

the gazette

Queen's University's newspaper of record since 1969 ■ queensu.ca/gazette ■ August 29, 2017



A COMMUNITY EXPERIENCE



At Queen's University there is a wide range of events being held throughout the year and there is a fit for all community members. To help make a connection, the *Gazette* offers up a quick list of 'Things To See And Do' on pages 8 and 9.

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Committee chair reflects on 175th

EDITOR

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

ADVERTISING COORDINATOR

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

www.queensu.ca/gazette

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QUEEN'S UNIVERSITY VICE-PRINCIPAL (UNIVERSITY RELATIONS)

Michael Fraser

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As Queen's University's 175th anniversary celebrations come to a close, the *Gazette* sat down with David Walker, Director and Chair, 175th. Dr. Walker (Meds'71) is also the Stauffer-Dunning Chair and executive director, School of Policy Studies.

GAZETTE: What will you take away from your time as chair of Queen's 175th anniversary?

DAVID WALKER: Engagement was the key principle for our efforts, and so we met with 140 groups, units, and schools across campus. Our job was to encourage them to do something for the 175th, or take something they were already doing and add a 175th component. The response was truly remarkable. Everyone wanted to take part, and there was great enthusiasm and excitement around the anniversary. The involvement of people from across Queen's, their pride, and their willingness to participate was inspiring. As a result, the 175th really shone a light on what goes on at Queen's in a year. There is always something going on that is fascinating and wonderful at this university.

I also really enjoyed meeting so many different people from across the university who I would not normally interact with. Through our work I met the team behind Islamic History Month, the Jamaican Canadian diaspora, the staff at the Four Directions Aboriginal Student Centre, employees at the Agnes and Isabel, faculty within the philosophy and engineering departments, and Matthew Barrett, Grounds Manager within Physical Plant Services, to name a few. It was a wonderful experience to meet enthusiastic people who would tell us about what they do. It was



PHOTO BY BERNARD CLARK

As director and chair of the committee for the 175th anniversary celebrations at Queen's, David Walker met with a 140 groups, units, and schools across the university.

also very useful for our students to be able to get to know their academy in a way they wouldn't otherwise. Students Rico Garcia and Mike Blair were mature beyond their years, did so much work, and expressed so much support for Queen's.

GAZETTE: Did you have a favourite memory or moment from the 175th?

DW: The big Q was a definite highlight. It was really impressive, and I have never seen so many students so committed – and the close working relationship with student leaders made a significant difference.

I did not think we would be able to get even 2,500 students organized and doing exactly as we told them to do, but it was really well organized thanks to University Relations. The representative from Guinness said, even if we did not win the award, that we

should get one regardless of our level of organization! I also want to thank everyone – employees, students, and alumni – for participating.

The landscaping and beautification of campus was another highlight. Between the tricolour flowers, the tulips, and the commemorative banners, the campus looked so beautiful.

I would also mention the support of the Perth Friends of Queen's, as we unveiled the plaques commemorating William Morris and the anniversary of both Queen's and the Town of Perth. It was a very special moment, and the first initiative that arose – they actually approached us.

There are many others worth mentioning. I could not attend everything because the level of activity was quite remarkable – attending everything would have been a full-time job.

GAZETTE: Any challenges you overcame or moments that you were especially proud of?

DW: The 175 Moments, which Duncan McDowell and Mike Blair worked on, was an exciting and yet delicate initiative. We tried to be thoughtful to ensure the moments selected were marked by diversity of generations, theme, geography, ideas, and gender. We knew those moments would, by their nature, include moments that were difficult that we learned from – and we would need to cast them appropriately. They are part of what made Queen's and what led us to now.

GAZETTE: As we look ahead to two centuries of Queen's, what is the legacy of Queen's 175th?

DW: As our university evolves over the next quarter century, I think we will find the 175th crystallized our thinking about a number of issues and seminal moments. It was an important moment to pause, think, and look forward about where we have been, where we are, and where we are going.

GAZETTE: What happens next?

DW: Mike Blair is writing a report that will be archived and will explain how we went about it, and what happened. We will also be conducting an impact assessment – looking at whether we achieved our objectives, or to what extent. And, of course, we can start thinking about the 200th anniversary – though they will need to find someone else to chair that one.

The Queen's 175th report will be available on the Principal's website later this year.

This interview has been edited and condensed for length and clarity.

175th celebration memories

With the conclusion of Queen's 175th anniversary celebrations the *Gazette* asked community members about their favourite 175 memories.

Principal Daniel Woolf

There were so many great 175th memories that it is pretty tough to narrow it down to just one. The giant human Q would be a contender, as would the Global Oil Thigh, or hosting the annual meeting of the Royal Society of



Canada. But to me the memory that I will carry with me most is of the special Senate meeting marking the anniversary first day of classes at Queen's, both because of the importance of the day (marked by a Latin agenda!) and the manner in which the ceremony contained a meaningful step toward Queen's reconciliation with the Aboriginal peoples on whose grounds we sit, whose colonization we inadvertently contributed to, and, in the wake of our TRC task force, with whom we aspire to collaborate more closely in the coming years.

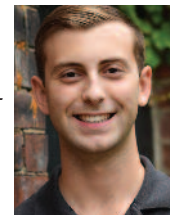
Sue Bates, President, Queen's University Alumni Association

Absolutely my favourite memory from the 175th was the Queen's University Alumni Association Global Oil Thigh video. Our global alumni network was on full display. We had people submit videos from Australia, Switzerland, across Canada, across the globe.



Michael Blair, 175th Celebrations Coordinator

Over my three-year involvement planning the 175th Anniversary, the opportunity to meet with over 130 stakeholders, both internal and external to Queen's, was by far the highlight. I developed an appreciation for just how many unique ways members of our community contribute to the University, Kingston, and Canada.



Queen's UNIVERSITY

Agreement boosts student mobility

BY PHIL GAUDREAU, SENIOR COMMUNICATIONS OFFICER

Queen's University has signed a new agreement with The Education Office, Consulate General of the People's Republic of China in Toronto. This new Memorandum of Understanding will see up to 10 Queen's students per year offered a China Scholarship Council scholarship which would allow them to complete part of their studies in China.

The MOU was signed Friday, Aug. 11 during a campus visit by Consul General He Wei. The agreement aims to promote student mobility at both the undergraduate and graduate levels, across all disciplines. The scholarship will specifically support Queen's students who wish to further understand China, learn the Chinese language, or study at Chinese universities. The scholarship will be awarded annually to either five students for a full academic year, or 10 students for one term.

"Increased cultural awareness, intellectual development, personal development, and career opportunities are only some of the benefit of International learning opportunities," says Benoit-Antoine Bacon, Provost and Vice-Principal (Academic). "This new agreement aligns with our Comprehensive International Plan by enhancing our relationship with China and growing our reputation as a truly international institution. We are pleased to partner with the Consulate General to open up this exciting opportunity for our students, and we look forward to the announcement of our first recipients this fall."

To learn more about exchange opportunities for Queen's students, visit the International Programs Office website (queensu.ca/ipo/home).



PHOTO BY JAMES MCELLELLAN

Eight teams that took part in the 2017 Dunin-Deshpande Summer Pitch Competition received funding, including Fitra, whose members are, from left, Blair Halenda, Sam Milner, Jennie Teng, Jared Westreich and Victor Mimo, who secured the top prize of \$30,000.

Fitra pitch competition perfect

Eight teams win seed funding at Dunin-Deshpande Summer Pitch Competition

BY PHIL GAUDREAU, SENIOR COMMUNICATIONS OFFICER

Eight teams of budding entrepreneurs secured seed funding at the 2017 Dunin-Deshpande Summer Pitch Competition, taking home at least \$10,000 to invest in their business.

The top prize of \$30,000 was awarded to Fitra, a venture that aims to retrofit health clubs with sensor technology that can track and provide feedback metrics to

gym owners and facility managers, thereby keeping members motivated to reach their fitness goals.

"It seems absolutely surreal that the pitch competition is done," says Blair Halenda (Sc'18). "Being a part of the Queen's Innovation Centre Summer Initiative 2017 cohort has been a great learning experience, and we all feel so fortunate to be given this opportunity. We are looking forward to working with our beta testers, including the Queen's Athletics and Recreation Centre and the YMCA of Kingston, and we can't wait to see what comes next."

Other seed funding recipients include Spectra Plasmonics, Dream Again, and Your Mobility Innovations, who each took home \$15,000, while TimberWolf Cycles, Focus Forward for Indigenous Youth, Whisk, Ozira Foods were awarded \$10,000 each.

"On behalf of the Dunin-Deshpande Queen's Innovation Centre, congratulations and a job well done to all of our partici-

pants and our pitch competition winners," says Greg Bavington, Executive Director, Dunin-Deshpande Queen's Innovation Centre. "Every year, the quality of participants in our Summer Initiative improves and 2017 was no exception. This event is an exciting opportunity to bring together local innovation leaders and future talent to support the growth of several start-ups in our area, and I look forward to seeing what the future holds for all our competitors."

In addition to the eight Queen's student businesses competing in the pitch competition, four regional businesses also had the opportunity to compete for funding this year. This addition to the annual pitch competition was opened up through the Dunin-Deshpande gift, announced in 2016, to support regional innovation and entrepreneurship. Total available funding was also increased this year due to a \$10,000 gift offered by the Faculty of Arts and Science and the Office of the

Vice-Principal (Research).

"As a team we are thrilled about the win, and excited about the opportunities it will open up in the future," says Dylan Houlden of Your Mobility Innovations. "Our next steps are product testing as well as setting up pilot tests with our early adopters and preparing for the GrindSpaceXL application process. We couldn't be more thankful for all the help we received from our mentors, from the QICSI Executive Team, and from the Queen's Biomedical Innovations Team, as well as the opportunity to be a part of this year's QICSI cohort. We would also like to thank our team from the Loyalist College Entrepreneurial Studies Business Launch program as they continue to show endless support."

To learn more about all the teams which competed this year, visit queensu.ca/gazette/stories/teams-contending-2017-dunin-deshpande-summer-pitch-competition.

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Building intercultural skills and knowledge

BY COMMUNICATIONS STAFF

The Division of Student Affairs is launching an Intercultural Awareness Certificate for staff, faculty and students to promote an inclusive campus community, and respectful interactions among individuals with diverse perspectives and backgrounds.

Delivered in partnership by staff of the Four Directions Aboriginal Student Centre and the Queen's University International Centre (QUIC), the five-session program combines and builds on existing education and training, including the expansion of Indigenous cultural content.

"This program aligns with recommendations of the TRC Task Force and the report of the Principal's Implementation Committee on Racism, Diversity and Inclusion," says Ann Tierney, Vice-Provost and Dean of Student Affairs. "This certificate will raise awareness of Indigenous culture, build intercultural competence, and help participants develop life skills that support their success in diverse environments, including campuses, workplaces and communities."

The five workshops cover topics including concepts of intercultural learning, the cultural self, dimensions of culture, the Intercultural Development Continuum, Indigenous rights history through the KAIROS Blanket Exercise and Cultural Safety training, that explores the diversity of Indigenous communities and people, self-identification, terminology, stereotypes and the creation of empathic relationships.

"We know that in-depth cul-



Students take part in a KAIROS Blanket Exercise in the main gym of the Athletics and Recreation Centre.

tural exploration helps build awareness, support and collaborative approaches to problem-solving and community-building," says Janice Hill, Director, Four Directions Aboriginal Student Centre. "This program is one way that campus partners are continuing to work together to make progress on the important issues and calls to action outlined in recent reports and echoed by our community members."

Participation surveys will guide the continual assessment of the program. Sessions will be held on weekdays and on weekends to support access to the program.

"We are excited to launch this program," says Jyoti Kotecha, QUIC Director. "We have seen in-

creasing numbers of faculty, staff and students participating in various sessions on intercultural competence and education. This certificate brings everything together with the goal of helping our community members develop skills and knowledge that promotes inclusion across our campus and in society at large."

Consistent with the TRC Task Force and the PICRDI report, the Division of Student Affairs is also expanding recruitment activities focusing on under-represented student populations, enhancing peer mentor and transition programs, and creating a new position that will coordinate initiatives relating to diversity, equity and inclusion.

UNIVERSITY COMMUNICATIONS

Queen's Reads takes on Vermette's *The Break*

BY COMMUNICATIONS STAFF

The Queen's community is invited to join the university's common reading program this coming academic year, and engage in discussions, events and activities that build community and explore themes of identity, diversity, Indigenous culture, sexual violence and resilience.

The 2017-18 Queen's Reads book is *The Break* by Winnipeg author Katherena Vermette. Finalist for the Governor General's Literary Award, shortlisted for CBC's Canada Reads 2017, and recipient of the 2017 Amazon First Novel award, this bestseller is an important new work of Canadian literature that tells an intergenerational story of a Metis family as they navigate the effects of trauma.

"The Queen's Reads program aims to create meaningful discussions on campus, encourage critical thinking, and promote a sense of community," says Kevin Collins, Coordinator, Student Development, Student Experience Office. "We want to use the powerful story of *The Break* to talk about themes in the book, as part of ongoing conversations on campus about our own identity, and our relationships with each other, and with our community."

Starting in September, students will be able to pick up a special free copy of the book at locations

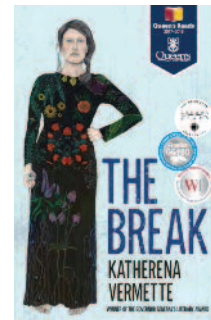
around campus, including the Student Experience Office and the Alma Mater Society (AMS) office in the John Deutsch University Centre, Stauffer Library and the Four Directions Aboriginal Student Centre. All interested students, undergraduate and graduate/professional are invited to participate, along with faculty and staff.

"You don't have to have read the book to participate in Queen's Reads, but that will certainly enhance your connection with the program," says Carolyn

Thompson, Queen's Reads Student Coordinator. "The events we are planning will give students a unique way of exploring and reflecting on the important issues highlighted in *The Break* and new avenues through which they can engage in the ongoing dialogue that we are having here at Queen's."

"We've been having important conversations at Queen's around diversity and inclusion and sexual violence. I hope the themes in *The Break* give students another avenue to share with each other in this dialogue."

Programming will include events, discussion groups, a writing/media contest and a visit from the author. More information about the activities will be posted later this summer on the Queen's Reads webpage (queensu.ca/studentexperience/queensreads).



Employee discount program refreshed

BY COMMUNICATIONS STAFF

One of the perks of being a Queen's employee is access to a number of discounts with local and national vendors.

While the program has been around for a few years, Strategic Procurement Services recently reviewed and renewed the list of participating vendors. Currently, there are more than 25 vendors participating in the program and that number is expected to grow.

There are several new additions, including Revell Ford Lincoln and Kingston Toyota, where Queen's employees pay a small

percentage over the dealer cost on vehicle purchases.

Also new to the program is the Kingston location of furniture retailer The Brick. Discounts are available on furniture, appliances, electronics and mattresses.

The updated vendor list also includes a range of services for everyday expenditures like food, fitness, pet supplies, personal assistance and esthetics.

Each discount offers savings but also strengthens the connections between the Queen's and Kingston communities, explains Andy Green, Director, Strategic Procurement Services.

"The greater the use of these discounts will contribute to the success and longevity of this program for our employees," he says.

To receive the discounts a Queen's Employee Photo ID Card is required at the time of purchase.

For more information, visit the Strategic Procurement Services website (queensu.ca/procurement/employee-discounts-not-contract).

Vendors interested in participating in the Queen's employee discount program can contact Strategic Procurement Services via employee discounts@queensu.ca.

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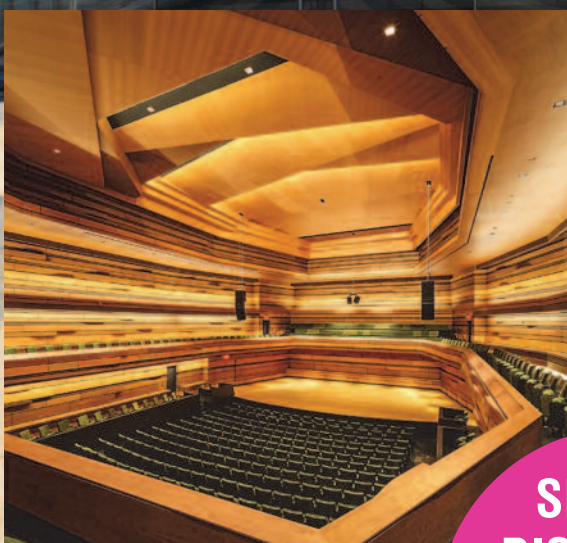
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with Alexander Shelley
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viewpoint

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Building on the legacy of 175

Principal and Vice-Chancellor Daniel Woolf reflects on the 175th anniversary, and its impact on Queen's.



The banners are down, the festivities are concluded, and it is now time to take stock of the celebration that was our 175th anniversary.

From its inception, we planned the anniversary to reflect on our many past accomplishments, while celebrating our present and building towards the future. The anniversary commemorated the high heights, forced us to reflect on the more difficult moments, and ultimately led to some meaningful change in our university community.

Whether you consider the revitalization of cherished campus

spaces like Richardson Stadium, the celebration of many accomplished alumni (from business leaders, to leading academics, to rock stars), the Guinness World Record winning giant Q, or the history that was revisited through our 175th moments – as just a few examples – it is clear to even the casual observer that our anniversary achieved these goals,

and beyond.

These events certainly encapsulated the spirit of the 175th – and the spirit truly shone through in the way all members of our community embraced the anniversary. David Walker, Director and Chair of the 175 Committee, commented that all of the 140 groups his team met with across campus wanted to take part. Our pride, our energy, and our community spirit was on full display throughout the anniversary. Thank you all for your enthusiastic response to this important milestone in our history.

Like any good celebration, this, too, must at some point come to an end. And so, as we mark the start of another academic year, we bid farewell to Queen's 175th anniversary and turn our attention to the future – bringing with us our memories, pride, and renewed optimism about the future of Queen's.

There are many great things about our university, including our fantastic students, remark-

able faculty, and dedicated staff. What continues to make Queen's unique is our focus on both an extraordinary experience for undergraduate and graduate students – inside and outside the classroom – coupled with our identity as a research intensive institution – as a national and international leader.

I have always thought our best days lie ahead of us. If we look 25 years ahead to our 200th anniversary, I believe the Queen's of 2041 will be an institution that still takes its traditions seriously and values them, but recognizes that traditions change and evolve. As I said in my 2012 essay *The Third Juncture*, we are an institution in a period of change – technological change, demographic change, and changes in the needs and expectations of our student body. All that has been achieved in the past 175 years has equipped us for today, and yet we cannot necessarily carry on as we always have and expect the same level of success in the future.

Our challenge, then, is to strengthen those aspects essential to the Queen's of the past and present – our reputation for quality, our history of producing outstanding graduates at all levels, our enduring student and alumni spirit of initiative – while seizing the opportunity to reinvent ourselves yet again.

In the years ahead, I would like to see Queen's advance its reputation for being on the cutting edge, for risk taking, for innovation in pedagogy, and for internationally renowned research. We have already started to embrace a leadership position in these areas, and it is distinctive factors such as these which will allow us to continue attracting the best and brightest students in the country – and, increasingly, from around the world.

With the 175th behind us, we have a clear picture of where we have come from and what we must do. It's time to look to the future, and the future of Queen's is bright.

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

Talented, humorous and a perpetual student

It is very hard for us, the children of Uri Fixman, to write anything about our dad without sending it to him to first add a touch of his wry humour.

Born in Israel before it was a state, our dad was a Morse Code operator in the army. He obtained his Master's Degree in physics in 1955 and his PhD in mathematics in 1958 at Hebrew University. He was then appointed a research associate in mathematics at the University of Kansas in Lawrence for a period of a year starting Feb. 1, 1959, followed by positions at Yale and Stanford. Then in September 1961 he arrived in Canada to take a position at Queen's University in the Department of Mathematics for "one to two years" before returning to Israel. The "returning" part never happened (except for visits and a sabbatical) because he and our mom, Mantzi Miriam eventually made Kingston and Queen's University their home, taking sabbaticals at the University of Illinois at Champaign/Urbana and the Hebrew University at Jerusalem over the



Mantzi and Uri Fixman, Oct. 28, 1958

following years.

In a typed letter, dated May 4, 1961, from Professor A.J. Coleman, Head, Department of Mathematics to our dad at the University of California in Stanford, Professor Coleman offers our dad the position adding a handwritten note at the bottom: "Kingston is a small town (40,000 population) which for a few years (c. 1850) was the capital of Canada. My family and I moved here only eight months ago and have found it most pleasant and are also enjoying the congenial atmosphere in the university."

We grew up knowing that our

dad had read the adult newspaper by the age of five, but one of his fondest memories was being holed up in the newspaper offices in Israel during a time when his family had to flee his home for a few weeks to wait out tensions. Most were inconvenienced, but he got to read the kids' version of the newspaper as much as he wanted. He used to sleep in the kitchen at home and didn't mind so much when his parents went out to the movies and came back to check on him during intermission because he got to read math books for fun, a passion that eventually led to him becoming a professor emeritus at Queen's University in the Department of Mathematics.

A wonderful singer, something known only to his family until in his 70s he finally joined a choir and was given solos, he would glide into humorous anecdotes (some true, some borrowed) with sincerity until hitting you with a punch line timed to perfection. He also loved to draw, although he rarely did, other than diagrams of how stuff worked.

Our father had dozens of dic-

tionaries in every language (he used them to read math books), he loved Lewis Carroll and used to quote nonsense from time to time, loved *Huckleberry Finn*, *Porgy and Bess* (he did a great rendition of *Summertime*) and no matter how he was feeling, he could always bring a smile to his own face (and ours) with a joke or a song. As kids, we remember him making funny faces in the foyer mirror while waiting for our mom to get ready to leave. He also was crazy organized, the extent of which only became clear after he passed away – he still had organized labelled receipts for the 1960 car he bought used in 1964 and we know how much was paid for the green flowered couch in 1974. We also know exactly the date of the 1961 letter offering our dad the position at Queen's.

He was opinionated but that didn't stop him from being a perpetual student, taking French classes in his 80s, piano lessons a few years before that and joining a writing club recording some stories of his life. A son of a shopkeeper, he worked hard with our

mom, his wife of almost 54 years, to make a comfortable life in Canada for his kids and extended family.

It was our dad's fervent wish that his zillions of math books (there were book shelves in every room) be given to mathematicians who would appreciate them, so we are pleased when the former head of the math department came to our home and left with a car load of hundreds of books (several quite rare we were told) which will be housed at the department for all to enjoy.

It's hard to write this about our dad because his spirit (wrong word – want to say his humour) is still with us. He was supportive of all of us as we navigate adulthood and he is very much missed.

In his later years, after a short rant about this or that, he'd put a smile on our faces and on his own by quoting "Such is life and it gets sucher and sucher every day."

This Lives Lived column was written by Professor Emeritus Fixman's children – Tsufit, Ron and Carmela. He passed away March 8, at the age of 85.

Queen's in the news

Highlights of Queen's experts in the media from Aug. 1-22

NEWSPAPERS

Robert Wolfe (Policy Studies) commented in the National Post and Newstalk 680 on NAFTA and President Trump.

Geoffrey Smith (History, School of Kinesiology and Health Studies) said in an op-ed published by the Toronto Star that the U.S. has embarked on a rough road, and no one knows where it will end.

Roderick Lindsay (Psychology) told the Halifax Chronicle-Herald that courts have been cautious about eyewitness identification for about five decades, following a case where eyewitness testimony didn't hold up.

Kenneth Wong (Smith School of Business) commented on the Loblaw's-Optimum merger in a story published by the Halifax Chronicle-Herald and the Globe and Mail.

Anne Ellis (School of Medicine, Biomedical and Molecular Sciences, Division of Allergy and Immunology) told the Kingston Whig-Standard that earning the Mihran and Mary Basmajian Award for Excellence in Biomedical/Health research is an honour.

Albert Jin (School of Medicine, Neurology) told the Kingston Whig-Standard that using robots in clinical research provides a more precise understanding of brain to body interactions.

Chris Kilford (Centre for International and Defence Policy) says that

despite any controversy about military spending, Canada remains a bulwark welcomed all over the world in the Victoria Times-Colonist.

Erik Knutsen (Law) says the money from Air Transat to customers is a goodwill gesture and comes without strings in an article published by the Ottawa Citizen and other Postmedia newspapers.

Elia Zureika (Sociology) discusses Donald Trump in the White House in the Kingston Whig-Standard.

Sharry Aiken (Law) commented in the National Post on the increase in asylum seekers, saying the irregular arrival protocol was designed to help border officials contend with very large arrivals and to separate who is genuine and who is not.

Ashley Waddington (School of Medicine, Obstetrics and Gynaecology) discussed what the new abortion pill means on CBC Radio and with the Kingston Whig-Standard.

Allan Gregory (Economics) discussed the regulation of marijuana in an op-ed published by the Ottawa Citizen.

Cynthia Levine-Rasky (Gender Studies, Sociology, Education) told Metro News that following the presidential election in the U.S., she was worried about the consequences for not only Muslims and Jews but other religious minorities, refugees, immigrant groups and LGBTQ groups.

Louis Delvoie (Centre for Inter-

national and Defence Policy) says Kurds have been the object of discrimination and persecution at the hands of the majority populations in his regular op-ed for the Kingston Whig-Standard.

ONLINE

David Hanes (Physics, Engineering Physics and Astronomy) talked with cbc.ca about viewing the eclipse in Ottawa.

Christopher Cotton (Economics) told CBC Online it's not unusual for companies to support the party they think is best placed to win an election.

Robert Morrison (English Language and Literature) had his column about the lyrics of The Tragically Hip song "Ahead by a Century" published by The Conversation on the anniversary of the band's final concert of their 2016 farewell tour.

Kathleen Lahey (Law) said in Benefits Canada that depending on the industry, that 18-month parental leave could create contractual problems in the workplace.

Jacalyn Duffin (History, School of Medicine) talked to 99% Podcast about how the invention of the stethoscope changed history.

John Smol (Biology) discussed his research project on Lake of the Woods with Science Daily and phys.org.

John S. Andrew (Environmental

Studies, Geography and Planning) commented on CBC Online on the Vancouver real estate market saying the price decline was short-lived because the new 15 per cent tax on foreign nationals only managed to affect buyer psychology.

Benedict Glover (School of Medicine, Cardiology) says addressing lifestyle, diet and exercise may actually significantly improve and even reverse symptoms of atrial fibrillation—and the need for invasive treatment, in a column published by The Conversation and the National Post.

TELEVISION

Christian Leuprecht (Political Studies) was interviewed by CTV News Channel about a Toronto man flagged by Interpol; President Trump discusses Afghanistan in national address.

Mark Rosenberg (Geography and Planning) was interviewed on CKWS' Morning Show to explore the latest census data that shows more people are living alone today.

RADIO

Christopher Simpson (School of Medicine, Cardiology) spoke to CBC Radio and CBC Online about the Ontario government sharing surgery wait times across the province.

Daniel Krupp (Mathematics and Statistics, Psychology) discussed hu-

man morality on NewsTalk 770 (Calgary), as a follow-up to his column published by The Conversation.

MAGAZINES

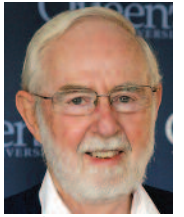
Robert Watts (Smith School of Business, School of Policy Studies) says reconciliation comes through looking at each other in a way to see each other's humanity in The Catholic Register.

Peter Davies (Biology, School of Medicine, Biomedical and Molecular Sciences) had his research that resulted in the first complete structure of a bacterial protein featured in Chemical and Engineering News.

Arthur McDonald (Physics, Engineering Physics and Astronomy) was interviewed in The Walrus about SNOLAB and research at the Sudbury observatory that led to the unexpected discovery that neutrinos possess mass.

Beverley Baines (Law) was interviewed for Canadian Lawyer Magazine's blog Legal Feeds, about her work on The Feminist Judgments Project – a global initiative that began in Canada in 2004, where lawyers, scholars and activists rewrite court decisions using feminist perspectives.

Kevin Banks (Law) says the federal court decision on airline safety is interesting because of what it says about how inspectors need to do their jobs in Lawyers Weekly.



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As work on the Innovation and Wellness Centre continues, stone has been removed from the window frames on the front façade. The frames are now open for the first time in 47 years after being closed in 1970. Modern, thermal windows with a heritage look will be installed in the frames by early December, allowing natural light into the new centre. Crews are working to enclose the Innovation and Wellness Centre construction site by the end of the year, with all construction activities set to be complete in time for a fall 2018 opening.

THINGS TO SEE AND DO



\$5 FRIDAYS

Celebrate the beginning of the semester by paying homage to your cafeteria days. Staff and faculty can stop by Leonard or Ban Righ Dining Hall with their valid employee ID from Sept. 15 through the academic year, grab a tray, and enjoy an all-you-can-eat deliciousness.

At a university that has been around as long as Queen's, there are bound to be a few traditions – those interesting cultural touchpoints that unite us whether you are a student, alumnus, or employee. And, particularly for those who are new to the university, we want to help you get properly introduced to one of Canada's oldest postsecondary institutions.

That's why we have assembled this helpful list of unique and interesting Queen's experiences to try from September to April. While this is not a comprehensive list of all the exciting things to do at Queen's in a year, we hope you take a moment to try something new and get to know your university this upcoming academic year.



SING THE OIL THIGH

If you didn't quite have the fight song down pat for Homecoming, gear up for your second chance. Head down to a Queen's Rugby game to support the Gaels and practice your Oil Thigh. Check in to the Queen's Encyclopedia for the official lyrics. Queen's College colours we are wearing once again, indeed.



VISIT THE BIOSCIENCES COMPLEX GREENHOUSE

Take a trek to the top of the Biosciences Complex and tour the Phytotron Greenhouse and Conservatory. Make a game of it by printing off a conservatory checklist and seeing how many of the 121 plants you can spot.



ATTEND THE ROCK SALE AT THE MILLER MUSEUM OF GEOLOGY

The Miller Museum of Geology is one of campus' hidden gems – literally. Whether you are interested in learning about the geological history of the Kingston area or are eager to pick up a shiny souvenir at the annual Gem and Mineral Sale in November, Miller Museum welcomes you to stop by. The museum is open weekdays from 8:30 am-4:30 pm.



THE AGNES 60TH ANNIVERSARY BADER COLLECTION 50TH

Wish the Agnes Etherington Art Centre a happy 60th birthday by stopping in on Nov. 21 to view its expansive collections, ranging from contemporary pieces to Canadian historical artworks. While you're there, visit the Bader Collection – which is now in its 50th year. Generously donated by Drs. Alfred and Isabel Bader, the collection is home to over 200 pieces including three Rembrandt paintings!



TAKE A TOUR OF THE QUEEN'S OBSERVATORY

Currently housed in Ellis Hall, the Queen's Observatory has been aiding astronomy research on campus for over a century. Visit on the second Saturday of every month for an introductory presentation, followed by a trip to the observatory dome and an opportunity to view the night sky through its 14-inch telescope. Check the observatory website (observatory.phy.queensu.ca/) for tour information and a schedule for the monthly open houses.



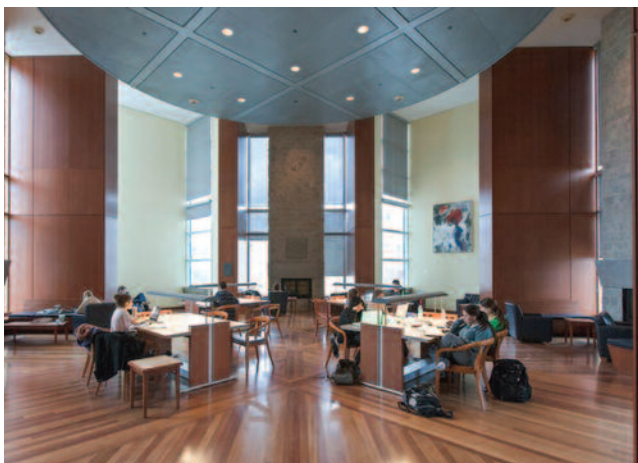
FINISH SOME WORK IN THE HARRY POTTER ROOM

Add a bit of magic to your work day by stopping by the 'Harry Potter Room' on the fourth floor of Douglas Library. Created in neogothic style with beautiful stain glass windows and long wooden desks, you'll revel in the spirit of Hogwarts as you finish up your paperwork. Open to both muggles and budding wizards!



ATTEND A GAELS SPORTING EVENT

Throughout the academic year there is a multitude of sporting events being hosted at Queen's, featuring some of the best student-athletes in Ontario and across the country. Catch a football or soccer game at the rejuvenated Richardson Stadium or rugby at Nixon Field. Head to the Athletics and Recreation Centre main gym if basketball and volleyball are more your flavour or perhaps the Memorial Centre for some hockey. Anyone for fencing or water polo? Check out gogaelsgo.com for information and ticketing.



READ A BOOK IN THE STAUFFER LIBRARY FIREPLACE ROOM

Cozy up with your current read in the Fireplace Room, on the second floor of Stauffer Library. Located on one of the library's quiet floors, the plush interior is the perfect spot for your winter reads. Not currently set on a book? Try Queen's Reads 2017 pick, *The Break*, by Katherena Vermette.



ATTEND A SHOW AT THE ISABEL BADER CENTRE FOR THE PERFORMING ARTS

Haven't made your way down to the Isabel yet? The venue hosts performances throughout the year from international artists and faculty to local productions to student competitions. Check out the schedules at queensu.ca/theisabel/.



TAKE A PHOTO IN THE FRAME NEAR SUMMERHILL

Round off the season by joining together friends and colleagues to capture the 2017-2018 year in picturesque style. No need to purchase a frame, the framework sculpture near Summerhill has all of your office photoshoot needs covered.



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Building research leaders

BY COMMUNICATIONS STAFF

Ten Queen's University researchers have received more than \$1.8 million in combined funding from the Canadian Foundation for Innovation (CFI) John R. Evans Leaders Fund. The fund supports researchers by providing the foundational research infrastructure required to undertake leading-edge research. The investment will allow for advanced research in a variety of fields – from cancer research to new materials for use within nuclear reactors.

"The investment announced today from the John R. Evans Leaders Fund is crucial to ensuring Queen's researchers have the infrastructure necessary to remain on the leading edge of investigation," says John Fisher, Interim Vice-Principal (Research). "This funding will allow our researchers to train qualified personnel, collaborate with colleagues across Canada and around the world, and make important new developments in their fields."

The following Queen's researchers have received funding: **Janet Dancy** (Canadian Cancer Trials Group) has received \$197,065 to support the acquisition of a digital histology slide scanner. The scanner will allow CCTG to share digitized scans of slides prepared from tumour specimens to allow expert pathologists across Canada to contribute their expertise in diagnosis and classification of tumours, as well as to detect and quantify new biomarkers that could lead to improved treatments. (Principal users David LeBrun, Lois Shepherd)

Peter Davies (Biomedical and Molecular Sciences) has received \$100,192 to allow his laboratory to purchase an advanced chromatography apparatus that can identify and separate proteins based on a variety of factors – such as size and shape. His research aims to better understand large and elaborate proteins to find new approaches to combatting diseases, by developing targeted treatments to replace antibiotics which fungi and bacteria have become resistant to. (Principal user John Allingham)

Birgit Fauscher's (Medicine) research focuses on non-invasive EEG markers to identify the affected areas of the brain during an episode of epilepsy. She has received \$139,914 to evaluate the role of sleep for novel non-invasive EEG biomarkers, in hopes of improving the ability to diagnosis epilepsy and plot a course of treatment.

Susan Lord (Film and Media) has received \$400,000 to preserve and remediate a diverse collection of audio-visual products created



Janet Dancy (Canadian Cancer Trials Group) is one of 10 researchers at Queen's University to receive funding from the Canadian Foundation for Innovation (CFI) John R. Evans Leaders Fund.

by Indigenous peoples, women and local Kingston artists. Her work focuses on ensuring these archives – consisting of works created by groups whose media histories are often marginalized – are preserved and made available for students, researchers and the public at large, and ensuring that these work are maintained to facilitate discussion of cultural heritage. (Principal users Dylan Robinson, Rosaleen Hill)

Lois Mulligan's (Cancer Research Institute) research is focused on uncovering signals that contribute to the spread of cancer with the aim of developing new treatments to counteract these signals. To support this research, she has received \$124,040 to fund the purchase of new imaging technology that will allow her to track cancer cell motility and tumor growth in real time. (Principal users Andrew Craig, Peter Greer)

Diane Orihel (Environmental Studies) has received \$167,602 to support the creation of an outdoor research facility to simulate aquatic pollution in model ecosystems. Through this model, Dr. Orihel will be able to understand more thoroughly the impact of pollutants on aquatic ecosystems and drinking water. Through this research, Dr. Orihel and her team will also play a role in developing solutions to these problems.

Michael Rainbow's (Mechanical and Materials Engineering) research analyses how variations in our musculoskeletal systems – joint angles, bone shape and ligament stiffness – can lead to increased or decreased risk of injury. He has received \$400,000 to support the development of a high-tech lab that will allow him and his team to make detailed measurements of the musculoskeletal system during high-demand movement activities, in order to better understand the factors at

play in human motion.

David Rival (Mechanical and Materials Engineering) has received \$76,520 to support the development of the Hemodynamics and Energy Mobility (HEMo) Laboratory. The proposed facility, unique in Canada, will use optical and acoustic imaging tools at a variety of scales to provide temporal and special tracking of various types of flow. The findings from this lab will have implications in a wide variety of fields – from biomedical device development (such as artificial heart valves) to renewable energy.

Graeme Smith (Obstetrics and Gynaecology/Biomedical and Molecular Sciences) has received \$63,540 to support his research into issues in the development of small blood vessels in mothers and their children and the role they play in future development of heart disease, stroke and angina. Previous research has found a correlation between pre-eclampsia (a kind of high blood pressure that occurs during pregnancy) and underlying risk for future heart problems. Dr. Smith hopes to gain further insight into the linkages, as well as develop new screening methods to both prevent disease and improve pregnancy outcomes. (Principal user Amer Johri)

Zhongwen Yao's (Mechanical and Materials Engineering) research focuses on the development of structural materials for nuclear power applications. He has received a \$167,400 grant to support the development and testing of new nuclear cladding materials – which make up the outer layer of the fuel rods, standing between the coolant and the nuclear fuel – for use in nuclear power generation. The funding will support the development of a state-of-the-art fuel cladding research facility at Queen's.

gradstudies

THESIS DEFENCES

Tuesday, Aug. 29

Sophie Sylvie Kenny, Psychology, 'Perceptual Effects of Inconsistency in Human Animations'. Supervisor: N.F. Troje, 228 Humphrey Hall, 2 pm.

Tuesday, Aug. 29

Ubaid Midhat, Biology, 'Characterizing Roles of Arabidopsis Calmodulin-Like Protein, CML39, in Seed and Seeding Development and Fruit Formation'. Supervisor: W.A. Snedden, 3110 BioSciences Complex, 10 am.

Wednesday, Aug. 30

Jia Ma, Education, 'Understanding Test Preparation Phenomenon Through Chinese Students' Journey Towards Success on High-Stakes English Language Tests'. Supervisor: L. Cheng, A115 McArthur Hall, 10 am.

Friday, Sept. 1

Suchit Ahuja, Management, 'Frugal Digital Innovation: An Exploratory Study in Emerging and Developed Economies'. Supervisor: Y.E. Chan, 300/100 MIS/Business, 10 am.

Friday, Sept. 1

Mohammad Mahdi Mohsenpour, Electrical & Computer Engineering, 'Reconfigurable Circuits for Commu-

nications Applications and Environment-Aware Receiver'. Supervisor: C.E. Saavedra, 302 Walter Light Hall, 10 am.

Tuesday, Sept. 5

Alaina Boyd, Chemistry, 'Applications of CO₂-Switchable Solvents'. Supervisor: P.G. Jessop, 300 Chernoff Hall, 9 am.

Tuesday, Sept. 5

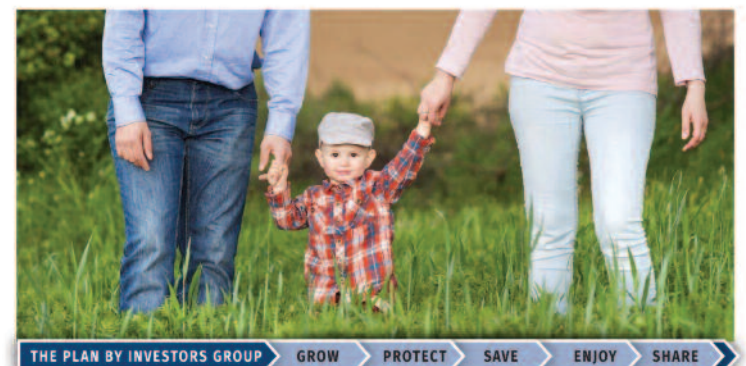
Xin Su, Chemical Engineering, 'The Development of CO₂-Switchable Technologies For Polymer-Based Applications'. Supervisors: M.F. Cunningham, P.G. Jessop, 312 Dupuis Hall, 1 pm.

Wednesday, Sept. 6

Erin Louise Sutherland, Cultural Studies, 'Talkin' Back to Johnny Mac: Interrupting John A. Macdonald and Learning to Curate from an Indigenous Framework'. Supervisors: C. Taunton, D. Robinson, Four Directions - 146 Barrie St., 11 am.

Thursday, Sept. 7

Trevor King, Kinesiology & Health Studies, 'Flow-Mediated Dilation Induced by a Sustained Shear Stress Stimulus: Repeatability and Impact of Aerobic Exercise'. Supervisor: K.E. Pyke, 402B Gordon Hall, 10 am.



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Making it easier to self-identify

BY CANDICE PINTO, INTERN - DEPARTMENT OF STUDENT AFFAIRS

Indigenous students at Queen's can now self-identify through their SOLUS student account at any time during their studies.

The short five-question mechanism was developed through a partnership of the Four Directions Aboriginal Student Centre and the Office of the University Registrar with funding from the Ontario Ministry of Advanced Education and Skills Development. It aims to provide the university with a more accurate picture of Aboriginal enrolment at Queen's, and will inform and enhance programs, services and supports for these students. Until now, the only time an undergraduate student could self-identify was during the Ontario Universi-



PHOTO BY BERNARD CLARK

Graduates of the Aboriginal Teacher Education Program (ATEP) celebrate outside of Grant Hall following the fall convocation ceremony on Nov. 17, 2016. Indigenous students at Queen's can now self-identify through their SOLUS student account.

ties' Application Centre process. "We estimate that only about half of the Aboriginal student population at Queen's has self-

identified," says Janice Hill, Director, Four Directions. "This new function in SOLUS will give all students the opportunity to give

us whatever information they feel comfortable providing. It also offers us the chance to connect with them, with their consent, and tell them about the specialized programs, services, and resources we have to promote their academic and personal success, and to encourage them to connect with the growing Aboriginal community on campus."

The development of the new mechanism was led by Lauren Winkler (ArtSci'17, JD'20) outgoing president of the Queen's Native Students' Association and past AMS Deputy Commissioner of Indigenous Initiatives, who consulted with students, staff, faculty and other institutions over several months. She also helped to create a new website about self-identification (queensu.ca/fdasc/self-identification/self-identify) that features the voices and photos of Aborigi-

nal students who discuss the benefits of self-identification.

"I have spoken with students who I know to have Indigenous ancestry but don't feel comfortable self-identifying because they aren't connected with their culture," says Ms. Winkler. "One student told me that to feel like they could self-identify, they would want Indigenous students to tell them it was okay and that they would be accepted. This is why we wanted to have videos featuring current Indigenous Queen's students, talking about their experiences and encouraging others to become part of the community."

The mechanism aligns with recommendations of Queen's Truth and Reconciliation Commission Task Force that call for enhanced outreach to Aboriginal students to support retention and graduation.



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Ahead by a century: The Hip imagines a better future

This column was originally written for and published by *The Conversation Canada*, which provides news and views from the academic and research community. Queen's University is a founding partner. Queen's researchers, faculty, and students are regular contributors. Visit theconversation.com/ca.

BY ROBERT MORRISON, PROFESSOR, ENGLISH LANGUAGE AND LITERATURE

Good poetry is explosive. It makes us re-examine what we thought we knew, and in some instances it urges us to start again with a different, usually broader, viewpoint. Good songs — as Bob Dylan's Nobel Laureate reminds us — have a similar impact.

One year ago, on Aug. 20, The Tragically Hip played the final gig of their 2016 summer farewell tour. Their lead singer, Gord Downie, had recently been diagnosed with terminal brain cancer, and many thought it might be the last time they were together on stage. If you missed their shows, the documentary, *Long Time Running*, premiering at the upcoming Toronto International Film Festival, chronicles those exhilarating and emotional performances. I watched the final show on the big screen in Kingston's Market Square. I wanted The Hip to play several songs, but none more so than *Ahead by a Century*. It is, I think, their greatest hit, and it was wonderful to hear them perform it as the last song of the show.

Why is it such a fitting way to finish? What about it is explosive? What does it mean to be "ahead by a century?" The song is so rich that there are a variety of good interpretations, but here is one way of thinking about it.

At its most basic level, *Ahead by a Century* is a song with a broad sweep, as it weaves together past, present and future. It is about time, memory, loss, disappointment and desire. But it is also about Canada's identity and the politics of hope. It is a song in which The Hip asks us to shed what holds us back, and to imagine a future that sets us free.

Childhood's golden years

The opening verse recalls childhood. It begins with the words "First thing," which immediately captures the excitement children feel when they recount their day. The singer and his friend have played together many times: "First thing we'd climb a tree / And maybe then we'd talk / Or sit silently / And listen to our thoughts."

Among other things, the two discuss what they will do when



A still from the documentary, *Long Time Running*, premiering at TIFF next month, captures frontman of The Tragically Hip, Gord Downie, as he leads the band through a concert in Vancouver last summer.

they get older, or what they think their future will be like. They have "illusions of someday" that as children cast "a golden light." But as the rest of the song reveals, their ideas of the future are "illusions." It will not be as they planned or hoped. Having been back to childhood, and then forward to "someday," the verse closes with the present and an insistence on living as fully and genuinely as possible: "No dress rehearsal / This is our life."

In the bridge, the "illusions" of childhood are inevitably and almost accidentally punctured. The voice of the child is again captured when he explains — perhaps to a parent — "that's where the hornet stung me." This unexpected and unpleasant experience marks the end of childhood's "golden light," and brings on the "feverish dream" of adulthood, where we are all addled by emotions such as "revenge and doubt."

The final line of the bridge — like the final line of the verse — returns us to the present: "Tonight we smoke them out." Literally, of course, the "them" in this line refers to the hornets, but it also refers to "revenge and doubt." The singer plans to use smoke to drive the hornets from their nest, in the same way that he hopes to drive revenge and doubt from himself, in an attempt to return to an earlier time when he lived free of these emotions.

Political agitators were ahead by a century

The chorus is six words — "You are ahead by a century" — repeated three times. The singer is addressing his partner, who is perhaps the same person he climbed trees with as a child. Yet the two are now far apart. He is thinking of the past and struggling in the present. She is living 100 years into the future. She has broken free of at least some of what thwarts and binds us now.

She is already thinking and behaving in ways that will eventually gain broad political and cultural acceptance, but that are currently deemed unacceptable.

For example, in Britain in the 1810s, thousands of women and men gathered in open-air protests to demand the right to vote, but it was 1918 before there was universal male suffrage and 1928 before there was universal female suffrage.

Those early 19th century demonstrators were ahead by a century (and more). They recognized a blatant social injustice and started campaigning against it, but it took 100 years for the rest of society to catch up.

In 1963, Martin Luther King, Jr. — another Nobel Laureate — spoke powerfully of his "dream that my four little children will one day live in a nation where they will not be judged by the colour of their skin, but by the content of their character."

deepens the themes already in place: This time it is not "where" but "when the hornet stung me," and the dream is not "feverish" but "serious." Then, as the band and the singer build toward the close, the chorus is repeated twice, emphasizing with more and more urgency the distance between the singer and his partner.

The song might have ended with the repetition of the chorus, but the singer has one final thing to say: "And disappointing you is getting me down." It is his acknowledgement that he wishes he was as far ahead as she is, and perhaps too it hints at her disappointment that he is unable to close the ground between them.

But thinking and feeling as he does, regarding the past as he does, misspending his time as he does, seeing a "morning shroud" instead of a morning sun as he does, he seems trapped while she moves into a far more expansive future.

More broadly, the Hip themselves in many ways invoke the dynamics that are at work within this song. They write about Canadian history, language, peoples, landscapes, and towns, and their sense of who we are, where we've been, what we've done, and where we need to go is at the crux of their music.

Their vision of Canada is beset by tragedy and injustice, but also lifted by beauty, humour, and courage. Most of all, at their finest, they urge us to rethink the present, and to imagine a more generous and accepting future that should not be ahead of us by a century.



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Gaels aiming for playoffs return

BY COMMUNICATIONS STAFF

With a year under their belts in the revitalized Richardson Stadium, 2017 may be all about redemption for the Queen's Gaels football team.

Last season, the Gaels had a shot at the playoffs, but the spot was taken from them on the final play when Ottawa completed a fluky two-point conversion for a one-point win.

Fast forward to 2017 and the group that sees the majority of their starters returning will use the finale of 2016 as motivation heading into this season.

The main strength of the team is once again expected to be the defensive unit. Defensive coordinator Greg Marshall has developed this group into a methodical machine. Having been together in Marshall's system since their first-year, where many players received significant playing time, their familiarity with each other



PHOTO: IAN MACALPINE

After missing the postseason last year, the Queen's Gaels are aiming for a return to the OUA playoffs. The Gaels opened their season on Saturday, Aug. 26 at Richardson Stadium against the Carleton Ravens.

will mean big trouble for opposing offences in the league. Queen's will look to improve on last season where they ranked third in the OUA in sacks, yards allowed per game, defensive touchdowns and were fourth in interceptions.

Offensively, the tricolour has to deal with minimal losses as well,

as their core offensive pieces are back for another campaign. Quarterback Nate Hobbs will be under centre for his fourth season as a Gael along with veteran Jonah Pataki in the backfield once again. The Gaels offensive line sees the return of Daniel Hayes who had a brief stint with the CFL's Ottawa

Redblacks before rejoining the Gaels. Keep an eye on third-year receiver Chris Osei-Kusi as he looks to build on a strong 2016.

"We definitely want to be in the playoffs and we want to be in the hunt," says head coach Pat Sheahan. "We're in a tough conference and have a tough season ahead of us but we think with a little bit of growth and commitment, we should be there. If we can stay away from injuries it should be a pretty good defensive unit. We've played some great games and are showing signs of maturation. After a bad play if we can gather ourselves and get back to stopping the opponent then this should be a good year for the defence.

The Gaels opened their season on Saturday, Aug. 26 at Richardson Stadium against the Carleton Ravens. Their next home game is Saturday, Sept. 16 against the Laurier Golden Hawks.

Visit gogaelsgo.com for schedule and ticketing information.

fittips

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.

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