a quarter of the temperature of the surface of the sun. Given how widespread the use of cement is – it's the world's most-common construction material – it isn't surprising that its manufacture accounts for approximately five per cent of all greenhouse gases worldwide. As the world's leading producer, it is estimated that Lafarge is responsible for about one per cent of all emissions worldwide. If they could reduce that number, the company could actually make a noticeable dent in the amount of greenhouse gases reaching the atmosphere.

That was what initially propelled Rob Cumming, at the time the environment and public affairs manager at the company's Bath plant, to reach out to Dr. Pollard, who was working with the Queen's Sustainable Bioeconomy Centre.

What Mr. Cumming offered Queen's was a chance to experiment with a working plant to see if they could reduce the greenhouse gases being produced. The lessons learned would be applicable in other industries as well. Dr.



Queen's researchers are working with cement manufacturer Lafarge to reduce the amount of greenhouse gas emissions from its plant in Bath, Ont.

Pollard would be joined by Warren Mabee (Geography and Planning), Canada Research Chair in Renewable Energy Development and Implementation, and Darko Matovic (Mechanical and Materials Engineering), an expert in fluid dynamics, among other subjects. Other Queen's faculty involved included Neal Scott (Geography and Planning), Sharon Regan (Biology) and the late Ted Grandmaison (Chemical Engineering).

The challenge was to see if Lafarge's emissions could be reduced by substituting new fuels for at least some of the coal and coke being burned in the kiln. For every tonne of coal replaced by a non-fossil fuel, you can get a dramatic reduction in greenhouse gas emissions, typically between 50 to 80 per cent, but sometimes as high as 90 per cent. Initial efforts focused on using what is termed "virgin biomass," such as switchgrass or hay bales. The main challenge was that, at the time, there were no real scaled-up suppliers of such fuels. Another idea that focused on creating a fuel called the "Q-Pellet," marble-sized fuel pellets created by heating wood in an oxygen-free environment – a process known as "torrefaction" – remains unrealized. The pellets cannot be produced in bulk. (That "Q" stands for Queen's, by the way.)

The Queen's researchers hit on a third possibility – using what can be termed "non-virgin" biomass – wooden hydro poles, construction debris, railway ties, used shingles. All contain varying proportions of biomass. These sorts of debris are plentiful – always a good thing in a fuel source – and using them to fire the kiln would stop them from winding up emitting greenhouse gases in landfill sites, a nice side-benefit.

David Hyndman of the Queen's Office of Industry Partnerships had a connection with Lafarge stretching back several years – at one point he had worked for Performance Plants, a company that had been growing possible bio-fuels at the Lafarge site. On joining Queen's in January 2012, he quickly got involved in the project from the Queen's side, helping Mr. Cumming write a successful application for a CMC Carbon Management Grant that would underwrite the work the Queen's researchers wanted to undertake at Bath.

Work on testing the feasibility of using these materials as fuel at the Bath plant began in early winter 2013 with the installation of equipment that could store, mix and then feed these new fuels into the plant. Dr. Mabee's team would monitor carbon output before and after the new fuels were intro-

duced to see whether they delivered the hoped-for carbon reductions. The full-scale test runs on the three-year pilot project began in summer 2014.

At a meeting open to the general public in June 2016, Lafarge announced that they had achieved a nearly 10 per cent reduction in fuel-based carbon emissions, thanks to the use of these new fuels. The company hopes to increase this to 30 per cent by 2020.

"We're well on track," says Mr. Cumming. "In fact, we're probably ahead of schedule on that."

The cooperation between Queen's and Lafarge has helped the company take some important steps in realizing their corporate responsibility. More, the partnership and its early success has bought them a measure of goodwill among the local community, where news that the plant was planning on burning what was fundamentally waste was greeted with some scepticism. Based on the findings of the Queen's team, Ontario's Ministry of the Environment and Climate Change has identified the use of low-carbon fuels as a key way for the cement industry to reduce its greenhouse gas emissions.

The benefits for Queen's have been considerable as well. Masters and PhD students, along with post-doctoral fellows in a number

"We can see the fruits of our labours, which is very rewarding – particularly for researchers who work on big problems that live inside computers."

— Warren Mabee

of fields have been given real-life, hands-on experience – right down to sifting through dumpsters filled with construction debris to figure out exactly what can be used. The lead researchers benefit as well.

"We can see the fruits of our labours, which is very rewarding – particularly for researchers who work on big problems that live inside computers," Dr. Mabee says.

There is still plenty of work to do – there are pressing questions about the water content in the fuel – too wet and it won't burn hot enough to create the best kiln conditions and there may be problems with spontaneous combustion during storage. Creating a supply chain to feed this or other plants will be a challenge.

In the next stage of the project, Dr. Matovic will be looking at the burners inside the kiln to improve their efficiency at burning co-fuels – a mix of traditional coal and coke and biomass. Researchers will be taking the lead on different stages of the current project, and other ambitious projects are currently in the planning stages. The Industry Partnerships team will be kept busy coordinating researchers and projects – acting a bit like the caller at a square dance (there's that analogy again), telling people where to go and when, and keeping all the relationships going. And soon they may be going on the road – expanding the program to other Lafarge plants. If it happens, that'll mean new partnerships and new opportunities for Queen's researchers.

"Lafarge is a leader in advancing alternative fuel for their industry," says Steven Liss, Queen's Vice-Principal (Research). "The relationship with Queen's has garnered outcomes that are mutually beneficial and address the global issue of climate change. This isn't the end of the relationship, either. Queen's and Lafarge are currently working on their next venture. You could say that the band is warming up, some new, and additional partners will be hitting the floor with some exciting new steps. We are looking forward to the results."

SUPPLIED PHOTO

A castle original

BY ANDREW CARROLL,
GAZETTE EDITOR

When it comes to understanding what the Bader International Study Centre (BISC) experience entails, there is no one better to ask than Daphne Lawson.

A 'castle' original, Ms. Lawson (Art History) is retiring after an intriguing 22 years of teaching at BISC, the longest tenure for any instructor at Herstmonceux Castle in England.

The key to the BISC experience, Ms. Lawson explains, is the experiential learning on offer, something that she helped start back when the first programs started in 1994.

When she was brought in founding executive director Maurice Yeates explained that incorporating experiential learning into the program was essential. While such learning is commonplace today, Ms. Lawson says she felt like they were "pioneers" in 1994.

"Originally when we started I was the only person that took people out because the course was designed like that," Ms. Lawson says. "So when (Dr. Yeates) hired me for my one term, 22 years ago, he said I want you to take (the students) out every Friday and do part of your teaching in front of the prime resource. It was unheard of then, people didn't do it. It was very inspirational of him so I put in a lot of work going around to St. Paul's, Canterbury Cathedral, the British Museum and all the art galleries before I started the job. It took off straight away and by the second term I knew I was there to stay, really, because it was such a novel way of teaching."

With the success of the teaching model for art history, it would later be incorporated into other programs and courses, becoming a core educational component at BISC.

BISC has also opened up the world to the students who arrive at the castle, Ms. Lawson explains. They experience different cultures and grow as they venture to new places such as Paris and Edinburgh through the program or on their own.

"They get that whole European extension and also I think they are taught to think globally, which is very important. They are equipped for a modern Canadian world," she says, adding that in the early days few of her students had travelled. It's a different story today. "Now they have travelled



Daphne Lawson

"I think, over a period of about five years, (BISC) became much more integrated into Queen's and that relationship then grew and that is really why the castle has done so well."

— Daphne Lawson

before they even get here, some of them are very well travelled. So I think Canadians in general, young Canadians, are becoming far more global and far more outward looking than 22 years ago."

Throughout her time at BISC Ms. Lawson has also seen the relationship with Queen's flourish. In the beginning, when Alfred and Isabel Bader donated Herstmonceux Castle to Queen's, there was an adjustment period as the university grappled with how to make best use of this gift an ocean away. The result is a valuable resource that few, if any, other universities can offer.

"I think over a period of about five years, (BISC) became much more integrated into Queen's and that relationship then grew and that is really why the castle has done so well," Ms. Lawson says. "It's because we work within the Queen's boundaries, we are an extension of Queen's. We are different but we are part of Queen's and that is something that developed really during the first decade."

What she also has seen firsthand is the strength of the friendships that the BISC students develop during their studies at the castle. During a visit to Queen's, she says, she attended an art history class and noticed some of her former students sitting together. They told her that their shared experience at BISC had created bonds that lasted long after they left the castle walls.

"I thought that was a rather nice compliment to BISC actually, that that is the case, that they make these close friendships in this sort of more-intimate environment," she says. "That's what BISC has to offer."

While she is retiring from her full-time duties, Ms. Lawson will continue to teach two summer up-per-year courses in art history at BISC.

Built in the 15th century, Herstmonceux Castle was purchased in 1993 by Alfred and Isabel Bader and donated to Queen's. In 1994, after extensive renovations, it began welcoming students. Since then, the castle has attracted thousands of students from around the world who are drawn to its exceptional learning programs, which combine cutting-edge themes with experiential learning opportunities both locally and globally.



Queen's graduate student Shyra Barberstock receives a gift of pounamu (greenstone) at the farewell event for the Matariki Network Indigenous Student Mobility Program at the University of Otago in New Zealand.

Linking Indigenous students from around the world

BY ANDREW CARROLL,
GAZETTE EDITOR

For Shyra Barberstock, a master's student at Queen's University, the recently-held Matariki Network Indigenous Student Mobility Program offered her some amazing opportunities.

First it was a chance to travel to New Zealand and learn firsthand about the Maori culture. Just as important, however, it was a chance to meet with Indigenous people from around the world and learn about their cultures.

"I love the whole idea of Indigenous people coming together from different countries to share knowledge," she says. "I thought that was really powerful."

Ms. Barberstock, an Anishinaabe from the Kabaowek First Nation in Quebec who grew up in Ontario, attended the program along with fellow Queen's graduate students Colin Baillie and Natasha Stirrett, as well as Kelsey Wrightson, a postdoctoral fellow in Indigenous Studies.

A three-year pilot program, the inaugural two-week event was hosted by the University of Otago, starting on June 27, bringing together students from four member institutions of the Matariki Network of Universities (MNU) – Queen's, University of Western Australia, England's Durham University and Dartmouth College in the United States – to foster cultural exchanges and the understanding of issues affecting Indigenous communities.

During the two weeks, participants heard from Maori scholars how geography, economics and politics influenced the social, cultural and economic development of the Maori. They were also encouraged to think critically about what being Indigenous means, and about how to address issues in their own communities – whether First Nations or Australian Aboriginal.

The learning experience also took place outside the classroom and the group visited a pair of marae, meeting places that are a vital part of Maori life.

"That was really special, getting the teachings from them and learning more about their stories, and what's important to them," Ms. Barberstock says. "What I found really interesting is that the Maori people definitely have a very different history than the First Nations here in Canada. But there are synergies in the values of First Nations people and Maori people, that community mindedness, wanting to do things for the good of the community."

In her master's thesis, Ms. Barberstock is exploring if there can be a connection between innovation and reconciliation. Through this she is connecting with Indigenous entrepreneurs and finding out the narrative behind their business and seeing if social innovation can contribute to reconciliation in Canada. An entrepreneur herself, the trip allowed her to gain a deeper understanding of her connections with

Maori partners.

At the same time she also says that she was impressed by the work being done to preserve the Maori language. At Te Kura Kaupapa Maori o Otepoti, a Maori immersion elementary school, the Matariki participants were welcomed by a group of schoolchildren who sang in the Maori language and were well-versed in the cultural protocols of their people.

"That was really interesting because it really inspired me and really got me thinking about things that we could do over here because loss of Indigenous languages is a big deal here in Canada," she says. "A lot of Indigenous languages are going extinct and we really need a revival of Indigenous languages here. I was really inspired by their immersion."

Next year the program will be hosted at the University of Western Australia, with Dartmouth College following up in 2018.

The Matariki Network of Universities (MNU) is an international group of leading, like-minded universities, each amongst the most historic in its own country, and recognized as being: a premier place of advanced learning; research-intensive across a broad subject base; focused on providing a high-quality student experience; flexible, modern, innovative, comprehensive and globally oriented. To learn more about the opportunities available visit the MNU website and Queen's University's International Department.

AMS executive aims to make a connection

BY ANDREW CARROLL,
GAZETTE EDITOR

Tyler Lively (Artsci'16), Carolyn Thompson (Artsci'17), and David Walker (Artsci'17) want to make a difference for the students of Queen's University

As the executive team of the Alma Mater Society (AMS) – Mr. Lively as President, Mr. Walker as Vice-President (Operations) and Ms. Thompson as Vice-President (University Affairs) – know they can achieve their goals, but it will take a lot of work.

Having taken office on May 1, the team has spent the summer months learning the ropes of student government while also creating a solid foundation – including filling more than 50 positions within the AMS – that will support them as they move forward.

With the academic year about to start, the trio is excited about the challenges and opportunities that await them, such as connecting with their fellow students, one of the central pieces of their successful campaign platform.

"I think one of the big things, and it is something we talked about during the whole campaign, and it's probably been talked about in every AMS campaign, is that people say the AMS



The Alma Mater Society executive – Tyler Lively, President, Carolyn Thompson, Vice-President (University Affairs), and David Walker, Vice-President (Operations) – are excited about the challenges and opportunities that await them as the 2016-17 academic year starts.

is not in touch with the students, we're not talking to students, we're here in the JDUC, we're very insular," says Mr. Lively. "I think we've done a lot of work over the summer that is going to allow us to change that perception and I think that is very important for us because, at the end of the day, our ability to get things done is based on the trust that students have in us to be representing their interests and doing it in a professional and ac-

countable manner."

The summer has also allowed the AMS team to learn how they can best work together and to refine their plans. Already, it has been a positive experience.

"I think a strength of our team is that we have this collective vision, which is at the end of the day we are here to serve students and make sure their voices are being heard at an administrative level," Ms. Thompson says. "So having everyone here understand

that, be motivated by that and enthusiastic about it, is something we can only ask for and (the team has) taken it to the next step."

Another priority for the AMS executive is improving the student experience, something that each of the members says already sets Queen's apart from other universities. Students have access to more than 300 clubs as well as numerous faculty societies and a wide range of intramural sports leagues. One of the team's first moves has been to create an office to improve the supports the AMS provides to the clubs community, says Mr. Walker.

This is particularly helpful for incoming students as they seek their own path at Queen's.

"My advice to any incoming student is have fun, get involved with whatever it is you like, do your own thing and be your own person and through that you will find whatever it is you really like

whether it be student government, a club or intramurals or something within the Kingston community," he says. "There are so many different options."

Being involved with the AMS has also been a rewarding experience for each of the executive team members and they are looking forward to the work that lies ahead of them.

"Queen's is a university that gives students a real opportunity to be involved in setting the direction of the university and helping define the experience that students have at Queen's," Mr. Lively says. "I think we have a lot

more interactions with the university administration, we have a lot of spots on the governance bodies. You know when the AMS talks we are making a difference."

To learn more about the Alma Mater Society and to contact the executive team, visit the AMS website, (myams.org).

Revitalization project opens up JDUC

BY ANDREW CARROLL,
GAZETTE EDITOR

Walking into the John Deutsch University Centre one is greeted by an open, bright space at its heart, the result of a revitalization project led by the Alma Mater Society (AMS).

While some scaffolding remains and last-minute details are being completed the new-look JDUC will be ready for the arrival of students in September, says Sam Anderson (Sc'17), the AMS' Managing Director of the Student Life Centre.

The project began this spring and entailed three main goals: the renovation of the Upper and Lower Ceilidhs, as well as Wallace Hall.

For nearly a century, the JDUC has served as a gathering place for the students of Queen's University, and making it more inviting and functional was key.

"We have diverse student services, Queen's departments, club spaces and bookable rooms," Mr. Anderson says. "This revitalization focused on the shared areas

"This has been an amazing experience for me to see construction project management first hand."

— Sam Anderson

that connect those to get more people coming in to see what the JDUC has to offer."

The most obvious change is the addition of a walkway along the eastern wall of the Upper Ceilidh. This plays a dual role of creating greater access to Wallace Hall as well as offering more space when events are hosted in the JDUC.

A new skylight also helps with making the Lower Ceilidh brighter while Wallace Hall itself has been spruced up as well. The floors have been refurbished and the wooden walls have been repaired.

"Wallace Hall has taken us a bit longer because we've done a lot of work to make sure that we have the right stains to preserve the original wood for heritage reasons," Mr. Anderson says. "Cu-

rido, our contractor, and Bob Polegato of Physical Plant Services, the project manager, worked really hard to make sure Wallace Hall looks exactly as it was when it was created."

One difference, however, is the addition of three large ceiling fans to help with air circulation, making the room cooler in the summer and warmer in the winter.

As a mathematics and engineering student, Mr. Anderson has gained valuable experience by being involved in the project. He isn't the only one.

"This has been an amazing experience for me to see construction project management first hand," he says. "In addition to me there have been a number of students who have been very involved and that has been valuable to the students themselves and to the project overall."

A special opening event is planned before the start of the school year. Mr. Anderson says that the facility will be ready for registration as the masses of students return to campus for another school year.



**More service.
More often.**

**STARTING
Tuesday, Sept. 6**

501 502

**10 min service
a.m. and p.m. peak
Monday to Friday**



**Take advantage of the
Kingston Transit – Queen's TransPass
(your discounted transit pass).**

SAVE 30%

Queen's employee rate ONLY \$50 per month

Enroll today! Contact Donna Stover, Queen's University
Parking Manager, stoverd@queensu.ca

Routes and schedules located at kingstontransit.ca

eventscalendar

ORIENTATION

Sunday, Sept. 4 Move-In Day

Students staying in residence are able to move into their accommodations.

Sunday, Sept 4-Tuesday, Sept. 6

University Orientation and FYNIRS (First Year Not In Residence Students) Orientation.

Wednesday, Sept. 7-Sunday, Sept. 11

Faculty and NEWTS (New Exchange Worldly Transfer Students, and Castle Students).

EVENTS

Tuesday, Sept. 6

Fall Group Fitness Registration at the ARC

Register at the Athletics & Recreation Centre for a Fall Group Fitness program.

Tuesday, Sept. 6, 2-4 pm

Guinness World Record Breaking Attempt - Largest Human Letter

We are attempting to set the Guinness World Record for Largest human letter (A giant Q)! The current record for this is 2,166 people - if anyone can beat that record it's Queen's! Being held at Nixon Field, this event is for all members of the Queen's Community and is free to attend. It is a completely accessible event; on the day of the event please let our volunteers know if you require assistance.

Wednesday, Sept. 7, 8:30 am-4 pm

Teaching Development Day

This annual day-long professional development conference is for anyone who teaches at Queen's who is

interested to learn about new and interesting developments in teaching and learning. Sessions throughout the day will focus on this approach of faculty and graduate students working together to enhance the learning process for their students. Registration and opening session take place in Dunning Auditorium.

Monday, Sept. 12-Saturday, Sept. 17

Fitness Free For All Week at the ARC

Try something new...for free! During the Fitness "FREE-FOR-ALL" students, staff/faculty and the general public can try our Fitness Plus programs for free. Want to try a new activity but don't want to commit just yet? Try a wide variety of cardio, cycling, strength, pilates and yoga-style classes.

Tuesday, Sept. 13, 5-8 pm

TriColour Open House

The Tricolour Open House is an excellent opportunity to find ways to get involved in fun activities and make friends at Queen's. The evening includes over 200 clubs, faculty societies, AMS student-run services, intramural teams, athletic opportunities, fitness classes, and more.

Tuesday, Sept. 13, 6:30-8:30 pm

Sutherland Lecture - "Listening to the Inaudible"

This year's Sutherland Lecture presents Deborah Wong, Professor of Music, University of California Riverside. Robert Sutherland Hall, Room 202. From Ferguson and beyond, spectacular moments of witnessing have dominated the news over the last six months. Whether focused on the ordinary or the extraordinary, Professor Wong argues that inten-

tionally deploying the intent to witness is profoundly different from the kind of sustained ethnographic work that marks ethnomusicology as a discipline. Yet it also draws on the same skills, from a willingness to attend deeply to the moment, to inviting a shift in subjectivity.

Wednesday, Sept. 14, 12:30-1:20 pm

Making the Grade: From High School to University

Upgrade your skill set for university - learn how to modify your existing study strategies, depth of thinking, and self-management habits to navigate the transition from high school to Queen's. Presented by Student Academic Success Services: Learning Strategies and the Writing Centre (SASS) at Stauffer Library, Seminar Room 121.

Wednesday, Sept. 14, 4 pm-

Thursday, Sept. 15, 9 pm

ARC Demo Day

Try a selection of new registered

programs offered at the ARC. These 20-minute demo classes will give you a chance to try classes like drake-power yoga, boot(y) camp, survival of the fittest, kettlebell crunch, kickboxing and more.

Wednesday, Sept. 14, 7-9 pm

Women's Full Moon Ceremony

Ceremony for women at the Four Directions Aboriginal Student Centre honouring grandmother moon, giving gratitude and thanksgiving for all that we have. New to this ceremony? No worries, all women are welcome. Please bring a dish for potluck, water, tobacco, drum/rattle (if you have one), long skirt (if you wish to wear one).

Thursday, Sept. 15, 6-8 pm

Fall Season Launch 2016

Members' Preview: 5-6:30 pm. Public Reception: 6:30-8 pm. Join us for a reception for the Agnes Etherington Art Centre's new fall exhibitions: Ciara Phillips: Comrade Objects;

Treasures and Tales: Queen's Early Collections; The Other NFB: The National Film Board of Canada's Still Photography Division, 1941-1971. Make sure your membership is up-to-date before Sept. 15 to join gallery supporters, artists and other special guests for the preview. Arrive at 5 pm to enjoy curators' introductions to the new exhibitions. Formal remarks will take place at 6:30 pm, at the start of the Public Reception.

Saturday, Sept. 17, 1 pm

Gaels Football

The revitalized Richardson Stadium hosts the home opener as the Gaels football team takes on the Western Mustangs in this nationally televised matchup of OUA rivals.

If you have an upcoming event, you can post it to the Calendar of Events at queensu.ca/eventscalendar/, or contact andrew.carroll@queensu.ca.

ACROSS

- 1) Definitely on one's toes
- 6) Inundated
- 11) Be competitive
- 14) Lift a lawyer's license
- 15) Large book size
- 16) Common connector
- 17) Smaller part of a larger zoned area
- 19) Mai ___ (rum cocktail)
- 20) Requirement
- 21) Hard to make out
- 23) One delivering a dressing-down
- 27) Wall candleholders
- 29) Brought to mind
- 30) Fine cigar
- 31) Editor's insertion symbol
- 32) Cop's treat in stereotypes
- 33) Prefix with "natal"
- 36) Betting figures
- 37) "Dined" partner
- 38) Tablet-producing company
- 39) Formerly known as, in maiden names
- 40) Puts money in the bank
- 41) Peculiar
- 42) Musketeer's need
- 44) Combat pilot's flight
- 45) Cause disorder to
- 47) Any pest
- 48) Strengthened a poker pot
- 49) One way to make a sweater
- 50) 1040 reviewer, briefly
- 51) Doing one's job, and how!
- 58) Primitive dwelling
- 59) Flynn of old Hollywood
- 60) Suddenly bright stars
- 61) Absorbed, as a cost
- 62) Roll in a roller derby
- 63) First square of many board games

WHERE EVER

By Timothy E. Parker

1	2	3	4	5	6	7	8	9	10	11	12	13	
14					15					16			
17					18					19			
				20				21	22				
23	24	25	26				27	28					
29						30							
31						32				33	34	35	
36						37				38			
39						40				41			
			42	43					44				
45	46							47					
48								49					
50										54	55	56	57
58										60			
61										63			

DOWN

- 1) Magazine revenue sources
- 2) Bucharest currency
- 3) Emulate a certain tide
- 4) "Awesome!" in the '90s
- 5) Bauble
- 6) Label for the skinny picture
- 7) Dictionary entry
- 8) Late boxing champion
- 9) "I'm quoting this exactly"
- 10) Cruel barracks "gag" of old
- 11) Where the Pope lives
- 12) Nonsensical
- 13) Cuts and pastes
- 18) Part of an apple
- 22) Andy's raggedy doll
- 23) Exploratory mission, for short
- 24) Give the slip to
- 25) Pennsylvania, to Maryland
- 26) Miniature guitars, informally
- 27) Loudness units
- 28) Yucky deposit
- 30) Funnel-shaped
- 32) Thing that courteous golfers replace
- 34) Like a haunted house
- 35) Gavel pounder's word
- 37) Enterprise speed unit
- 38) Plane-related
- 40) Unusable fingerprints
- 41) Chinese dumplings
- 43) "___ you nuts?"
- 44) Trivial tizzy
- 45) Russian country home
- 46) Contributed suggestion, e.g.
- 47) Approach to an article
- 49) Shoelace problem
- 52) Mork's home planet
- 53) Savings for a distant rainy day
- 54) Nursery schooler
- 55) Egg of old Rome
- 56) Tolstoy title word
- 57) Catcher of a clumsy acrobat

		8		9		5	6					
	1		8									3
								2				
			5	7								
	3	9				1						
												8
6	2											5
3												
			7				6					
								9				

A number may not appear twice in the same row or in the same column or in any of the nine 3x3 subregions.



athletics & recreation

queensu.ca/gazette ■ August 30, 2016

14



PHOTO BY JASON SCOURSE

After starting the OUA football season on the road against the Laurier Golden Hawks and Guelph Gryphons the Queen's Gaels will open the revitalized Richardson Stadium on Sept. 17 against the Western Mustangs.

Gaels hope to be in the 'hunt'

BY COMMUNICATIONS STAFF

After 45 years of football at the old Richardson Stadium on West Campus, the Queen's Gaels said goodbye to the natural grass field and familiar stands at the end of the 2015 season.

With pressure to get back into the playoffs after a year hiatus, Queen's finished the 2015 regular season with five wins and home-field advantage in the first round of the OUA playoffs. Despite being ousted by the Carleton Ravens in the OUA quarterfinals, the Gaels can take pride in having upset the Yates Cup champion Guelph Gryphons earlier in the year on a record-setting 108-yard touchdown pass from Nate Hobbs to Matteo Del Brocco.

The newly-revitalized Richardson Stadium stands ready for its grand opening on Sept. 17 against the rival Western Mustangs, and this season, Queen's will play on artificial turf at home

for the first time in the football team's history.

While the offence will be looking for new rushing and receiving leaders, quarterback Nate Hobbs is back as the starter in his third season with the Gaels after finishing 2015 with the fifth-most passing yards in the OUA. Peter Hannon and Matteo Del Brocco are expected to step into top receiving positions after both had solid production last year. On the ground, it's Jonah Pataki's turn to take the starting running back spot in his fourth year with Queen's while the Gaels have depth and options at the position with the likes of returnees Adam Black and Brad Innis.

Defensively, the familiar faces at linebacker and in the backfield should overshadow the loss of a couple veteran linemen. Mike Moore, Justin Bowman and Nelkas Kwemo return as anchors in the linebacking core after both finishing among the OUA's top

tacklers, despite an injury that sidelined Kwemo for the final three games of the season. The Gaels have a wealth of third-year talent at the defensive back position, highlighted by Jason Shamatutu, Matt Pendergast and Chris Mackey, who all finished with over 35 solo tackles in 2015.

"This will be the third year of the current development cycle at Queen's. A number of underclassmen have acquired some significant 'on-the-job' training over the past two seasons that should pay dividends this year," says head coach Pat Sheahan. "We are a work in progress with potential to be in the hunt if we can stay healthy at key some positions."

The Gaels open the season on the road Sunday Aug. 28 against the Laurier Golden Hawks and Saturday, Sept. 10 against the Guelph Gryphons.

For the full preview visit gogaelsgo.com.

Home opener to reach national audience

BY COMMUNICATIONS STAFF

On Saturday, Sept. 17 the Queen's Gaels and Western Mustangs will renew their longstanding rivalry at the newly-revitalized Richardson Stadium. Queen's Athletics & Recreation is pleased to announce the game will be broadcasted nationally, live on City TV. To accommodate the national broadcast, kickoff has been moved ahead to 1 pm.

The Gaels last appeared in a nationally-broadcast game in 2013, when they made four appearances – two against Guelph at Richardson Stadium and two at Western including the 106th Yates Cup.

As the excitement grows each day, the experience of the revitalized Richardson Stadium will be on display for all of Canada to see.

For more information on the revitalization of Richardson Stadium, or to purchase tickets, visit richardsonstadium.com.

Gaels fans are encouraged to arrive early and enjoy the opening ceremonies which begin at 12:30 pm.

City is a part of Rogers Broadcasting Limited, a division of Rogers Communications Inc. with television stations in Toronto, Vancouver, Calgary, Edmonton, Winnipeg, Saskatoon, and Montreal.

fittips

Take a healthy break

When you plough through lunch sitting at your computer, your brain doesn't get a chance to switch off, and regroup. The result – an afternoon characterized by foggy thinking, tiredness and diminished productivity. Do more for yourself and your work by getting out of the office at lunchtime, it can make a difference.

Lower your stress & check off your "to do list": Using your hour wisely to eat well, and complete a few errands will leave you feeling less stressed, and in control of your to-do list.

Get more done in a day: Stepping away at lunch can help your brain fire on all cylinders. Returning to work, you'll feel invigorated and refueled, ready to take on the afternoon's challenges.

Make a difference to your work and home life, take time away from your desk and enjoy a break today!

Telling Stories

"Story is the only real magic left in the world."

– Cherie Dimaline



September 28 to
October 2, 2016

Holiday Inn Kingston Waterfront

kingston
WRITERSfest

Tickets on sale now!

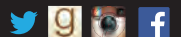
Purchase online, by phone 613-530-2050,
or visit the Grand Theatre Box Office.

Readers & Writers
FESTIVAL



www.kingstonwritersfest.ca

#KWFTELLINGSTORIES



fortherecord

Appointments

Faculty of Health Sciences

Stéphanie Bélanger and Heidi Cramm – Interim Co-Scientific Directors of the Canadian Institute for Military and Veteran Health Research

Dean Richard Reznick is pleased to announce the appointment of Stéphanie Bélanger and Heidi Cramm as interim co-scientific directors of the Canadian Institute for Military and Veteran Health Research (CIMVHR).

Dr. Bélanger completed a PhD at the University of Toronto in 2003 and earned her MPA at the Royal Military College of Canada in 2013. Dedicated to serving those who serve us, Dr. Bélanger is co-founder of CIMVHR and has served as associate scientific director since 2010.

Dr. Bélanger is a leader in military and veteran health research. She has published widely in the peer-reviewed literature and her co-edited collection *Beyond the Line: Military and Veteran Health Research* ranked seventh on the Hill Times Best 100

Books in Politics, Public Policy and History. She was a driving force behind the establishment of and now serves as co-editor-in-chief for the *Journal of Military, Veteran and Family Health*. In 2011, Dr. Bélanger was awarded the Royal Military College of Canada Commandant's coin in recognition of her leadership in research and involvement in the military and veteran community, and in 2013 she was honoured with the Minister of National Defence's coin in recognition of her dedication and leadership in the advancement of

research on the women and leadership in the Canadian Forces. In 2015, she was inducted into the Legion of Honour of the Four Chaplains Memorial Foundation.

Dr. Cramm earned a Master of Science in occupational therapy in 2003 from Dalhousie University and a PhD in rehabilitation science at Queen's. She subsequently completed a post-doctoral fellowship at the Ivey International Centre for Health Innovation at Western University. Dr. Cramm joined the Queen's School of Rehabilitation

Therapy as an assistant professor in 2013. A leader in strategic knowledge translation initiatives across Canada, she has served as head of Knowledge Translation with CIMVHR since 2014.

Dr. Cramm's research focuses on military and veteran family health, with an emphasis on mental health. She has authored numerous publications and lectured extensively on her areas of expertise. In 2013, Dr. Cramm was awarded the Governor General's Gold Medal for outstanding academic achievement.

books

Canada Always: The Defining Speeches of Sir Wilfrid Laurier, edited by Arthur Milnes (*School of Policy Studies*)

Sir Wilfrid Laurier's defining speeches have been compiled in a new book aimed at ensuring the 175th anniversary celebrations of Canada's seventh prime minister will be marked across Canada.

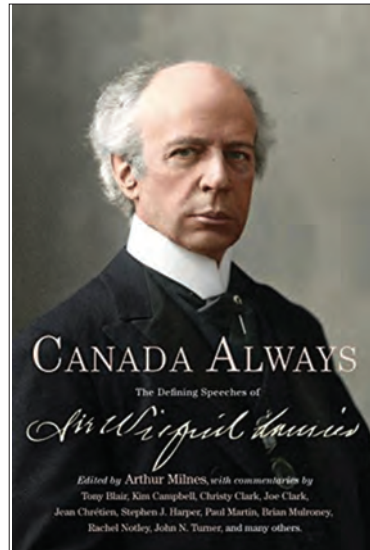
The work of a Queen's University academic fellow, friends of the university and alumni – including the only graduate of Queen's Law to serve on the Supreme Court of Canada – is ensuring celebrations of the 175th anniversary of Sir Wilfrid Laurier's birth will be marked across Canada.

In *Canada Always: The Defining Speeches of Sir Wilfrid Laurier*, Arthur Milnes' (Artsci'88), a Fellow of the Queen's School of Policy Studies, has collected more than 40 of Laurier's greatest speeches.

Members of the Queen's community, including Justice Thomas Cromwell of the Supreme Court of Canada, Queen's Law Professor Thomas S. Harrison, Dr. Christopher McCreery, Canada's leading academic expert on the Monarchy, and Dr. Thomas Axworthy and Derek H. Burney, along with Hugh Segal also penned commentaries as did a number of other distinguished Canadians – and non-Canadians such as former British Prime Minister Tony Blair and BMO senior executive David Jacobson, a past US Ambassador to Canada.

Sir Wilfrid Laurier was born on Nov. 20, 1841 and the Government of Canada has declared the 175th anniversary to be a priority milestone in Canadian commemoration policy ahead of 2017 and the 150th birthday of Canada.

"While Queen's is better known for its connections to Sir John A. Macdonald, one of the founders of the school who is rightly celebrated and discussed, many today don't realize the close ties Canada's first



French Canadian Prime Minister, Wilfrid Laurier, had with our university," Mr. Milnes says. "It was, after all, legendary Queen's Professor O.D. Skelton, writing in the 1920s, whose book *Life and Letters of Sir Wilfrid Laurier* helped cement Laurier's legacy in the Canadian imagination. With Skelton's stellar legacy in mind I was therefore pleased that so many members of the Queen's family such as Mr. Justice Cromwell contributed to my book. Their work demonstrates the value at Queen's today of understanding the proud connections between our university and Laurier."

Milnes also notes that Laurier visited Queen's in the 19th century and was honoured, along with Lady Aberdeen – the day Queen's became the first Canadian university to award an honorary degree to a woman.

In *Canada Always* is available for pre-order – books will arrive in late October or early November – by contacting Milnes directly at arthur.milnes@sympatico.ca.

Milnes served as the Inaugural Fellow in Political History for Queen's University Archives and was a Fellow of the Queen's School of Policy Studies' Centre for the Study of Democracy.

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:** 2016-289
Job Title: Learning Management Systems Specialist (USW Local 2010)
Department: Faculty of Arts and Science, Continuing and Distance Studies

■ **Hiring Salary:** \$44,897 (Salary Grade 6)
Hours per Week: 35
Appointment Terms: Term Appointment (2 years)
Closing Date: 07-Sep-2016

■ **Competition:** 2016-287
Job Title: Academic Accommodation Coordinator (USW Local 2010)
Department: Faculty of Arts and Science
Hiring Salary: \$44,897 (Salary Grade 6)

■ **Hours per Week:** 35
Appointment Terms: Term Appointment (2 years)
Closing Date: 06-Sep-2016

■ **Competition:** 2016-284
Job Title: Audit and Monitoring Group (AMG) Team Leader
Department: Canadian Clinical Trials Group
Hiring Salary: \$61,378 (Salary Grade 9)

■ **Hours per Week:** 35
Appointment Terms: Continuing Appointment
Closing Date: 05-Sep-2016
Apply To: Bryn Fisher, Manager, Office of Compliance and Oversight, bfisher@ctg.queensu.ca

■ **Competition:** 2016-282
Job Title: Manager, Special Projects and Business Officer
Department: Provost and Vice-Principal (Academic) and Planning and Budgeting

■ **Hours per Week:** 35
Appointment Terms: Continuing Appointment
Closing Date: 05-Sep-2016

■ **Competition:** 2016-281
Job Title: International Student Advisor (USW Local 2010)
Department: Queen's University International Centre (QUIC)
Hiring Salary: \$57,732 (Salary Grade 8)

■ **Hours per Week:** 35
Appointment Terms: Continuing Appointment
Closing Date: 05-Sep-2016

■ **Competition:** 2016-273
Job Title: Senior Development Officer, Faculty of Arts and Science (USW Local 2010)
Department: Development, Office of Advancement

■ **Hiring Salary:** \$61,378 (Salary Grade 9)
Hours per Week: 35
Appointment Terms: Term Appointment (3 years)
Closing Date: 21-Sep-2016

■ **Competition:** 2016-277
Job Title: Senior Development Officer (USW Local 2010)
Department: Faculty of Engineering and Applied Science
Hiring Salary: \$61,378 (Salary Grade 9)
Hours per Week: 35
Appointment Terms: Continuing Appointment
Closing Date: 11-Sep-2016

Successful Candidates

■ **Job Title:** Associate Director, Finance
Department: Faculty of Arts and Science

■ **Competition:** 2016-147
Successful Candidate: Kellie Hart (Planning and Budgeting)

■ **Job Title:** Executive Director, Business Career Centre
Department: Smith School of Business

■ **Competition:** 2016-155
Successful Candidate: Karen Jackson-Cox

■ **Job Title:** Administrative Assistant (USW Local 2010)

■ **Department:** Philosophy
Competition: 2016-154
Successful Candidate: Judy Vanhooser (Philosophy)

■ **Job Title:** Special Projects Officer
Department: University Secretariat and Legal Counsel

■ **Competition:** 2016-191
Successful Candidate: Giselle Valarezo

■ **Job Title:** Laboratory and Student Training Coordinator (USW Local 2010)

■ **Department:** Geological Sciences and Geological Engineering
Competition: 2016-178
Successful Candidate: Lindsay Waffle

PUZZLE SOLUTIONS

4	7	8	3	9	2	5	6	1
2	1	6	8	5	7	4	9	3
9	5	3	4	1	6	2	8	7
1	4	2	5	7	8	9	3	6
8	3	9	6	4	1	7	2	5
7	6	5	9	2	3	1	4	8
6	2	7	1	3	4	8	5	9
3	9	4	7	8	5	6	1	2
5	8	1	2	6	9	3	7	4

WHERE EVER By Timothy E. Parker

A	L	E	R	T	A	W	A	S	H	V	I	E					
D	E	B	A	R	F	O	L	I	O	A	N	D					
S	U	B	D	I	S	T	R	I	C	T	A	I					
					N	E	E	D		F	A	I	N	T			
R	E	B	U	K	E	R	S	C	O	N	C	E	S				
E	V	O	K	E	D		C	O	R	N	A						
C	A	R	E	T		D	O	N	U	T	N	E	O				
O	D	D	S		W	I	N	E	D		A	C	E	R			
N	E	E		S	A	V	E	S		W	E	I	R	D			
				R	A	M	R	O	D		S	O	R	T	I	E	
D	I	S	R	U	P	T		A	N	N	O	Y	E	R			
A	N	T	E	D			K	N	I	T							
C	P	A			G	O	I	N	G	T	O	T	O	T	O	W	N
H	U	T			E	R	R	O	L		N	O	V	A	E		
A	T	E			S	K	A	T	E		S	T	A	R	T		



FITNESS FREE-FOR-ALL



**SEPT. 12-18
TRY A CLASS
AT THE ARC
FOR FREE!**

GOGAELSGO.COM/FFA



QUEENSARC