

the gazette

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CAMPUS COMES TO LIFE



PHOTO BY DRONE KINGSTON

With the 2018-19 academic year about to begin, Queen's University is once again becoming a busy place. As a new crop of 4,500 undergraduate students arrives on campus to start their studies, returning students, faculty, and staff will find many changes this term – including to the schedule. See pages 4 and 5 for more details.



QUEEN'S READS

Queen's Reads is an annual common reading program which seeks to engage the university community in dialogue. This year's book, *Scarborough* by Catherine Hernandez, is being distributed and is available for pick-up.

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**QUEEN'S UNIVERSITY VICE-PRINCIPAL
(UNIVERSITY RELATIONS)**

Michael Fraser

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Queen's
UNIVERSITY

Executive leadership team sees a number of changes

BY COMMUNICATIONS STAFF

A number of changes to the executive leadership team at Queen's University took place this summer, as July 1 marked the start of several new appointments.

Following announcements earlier this year, two new leaders are joining Queen's, while two familiar and experienced leaders at the university are moving into new roles.

Tom Harris
Interim Provost and Vice-Principal (Academic)

Tom Harris recently completed eight and a half years as vice-principal (Advancement). He succeeds Benoit-Antoine Bacon, now president and vice-chancellor of Carleton University. Dr. Harris will oversee the progress of the university's strategic priorities, including enhancing indigeneity, diversity and inclusion on campus, supporting the hiring of 200 new faculty over five years as part of faculty renewal, implementing our internationalization strategy, promoting research and innovation, and completing Mitchell Hall – the Innovation and Wellness Centre. Dr. Harris is a professor in the Department of Chemical Engineering.

Fahim Quadir
Vice-Provost and Dean of the School of Graduate Studies

Fahim Quadir begins his five-year term fresh from York University, where he worked as the interim dean and associate vice-president in the Faculty of Graduate Studies and as a professor of Development Studies and



There have been a number of changes to the executive team at Queen's University and July 1 marked the beginning of four appointments. Clockwise from top left: Karen Bertrand, Vice-Principal (Advancement); Tom Harris, Interim Provost and Vice-Principal (Academic); Fahim Quadir, Vice-Provost and Dean of the School of Graduate Studies; Kimberly Woodhouse, Interim Vice-Principal (Research).

Social Science. Dr. Quadir will provide strategic direction, academic planning leadership, and administrative oversight to the School of Graduate Studies to achieve the highest possible standards in graduate education and research.

Kimberly Woodhouse
Interim Vice-Principal (Research)

Kimberly Woodhouse brings

with her a decade of deanship and experience in the Faculty of Engineering and Applied Science, as well as as a professor to her new role. She is a professional engineer, has extensive experience in the private sector as well as with the Canadian granting councils. Succeeding John Fisher, Dr. Woodhouse will provide leadership to the broader research portfolio and clarify the growing relationship

between research and innovation at Queen's and the resources required to support it.

Karen Bertrand
Vice-Principal (Advancement)

Karen Bertrand brings her successful track record as associate vice-president, Major Gift Advancement, from the University of Guelph. Succeeding Dr. Harris in the role, she will continue the close relationship between Queen's and alumni, donors, and friends to ensure that the university remains a premier destination for students and faculty, both across Canada and internationally.

"On behalf of the Queen's community, I'd like to welcome each new member to the executive team, and Dr. Harris to his new role. I'm looking forward to the work we will be doing together to achieve the university's top strategic priorities and build on the significant momentum already underway," says Principal Daniel Woolf. "Good things are happening at Queen's. Our enrollment numbers are impressive, we have the highest undergraduate graduation rate in the country, our faculty renewal initiative is in full swing, we have renewed energy and enthusiasm around research and innovation, we are delivering financially sustainable budgets each year, and we have record-breaking donor support through the recent 10-year Initiative Campaign."

For more information on the overall leadership team, visit the Queen's administration and governance web page (queensu.ca/about/administration).

Search for next principal passes critical milestone

BY COMMUNICATIONS STAFF

The search committee charged with recommending the next principal of Queen's will soon be selecting the top candidates to interview for the position.

Over the past few months, the executive recruiting firm assisting with the search has carried out a national and international outreach campaign, attracting candidates from across Canada and from several international locations.

"We are delighted to share the news that we have had a very strong response to our high profile recruitment efforts," says

Chancellor Jim Leech. "The candidates who have expressed serious interest in the position come from a range of diverse backgrounds with impressive experiences in education and research."

Over the summer, the Joint Board-Senate Principal Search Committee is working with the search firm Perrett Laver to reduce this strong field of candidates to a shortlist that will be interviewed in September and October. The committee is working toward recommending a candidate to the Board of Trustees by December.

"Candidates know that good things are happening at Queen's.

The next principal will be joining an ambitious university that is proud to deliver Canada's definitive university experience, thanks to an unmatched mix of teaching, research, and community," says Chancellor Leech. "The next principal will be leading an experienced and enthusiastic leadership team that is aiming to deliver more progress on the university's strategic priorities, including: student experience; faculty renewal; diversity, inclusivity, and reconciliation; enhanced research; internationalization; and ensuring financial sustainability."

The search for the next principal began in January following

Principal Daniel Woolf's announcement that he would not be seeking a third term. His current term concludes on June 30, 2019.

The Joint Board-Senate Principal Search Committee is composed of nine members of the Board of Trustees and nine members of the Senate and is chaired by the Chancellor. The committee's membership was recently updated with new student and faculty senator representation.

Kanonhsyonne Janice Hill, Director of Indigenous Initiatives, and Stephanie Simpson, Executive Director of the Equity and Human Rights Office, are also committee members serving as advisors.

Introducing new faculty: Lindsay Fitzpatrick

This profile is part of a series highlighting some of the new faculty members who have recently joined the Queen's community. The university is currently in the midst of the principal's faculty renewal plans, which will see 200 new faculty members hired over five years.

Lindsay Fitzpatrick (Chemical Engineering) sat down with the *Gazette* to talk about her experience so far. Dr. Fitzpatrick is an assistant professor.

BY PHIL GAUDREAU, SENIOR COMMUNICATIONS OFFICER

How did you decide to become an engineer?

In high school, I really enjoyed calculus and science courses, like physics, chemistry and biology. Engineering seemed like the best fit for my interests, and I liked that I would have a professional degree at the end.

I started out in general engineering at McMaster and it just so happened that the first year they offered their chemical engineering and biosciences degree was the year that I was choosing my discipline. I was really interested in health sciences and how cells worked, so the chemical engineering approach to biomedical engineering seemed like a good fit and I decided to apply. I have loved it ever since I started.

The summer after my second year, I was lucky to start working in Heather Sheardown's biomaterials lab at McMaster as a summer student and continued from there.

I have always been a bit oblivious to the 'expectations' or stereotypes placed on women, so I never saw going into a field like engineering as a boundary for me. My parents were always supportive of me doing whatever I wanted, and I didn't know any engineers, so I had no idea that it was a field that girls typically didn't go into. If I had, it probably would have just encouraged me further; I don't really like being told that I can't do something. I also had great role models in high school; all my calculus and science teachers (except



Lindsay Fitzpatrick is a faculty member in the Department of Chemical Engineering. Her research focus is at the intersection of immunology and biomaterials research.

physics) were women.

Why did you decide to teach?

I have always enjoyed teaching and learning, and it is very rewarding to teach bright and enthusiastic students like the ones we have here at Queen's. Working with our graduate and undergraduate students helps keep me motivated and enthusiastic as well.

It also forces you to stay on top of your game and stay current with information that is a bit outside of your specific research discipline. Now that I have a few years under my belt, I have also really enjoyed watching my former students and trainees mature and go on to do such exciting things.

How are you enjoying being at Queen's?

Queen's has been a wonderful environment for a new professor and I have had a great experience so far. Starting out as an assistant professor is a pretty exciting but also daunting experience; there's just so much you don't know from teaching your first class to hiring your first student and setting up a lab. I've been very fortunate that my department is quite supportive and full of people who are there to

help and want you to succeed.

I have been at Queen's for just over four years now, although I've just come back from a maternity leave. My husband and I have really enjoyed living in Kingston – it has such a vibrant downtown, it is affordable, and is just a lovely place to live. Now that we have a baby, we are also recognizing all the benefits that Kingston offers for young families too.

Tell us a bit about your research.

My research focus is at the intersection of immunology and biomaterials research. We study how the cells of our immune system recognize and respond to implanted materials, like those you would use to construct a glucose sensor, pacemaker, or drug delivery system, and develop strategies for controlling the host response.

When any material is implanted, the cells of our immune system recognize that the material is foreign and try to remove it through an inflammatory response called the foreign body reaction. This term describes a series of events that ultimately results in the implant being encased in abnormal fibrous tissue, sort of like a scar forming around the implant.

For some applications this isn't an issue, but many emerging biomedical technologies, like insulin infusion, glucose sensors, and neurostimulation probes rely on integration with healthy, normal tissue. Fibrous encapsulation of an implant, and the inflammatory response that precedes it, can limit the lifespan of devices, or cause them to fail prematurely.

We recently published our first paper in this area, which was re-

ally exciting. In it, we showed that when a material is implanted, danger signals that are released from damaged tissue and cells can adsorb on the material surface and activate responding immune cells via a receptor called Toll-like receptor 2.

By inhibiting this receptor's signaling pathway, we were able to reduce the cells' inflammatory response. However, this was all done using cells cultured in our lab, so we need to do more research to determine if this pathway plays a critical role in the foreign body reaction in living organisms.

My second research stream is a bit more out there in terms of biomaterials research. We are looking at developing a new model system for looking at material cell interactions that uses zebrafish embryos as a model organism. By taking advantage of the optical transparency of zebrafish and reporter strains that have fluorescently-tagged cells or proteins, we can watch cell-material interactions in real time using fluorescence microscopy. However, zebrafish are really small, so we're having to figure out how to implant materials in them in a reproducible and predictable way.

The idea is that we could then screen lots of different materials to give us a better fundamental understanding of what types of material properties trigger different types of responses, resulting in better material design.

It sounds like your work marries many different disciplines.

My training has allowed me to bridge different areas, primarily immunology and materials science. I am trying to build more

Fast Facts about Dr. Fitzpatrick

Department: Chemical Engineering

Hometown: Timmins, Ontario

Alma mater: Georgia Institute of Technology (Post-doctorate), University of Toronto (Chemical engineering)

Research area: Biomedical and biomaterials engineering

Hobbies: Cycling, triathlon, soccer, volleyball

collaborations with polymer scientists and immunologists here at Queen's and eventually clinicians who work with patient populations that use implanted biomedical devices, like glucose sensors.

What do you do for fun?

My husband's family has a cottage near Bancroft, so we try to get up there as much as possible in the summer.

We all enjoy cycling and I was just getting into triathlons when I got pregnant with my first child, which put a stop to that for now... although my husband just did his first half-ironman, so my daughter and I are becoming avid triathlon fans.

In the winter, I love to snowboard and cross-country ski. I used to play soccer and volleyball, but don't seem to have the time anymore. Mostly, my free time is dedicated to playing with my daughter, Norah. She's just turned one and is a wonderful and busy little girl!

I'm a total bookworm too. I grew up on *The Lord of the Rings*, so I have a definite soft spot for epic fantasy sagas like *Malazan Book of the Fallen* by Steven Erikson, and have just been reading *The Fionavar Tapestry* by Guy Gavriel Kay. It's a bit of a guilty pleasure.

• • •

Faculty Renewal

Principal Daniel Woolf has identified faculty renewal as a high priority for reinvestment by the university in support of the academic mission. The five-year renewal plan will see 200 new faculty hired, which nearly doubles the hiring pace of the past six years.

Faculty renewal supports Queen's commitment to diversity and inclusion by giving the university the opportunity to seek, proactively, representation from equity-seeking groups such as women, people with disabilities, Indigenous Peoples, and racialized individuals. It will also build on Queen's current areas of research strength.

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Queen's Reads book for 2018-19 unveiled

BY PHIL GAUDREAU, SENIOR COMMUNICATIONS OFFICER

This year's Queen's Reads book will take the university community to a place that may be familiar for some, and may challenge students, faculty, and staff to look at it through different eyes.

Scarborough by Catherine Hernandez tells the interconnected stories of members of a culturally diverse Scarborough neighbourhood, including recent immigrants, Indigenous Peoples, single parents, and children.

Queen's Reads is an annual common reading program which seeks to engage the university community in dialogue. Every year, a selection committee comprising students, staff, and faculty members aims to choose a book by a Canadian author which covers themes that are part of ongoing conversations on campus, will engage students, and are topical in the broader Canadian context. Last year, the committee chose *The Break* by Indigenous author Katherena Vermette.

After evaluating a number of options, *Scarborough* was chosen as this year's book. With the selection made, the Student Experience Office in the Division of Student Affairs coordinates the year-long programming. And Woo Kim, Manager of the Student Experience Office, says they have a lot planned.

"We encourage everyone to take advantage of these opportunities, even if you've only read a



Volunteers prepare copies of *Scarborough* for distribution during the Queen's Reads campaign.

page – part of the campaign is about reading the book, and part of it is engaging on the topics and themes," says Ms. Kim.

The Student Experience Office will be giving away 5,000 copies of the book to students, faculty, and staff, with the majority of copies being distributed in the first weeks of the fall term.

In addition, the team has plenty of activities planned throughout the year. There is a documentary screening and panel discussion planned for the fall, an author event with Ms. Hernandez in November, and discussion groups taking place throughout the fall and winter.

There will also be designated

'Reading Nooks' – physical locations across campus where the university community will be encouraged to read together – and regular blog posts on the Student Experience Office website from members of the Queen's community writing about the book, the topics and themes, and their love of reading.

And if you cannot make it to the groups or events, you can always organize your own – like one group of staff did as part of last year's program.

In addition to her book's selection for this year's edition of the Queen's Reads program, Ms. Hernandez will also be the Writer-in-Residence for the Department of

English for the fall term, focusing on creative writing. The residency is funded through the Queen's Research Opportunities Funds - Arts Fund – Visiting Artist in Residence, as well as the Canada Council for the Arts.

As part of this residency, she will be working on her next novel, *Crosshairs*, and organizing workshops and healing circles around LGBTQ2s and racialized communities at Queen's University, and within the larger Kingston community.

"*Crosshairs* is a difficult novel to write because it means engaging in difficult discussions around race, religion, and identity," she says. "With the support of

Queen's, I look forward to digging deeper into the questions, 'What price do we pay by being passive in the face of white supremacy? And what price do we pay for fighting back?'"

There will be a welcome event for Ms. Hernandez on Friday, Sept. 21 at 2:30 pm in Watson Hall Room 517, which the Queen's community and general public are welcome to attend.

Those seeking a copy of *Scarborough* should keep an eye out for the Queen's Reads booth at the ASUS Sidewalk Sale, Queen's in the Park, and pop-up shops at Union and University (U&U) events during Orientation Week.

The book will also be available to students at the AMS offices and the Student Experience Office in the John Deutsch University Centre, Stauffer Library, Duncan McArthur Hall, residences, and the Four Directions Aboriginal Student Centre. In addition, distance education advisors will be mailing free copies of the book to their students.

Some advanced copies have been distributed to offices on campus; staff and faculty are encouraged to share these copies within their offices.

Anyone requiring an accessible format copy of the book is asked to contact the Adaptive Technology Centre at adaptive.technology@queensu.ca.

Learn more about Queen's Reads on the Student Experience Office website (queensu.ca/studentexperience/queensreads).

Move-In Day moved to Saturday, Sept. 1

BY PHIL GAUDREAU, SENIOR COMMUNICATIONS OFFICER

Saturday, Sept. 1 will be an exciting and busy day in Kingston, as over 4,500 first-year students move into their new homes in Queen's University residences. This is a change from previous years when move-in was Sunday. The change is designed to help accommodate the introduction of a new Fall Term Break for students.

Move-In Day is a big part of the transition to university life for incoming students. Over 95 per cent of first-year students choose to live in residence, and the activities planned for Move-In Day help ensure a welcoming experience for students and their families and supports. To make these activities happen, hundreds of volunteers will be on hand to help with everything from providing direc-

tions, to helping to move luggage, to answering student and family questions.

Along with moving in their belongings, students participate in their first residence community meeting, eat dinner together, and take part in a welcome celebration with all first-year students.

With so many students arriving on campus and using the downtown streets around Queen's, it is critical that the Move-In Day process is carefully coordinated. A working group of representatives from the university, the City of Kingston, and Kingston Police have been meeting for months to carefully plan out traffic flow, transit routes, and communications to all stakeholders. In keeping with previous years, there will be road closures, parking restrictions, and other traffic changes around campus

leading up to and during Move-in Day.

"We are excited to welcome new and returning students to Queen's and to Kingston," says Ann Tierney, Vice-Provost and Dean of Student Affairs. "We are working closely with our partners to make the residence move-in process as efficient as possible and to minimize any disruptions to the Kingston community."

There have been some changes to the Orientation Week schedule to accommodate a two-day Fall Term Break in October. These changes stemmed from the recommendations of the Fall Term Break Task Force, which was formed by Senate and issued its final report in 2017.

Following Move-In Day on Saturday, Sept. 1, and University Orientation activities, including the Gaels football home opener on

Sunday Sept. 2, faculty orientation activities run Monday through Wednesday. Classes start on Thursday, Sept. 6, and orientation activities will continue with faculty events on Saturday, Sept. 8, and campus events on Sunday, Sept. 9.

The new move-in date and the Orientation Week schedule have been communicated to students,

city partners, campus neighbours, and the broader Kingston community. For the most up-to-date information on Move-in Day, visit the Queen's Residence website (residences.housing.queensu.ca/), and for information about orientation activities, visit the university's Orientation website (queensu.ca/orientation/).

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Leading, including and transforming

Enhancing student leadership training for orientation was a recommendation of the Undergraduate Orientation Review Working Group.

BY PHIL GAUDREAU, SENIOR COMMUNICATIONS OFFICER

A dozen Queen's students are now ready to train 1,300 of their peers on the effective ways to create an inclusive environment during orientation.

These 12 students were selected and trained as 'peer facilitators,' a new role created to help improve the experience of this year's undergraduate orientation.

In this role, they will be responsible for delivering a 90-minute workshop to orientation leaders in August called Leading, Including and Transforming (LIT). The training was jointly developed by the Division of Student Affairs and the Equity and Human Rights Office.

Enhancing student leadership training for orientation was a recommendation of the Undergraduate Orientation Review Working Group – and that review of Orientation Week stemmed from a recommendation of the Principal's Implementation Committee on Racism, Diversity, and Inclusion (PICRDI).

"This initiative will help us strengthen the student transition experience by creating a common understanding of what a respectful and welcoming and accessible orientation program would look like for a diversity of students. It will help to foster, for all members of the incoming class, a sense of belonging at Queen's," says Corinna Fitzgerald, Assistant Dean, Student Life and Learning. "We are proud of the inclusive living and learning environment here at Queen's, and we are committed to continuous improve-



Myriam-Morenike Djossou (Artsci'18) and Ramna Safeer (Artsci'18) are among those involved in delivering some key inclusivity training to student Orientation leaders this fall.

ment through initiatives such as this one."

The agenda for the two-day training session included learning the presentation, practicing the presentation, a session on presentation skills, and a session for facilitators on self-care delivered by the cultural counsellor. Having students serve as facilitators was a deliberate choice, according to organizers.

Coordinating the weekend session was Ramna Safeer (Artsci'18), Student Life Assistant with Student Affairs and past Social Issues Commissioner for the Alma Mater Society.

"I thought it was a great opportunity for student leaders to learn tangible skills for dealing with difficult conversations in contexts that are specific to them," she says. "With my own experience, I

am really passionate about the fact that all students are leaders in some capacity, which means every student should feel like they are agents in making their environments more inclusive and accessible. I feel honoured to be a part of an exciting new initiative that furthers the conversations about accessible, hands-on equity training that we're having right now."

Myriam-Morenike Djossou

"With my own experience, I am really passionate about the fact that all students are leaders in some capacity, which means every student should feel like they are agents in making their environments more inclusive and accessible. I feel honoured to be a part of an exciting new initiative that furthers the conversations about accessible, hands-on equity training that we're having right now."

– Ramna Safeer

(Artsci'18), one of the facilitators, believes delivering this training will help orientation leaders understand the opportunity they have to help build an environment at Queen's that is welcoming for everyone.

"Even though Queen's is a big institution, and sometimes it can be hard to see how each of us, as individuals, have the ability to influence what happens on campus, there are in fact many ways through which we can shape the Queen's experience and culture," she says. "By reflecting and thinking critically on the activities we engage in, and what we witness, by knowing how to safely intervene when it is necessary, and by fostering inclusiveness in our daily lives, we have that ability to make a difference. It may not always be on a large scale, but that may make an important difference for one student, and that is already a win."

The 1,300 orientation leaders will be trained on Thursday, Aug. 30 just ahead of Orientation Week.

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view point

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

Being who you are, inside and out

The following column written by Erin LeBlanc, Director, Strategic Program Development & Accreditation at Smith School of Business and Queen's alumnae, discusses themes of identity, authentic self, and belonging. It was first published on the Together We Are blog (queensu.ca/connect/equity/).

BY ERIN LEBLANC

If I can't be me, who am I supposed to be?

This is a question that I hear time and time again in conversations with transgender people. Some people may be perplexed



by this statement in that they don't understand why there is such a great deal of stress for those who suffer from gender dysphoria.

They don't understand why there is any issue with someone being transgender.

Good for them. They get it.

They are enlightened.

However, if you don't suffer with gender dysphoria, it is hard to appreciate what it is like.

People in the LGBTQ+, in particular the transgender community, are, for the most part, terrified of how they will be treated if and when they come out. Because society isn't as welcoming as some people think, or hope. There is still a great lack of understanding and compassion out there. There are numerous examples of transgender people losing their jobs, being evicted from their accommodations, and being disowned from their families. Essentially, they are disenfranchised from society.

And for what? All they want to do is live their lives. Do their jobs. Contribute to the community. But society stills feels threatened by transgender people.

Why?

Usually, it is from a lack of understanding about what it means to be transgender, to suffer from gender dysphoria. With some education, they start to be more accepting and can, in many instances, become allies. But many people out there in society still harbor resentment and a sense of

confusion, or even disdain, for transpeople.

They refuse to be exposed to any type of information about what it means. How many times have I heard people refer to being transgender as a lifestyle choice.

A choice? Seriously?

Ask anyone in the community. The last thing I would ever wish upon anyone is to have gender dysphoria. It is something you are born with. There is no choice. Gender is separate from the sex you are assigned at birth based upon a physical attribute. Gender is who you are in your heart and soul and mind. And that too is assigned at birth.

Who would choose to not be congruent in your inner and outer being?

To look in the mirror every single day and not recognize who is looking back at you. To suffer from the depression and anxiety attacks that accompany the dysphoria. To be out of control of your life. To simply be a passenger on the bus that is your life, with no real control over where the bus is taking you. That is frightening and at times debilitating.

A choice? Not even close.

Think of it this way. You have a

can with a label on it that reads "peas" along with a picture etc. But inside the can, it is actually peaches. On the inside, it is peaches, but to the outside world it is peas. Nowhere near close to being congruent. We can't change the peaches to peas. Not going to happen. That's what they are, on the inside. Peaches.

But we can change the label.

That's on the outside and that can be changed. So, we change the label. We have congruency. Now, people see a can of peaches and guess what. That is what it really is on the inside. All transpeople want is to have the outside match who they are on the inside. To present in the gender they were born with. For some this means surgeries. In some instances, numerous surgeries. For others, it means simply having their external presentation in the clothes they wear, and the way the cut or style their hair etc., match their gender. This provides them with a sense of congruency and hence peace with who they really are.

We are fortunate to live in a country that offers protections by federal and provincial legislation. For many employers, there are official company policies regarding

the protection of transgender people from discrimination and humiliation. And that's great.

But the work is not done. We can't take our foot off the gas. There is still a lot that has to be done. Policies are great. But without the processes in place to back them up and implement them, they mean nothing.

Organizations have to look at all the processes they have when hiring, promoting and training their staff to ensure there is understanding and awareness of these policies. More importantly, how it impacts their jobs so they know what to do when a transgender person is asking for assistance or simply wishing to purchase their goods and services. This means front line staff must be trained on what it means to be part of a positive space. To accept all people as equal, to treat everyone with dignity and respect regardless of their gender, race, religion, nationality etc.

Look, all the community wants is to live their lives, do their jobs and contribute to the community.

To live, love and laugh, just like everyone else.

That shouldn't be that hard to accept. It's not too much to ask.

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

A Canadian theatre pioneer, feminist, and teacher

Kim Loretta Maria Renders was born in Toronto on Jan. 14, 1955, to Yolande and Jo Renders. She was the older sister of Micky and Peter Renders. She graduated from the University of Ottawa with a B.A. in drama in 1977.

She married her life partner, Robert Lindsay, at the Tarragon Theatre in Toronto in 1987. They later had two children, Finn and Jill Lindsay.

A pioneer in the Canadian theatre scene and a professor in the Dan School of Drama and Music since 2006, Kim passed away on July 17, 2018 in Kingston.

Kim was a founding member of Nightwood Theatre, the oldest professional feminist theatre company in Canada. She was also the artistic director of Chipped Off Performance Collective, a company that collaborates with local artists and community groups to create original performances that speak to the needs and concerns of Kingstonians. She also managed the youth acting troupe, Barefoot Players. She also directed works at Theatre Direct, Factory



Theatre, Tarragon Theatre, and Nightwood Theatre in Toronto.

Some of her acting credits include: *Goodnight Desdemona (Good Morning Juliet)* at the Belfry Theatre in Victoria and at the Manitoba Theatre Centre in Winnipeg, *Divided We Stand* at the Canadian Stage Company, *Desire for Necessary Angel* theatre company, *List of Lights* at LSPU Hall in St. John's, Newfoundland, *Flowers* at the Grand Theatre, London, and *Building Jerusalem* with Volcano Theatre in Toronto.

Kim's one-woman show *Motherhood Madness and the Shape of the Universe* has been performed

across Canada and Britain, and has been adapted for CBC Radio; and her other one-woman show *Waiting for Michelangelo* opened at the Baby Grand Studio in the Grand Theatre Kingston in April 2009.

For all her work, Kim was made an Honorary Member of the Association of Canadian Theatre Research.

In 2006, she joined the drama department (now the Dan School of Drama and Music) at Queen's as an assistant professor and received tenure and promotion to the rank of associate professor in 2012. She was cross-appointed to Gender Studies and Cultural Studies.

Kim gave her entire self to her teaching. She was devoted to her students' success, both in and out of the rehearsal studio. She mentored and advised young people beyond their university education and well into their professional careers. She taught a variety of courses, including acting, public speaking, puppetry, women in theatre, and theatrical design. For the Queen's drama program Kim

directed a number of major productions, including *Penelope Waits*, *If We Were Birds*, and a production of *Macbeth*, in which she cast female students in all roles – except for the three witches.

Kim was, in her own words, committed to creating new performances out of established texts, not to impose upon, or even adopt the existing text, but to use it for its inherent theatrical structure and as an inspirational jumping off point. Kim followed this philosophy in much of her work, creating unique and versatile productions that pushed boundaries, challenged audiences and refused to follow traditional conventions.

Kim was deeply dedicated to community theatre. Her productions were inclusive – inviting people from a range of backgrounds and experiences to contribute to her collective creations. She provided opportunities for people who might never otherwise have found themselves on stage. All were treated equally, from seasoned theatre professionals to first-time actors, which in

turn brought local communities together, and forged bonds between all walks of life.

Kim also found solace and joy in solitary art forms, including painting, carving, knitting, crocheting, and embroidery. Her favourite activities were swimming (skinny dipping when possible), camping, canoeing, spending time in nature, playing the ukulele, and, of course, taking down the patriarchy. During her final illness she regretted that she could no longer swim in Lake Ontario, go camping with Robert, travel to Nunavut, and, especially, work with her students in the rehearsal room.

Kim described herself as "an optimist misdiagnosed as a pessimist." She had an insatiable curiosity, and her fierce passion for making a difference was contagious.

Kim was, and forever will be, one of kind.

She will be remembered for her art, her fire and the impact she had on all that were lucky enough to have known her.

Queen's in the news

Highlights of Queen's experts in the media from Aug. 1-20

NEWSPAPERS

Ed Struzik (Energy & Environmental Policy) says in The Telegraph (UK) that what happens in the Arctic matters to the rest of the world; says in the New York Times that wildfires will continue to get worse, year by year, through a combination of climate change and human activity.

Gordon Boyd (Health Sciences, Critical Care Medicine Program) wrote for Le Soleil about neurological health in Intensive Care Units.

Meredith Chivers (Psychology) says in the Detroit Metro Times that it is difficult to say what is and isn't normal when it comes to the effects of hormonal contraception on women's sexual interest, as research has not specifically examined this question.

Barbara Martin (School of Policy Studies) says in The Hill Times that the Saudis may have been emboldened by the current tenor in international relations.

Art Cockfield (Law) wrote for the Globe and Mail about how Canada can use its tax system to compete with the US.

Warren Mabee (Geography and Planning, School of Policy Studies) says in an article on rural residents opposing the construction of power lines, published by the Kingston Whig-Standard, that while it would

cost more in up-front construction costs, burying the power lines would reduce maintenance costs by eliminating damage done by falling tree branches and ice buildup.

Robert Wolfe (School of Policy Studies) says in the National Post that Canada can't be seen in Washington as being a back door into the U.S. market.

David Gordon (Geography & Planning) says in the Globe and Mail that Canada's major cities' downtown areas may be full of new condo towers, but there is five times as much development on the suburban edges of each region.

Jeffrey Sloan (School of Medicine, Family Medicine) concluded in the Globe and Mail that the first doctor to be formally disciplined as a result of an Ontario-wide investigation into high-dose opioid prescribers, met the standards for his profession in only six of the 24 cases, and exposed 16 of the patients to risks of harm.

ONLINE

Ed Struzik's (Energy & Environmental Policy, School of Policy Studies) op-ed for The Conversation says Parks Canada needs to invest more in prescribed burning and forest management, and the federal

government needs to restore funding for the Canadian Forest Service; the piece was subsequently published in Maclean's, HuffPost, The Weather Network, and the National Post.

Arthur Cockfield (Law) says in The Lawyer's Daily that he doesn't think that the Personal Information Protection and Electronic Documents Act (PIPEDA) will be relevant to the Sidewalk Toronto plan as the company is constructing a community that will have some kind of user agreement for residents.

Lisa Carver's (Sociology, Health Sciences) piece for The Conversation about how health tracking technology may affect us in the future appeared in the National Post.

Tim Abray (Political Studies) says in iPolitics that the Ontario government should consider whether winning is worth the price of undermining confidence in the institutions that help keep democracy healthy.

Robert Wolfe (School of Policy Studies) told CBC Online that Canada knew going into the TPP trade deal that the price of entry was going to be doing something on dairy.

Sara Greco's (Political Studies) piece for The Conversation about how the US wields power abroad appeared in the London Free Press.

TELEVISION

John Andrew (School of Environmental Studies, Smith School of Business) spoke to CTV News about a Royal LePage study that looked at real estate decisions that baby boomers are expected to make over the next five years.

Robert Morrison (English Language and Literature) appeared on the CKWS Global Morning Show to discuss his latest piece for The Conversation on Neil Sedaka's 1975 song The Immigrant.

Robb Mackay (Dan School of Drama and Music) spoke to CKWS Global about Aretha Franklin's legacy following the singer's death.

RADIO

Kathy Brock (Political Studies, Smith School of Business, School of Policy Studies) spoke to CBC Radio's Fresh Air about the first month of Premier Doug Ford's new government.

Jacalyn Duffin (History, Philosophy, Education, Health Sciences) spoke to CBC Radio's The Current about practical solutions to the ongoing EpiPen shortage in Canada.

Ed Struzik (Energy & Environmental Policy, School of Policy Stud-

ies) says firefighters need to be given new tools to deal with bigger and more frequent wildfires, on The Jill Bennet Show on KKNW-Vancouver.

Tim Abray (Political Studies) spoke to CBC Radio's Ontario Morning about the Ontario Progressive Conservative Party starting Ontario News Now - the party's own 'news' channel.

Kathleen Lahey (Gender Studies, Law) spoke to CBC Radio's Ontario Morning about a Canadian Press report that women are falling further behind in corporate leadership roles.

MAGAZINE

Nicholas Bala (Law) says in Canadian Lawyer that if we want to change the practice and culture of family law to focus on less adversarial disputes, then it's important to recognize the harm of conflict on children and to place the focus on their needs, rather than the rights of parents.

David Freedman (Law) says in Canadian Lawyer that the Informal Public Appeals Act fills in legal gaps highlighted by online crowdfunding, but the problems it confronts have been around since much before the technology existed.



Meeting the challenge on digital records

BY ANDREW CARROLL,
GAZETTE EDITOR

In any university environment, records and data are fundamental. From admission and course administration documents to day-to-day administrative and transactional data, huge amounts of records are being created on a daily basis. Increasingly, those records are digital and a system for managing those digital records is essential.

The benefits of system adoption include facilitating moving from paper to digital methods of business, improving business efficiency and productivity, providing security, accountability and compliance, and improving record keeping capabilities, resulting in better service to the university community.

QDocs utilizes Perceptive, a software application that manages a wide range of files, including email, Word and Excel documents, as well as images and scanned documents. The system

also enables workflow, version control and audit functionality, automating business processes and approvals.

Perceptive was purchased several years ago and developed successfully by the Faculty of Education and more recently by the Faculty of Law for admission applications processing. However, greater uptake was hindered by the requirement for units to commit their own resources to develop the tool for their own purposes. Now, central funding is being secured to position QDocs as an enterprise offering, pending the successful outcome of three pilot projects. One of those pilot projects is the automating of the legal contracts review process in the Office of the University Secretary and Legal Counsel.

"QDocs means that contracts are managed every step of the way - from the time someone sends me a contract to review until edits are made and the contract is signed off," says Lisa Newton, Queen's Legal Counsel, one of the

early adopters of QDocs. "Being able to share documents electronically results in time savings and ensures that the latest version is always available."

Using the new contracts management system is simple.

Users complete an electronic form through the Legal Counsel website and upload the relevant documents. QDocs then stores all the records securely. It also ensures that the latest versions of the documents are instantly accessible to all involved in the process. At the same time, the system manages the workflow, review, and approval processes, while notifications are provided if and when further action is required and when the process is completed.

Two other pilot projects are currently underway in the Faculty of Engineering and Applied Science and the Office of the AVP International. Once the pilot projects are complete later in the year, the goal is to expand the use of QDocs across the university. A process will be put in place to review and

prioritize projects.

"Demand for the use of QDocs continues to grow as units across the university face the challenge of managing large quantities of digital documentation," says Carolyn Heald, Director, University Records Management and Chief Privacy Officer. "As more users come on board and are trained on QDocs, the entire recordkeeping process at the university will vastly improve, meeting the standards and expectations of a 21st century post-secondary institution."

Importantly, QDocs also provides automated records retention and disposal, allowing users to apply authorized retention policies, and ensuring information is readily available for Freedom of Information and Protection of Privacy Act (FIPPA) compliance and legal discovery.

Faculties and departments considering implementing QDocs should first explore their current information management environment (which will help to deter-

mine if the office is ready for the system), where it will fit into the information architecture, and what needs to be done to plan for it. Other considerations include identifying what integrations may be required between QDocs and other business systems, what the opportunities are for workflow or process re-engineering, and what the particular requirements are for such things as security and access, depending upon the type of information being managed.

QDocs is being offered by the Records Management and Privacy Office with long-term technical support provided internally through IT Services. IT Services staff will facilitate the implementation of new business processes into the system, will host and maintain the system software and infrastructure, and will resolve technical issues for system users.

For further information on QDocs, contact Jordan Phoenix, Records Manager at jordan.phoenix@queensu.ca or 613-533-6000 ext. 74250.



UNIVERSITY COMMUNICATIONS



Construction teams have been busy throughout the summer with more than 50 deferred maintenance, renovation, and revitalization projects across campus. Clockwise from top left: Windows are installed at Mitchell Hall; Ston restoration work continues on the exterior of Nicol Hall; The stairs at the main entrance of Jackson Hall are refurbished; Before being renovated, a classroom in Ellis Hall is gutted.



Construction keeps campus busy

Physical Plant Services to finish more than 50 deferred maintenance, renovation, and revitalization projects this summer.

BY COMMUNICATIONS STAFF

With many in the Queen's community away from campus for the summer, Physical Plant Services (PPS) took the opportunity of clear weather and less foot traffic to tackle renovations, deferred maintenance, and revitalization projects.

The teams at PPS have more than 50 projects to finish before the start of classes. The work completed this summer contributes to the overall Queen's infrastructure strategy, aiming to address \$300 million worth of deferred maintenance in the next 10 to 12 years. These projects help modernize the campus with more sustainable

and accessible infrastructure.

Projects can include classroom renovations, office renovations, kitchen upgrades, washroom upgrades, safety additions, roof maintenance, sprinkler replacements, masonry improvements, heating and cooling upgrades, fire alarm system upgrades, and elevator maintenance/upgrades. Some of the larger recent projects across campus include:

- **ARC:** Administrative office renovations (second floor) and coach's office renovations
- **Ban Righ Centre:** Kitchen upgrade and elevator modernization
- **Chown Hall:** Elevator modernization

- **Biosciences Complex:** Minor laboratory renovations

- **Duncan McArthur Hall:** Gender neutral single user washrooms and classroom renovations (second and third floors)

- **Ellis Hall:** Room renovations (006, 008, 324, and 226) and washroom upgrades (second and third floors)

- **Goodes Hall:** Renovations to the Career Advancement Centre

- **Harkness Hall:** Supply and exhaust fan and heating system refurbishment

- **Jackson Hall:** Main entrance stair refurbishment

- **Watson Hall:** Roof repairs

- **MacDonald Hall:** Office and study area renovations and

air conditioning system installation

- **McLaughlin Hall:** New windows, improved entrances and ventilation, and renovated washrooms

- **Nicol Hall:** Stone restoration
- **Stuart Street Garage:** Sprinkler system replacement
- **Robert Sutherland Hall:** Room renovations (541, 542, 543, and 548)

PPS works with groups across campus to minimize the interruptions felt during renovation projects.

"Although many of the deferred maintenance projects do not result in visible changes to the campus, they are fundamental to

ensure that the campus remains safe and able to accommodate the needs of occupants, buildings are operating as efficiently as possible, and we continue to improve accessibility throughout the campus," says Carola Bloedorn, Director of Design and Construction with PPS. "For those inconvenienced as a result of these projects, we thank you for your understanding that sometimes there needs to be short-term pain for long-term gain."

To find out more about these projects and learn which projects are ongoing in August, visit the PPS interactive map (queensu.ca/pps/deferred-maintenance-summer-2018).

Breathing new life into Indigenous languages

BY PHIL GAUDREAU, SENIOR COMMUNICATIONS OFFICER

Queen's and Tsi Tyónnheht Onkwawén:na Language and Culture Centre played host to a historic meeting as six Indigenous nations met to help plan the future of their languages.

The three-day meeting and conference was part of a collaborative project between Tsi Tyónnheht Onkwawén:na and Queen's, which began this spring and was funded by Ontario's Ministry of Education Indigenous Languages Fund. Establishing this meeting and bringing together the Six Nations was a key milestone in the project's overarching goals of developing community-specific plans for language revitalization.

"It's a momentous event and a historical moment. It is the first time in our memories that members of all six language families are in one room talking about preserving our languages," says Kanonhsyonne (Janice Hill), Director of Indigenous Initiatives.

The representatives of the six language families included learners, academics, policy makers, administrators, and teachers. The six language families of the Haudenosaunee, also known as the Iroquois Confederacy, are the Mohawk, Oneida, Onondaga, Cayuga, Seneca, and Tuscarora. The word Rotinonhsyón:ni is the Mohawk word for Haudenosaunee, while Haudenosaunee is the agreed upon Iroquois Confederacy Council term.

The agenda for the conference included discussions around how to move language beyond the classroom and language legislation, building resources such as a teacher's association and online

resources, and opportunities for group discussions.

"Queen's is proud to be a partner on this project, which is enabling the revitalization of all of the six Rotinonhsyón:ni languages and meeting the calls to action in the national and Queen's Truth and Reconciliation (TRC) reports," says Gordon E. Smith, Vice-Dean (Faculty Relations) with the Faculty of Arts and Science. "We're excited about the Rotinonhsyón:ni Language Cooperative meeting happening here at Queen's, supporting Onkwewonwe/Rotinonhsyón:ni language family revitalization and uniting the work of these communities to share resources."

The collaboration between Queen's and Tsi Tyónnheht Onkwawén:na has already seen the creation of a Certificate in Mohawk Language, which will be delivered in Tyendinaga Mohawk Territory starting this month. Over the next two years, the project will also develop an indexed online archive of Mohawk language resources; and will research best practices for teaching, assessing, and evaluating Indigenous language learners.

"We have come to the table in the spirit of sharing," says Callie Hill, Director of Tsi Tyónnheht Onkwawén:na. "We are sharing knowledge, experiences, and resources for language revitalization and we are encouraging and supporting each other in revitalizing our languages".

Some next steps for Tsi Tyónnheht Onkwawén:na, the six Rotinonhsyón:ni/Haudenosaunee groups, and Queen's include the formation of four working groups to continue this work, as well as additional conferences.



UNIVERSITY COMMUNICATIONS

In April, an event was held at the Agnes Etherington Art Centre to mark the one year anniversary of the Queen's Truth and Reconciliation Commission task force report.

Leading reconciliation

BY PHIL GAUDREAU, SENIOR COMMUNICATIONS OFFICER

When the Queen's Truth and Reconciliation Commission task force report was issued in spring 2017, the report noted that everyone has a role to play in fostering reconciliation with Indigenous Peoples.

But it can be a challenge to coordinate and harness the energy and goodwill of a community as large as Queen's.

This is why Kanonhsyonne (Janice Hill), Director of the Office of Indigenous Initiatives, has announced the formation of a Truth and Reconciliation Roundtable – a pan-university group designed to support the university's reconciliation efforts.

"This group will serve as an important resource in fostering In-

digeneity and reconciliation within our campus," says Ms. Hill. "The roundtable will help us acknowledge our missteps, plan our next steps forward, and ultimately create a more welcoming environment for Indigenous Peoples at Queen's."

Under the guidance of Ms. Hill and Teri Shearer, Deputy Provost (Academic Operations and Inclusion), the roundtable will meet quarterly to:

- Assist the Office of Indigenous Initiatives and the deputy provost (Academic Operations and Inclusion) in the coordination of Queen's ongoing efforts to address the TRC calls to action;
- Monitor the progress of the TRCTF implementation by reviewing faculty progress reports;
- Encourage collaboration

across faculties, schools, units, and all departments;

- Identify initiatives that would benefit from additional funding; and
- Report issues, inefficiencies, and-or inconsistencies in the TRCTF implementation efforts to the TRC Roundtable for follow-up.

The Truth and Reconciliation Roundtable will work hand-in-hand with Ms. Hill's office, and with the University Council on Anti-Racism and Equity (UCARE), to achieve the unifying goal of creating a more inclusive campus community.

The group's first meeting will be held this September.

The inaugural membership and terms of reference can be found on the Provost's website (queensu.ca/provost).

NSERC grants promote research partnerships

BY ANNE CRAIG,
COMMUNICATIONS OFFICER

Four Queen's University researchers have been awarded Natural Sciences and Engineering Research Council (NSERC) Strategic Partnership Grants totaling over \$2 million in funding. Announced Friday, Aug. 10 by Kirsty Duncan, Minister of Science and Sport, these grants promote partnership between academic researchers and industry or government organizations. Funding will go to six networks and 80 projects from across the country with the goal to enhance Canada's economy, society, and environment within the next 10 years.

"The Strategic Partnership Grants facilitate and promote important collaborations for Queen's researchers and their partners," says Kimberly Woodhouse, Interim Vice-Principal (Research). "These collaborations are critical for the translation of basic research into the technologies, jobs, policies and services that benefit all Canadians."

Mohammad Zulkernine (School of Computing) \$535,500 – Dr. Zulkernine's research is creating a more secure environment for connected vehicles using the Cloud. In this project, he and his research team will propose countermeasures for attacks on connected vehicles by providing access control, availability, and privacy components. This research will play a major role in improving



New banners promoting research at Queen's have been placed on a number of buildings around campus, including Stauffer Library and Grant Hall.

the next generation of connected vehicles by providing useful information to drivers and vehicles, enabling them to make safer, faster, and more informed decisions. His co-investigator on the project was Hossam Hassanein.

Dr. Zulkernine's approach will position Canada as a leader in securing connected vehicles against increasingly sophisticated cyber-attacks and will train highly-qualified software engineers and network security engineers in techniques in automating modern connected vehicles.

Dr. Zulkernine is also co-applicant on another Strategic Partner-

ship Grant on a project that promises to enable 'Internet of Things' systems (that connect devices such as cellphones, appliances and vehicles to the Internet and to one another) to perform more effectively and at a lower cost.

Ian Moore (Civil Engineering) \$590,100 – Using new technologies developed to assist with pipeline rehabilitation, Dr. Moore and his research team are addressing knowledge gaps that exist as communities assess, rehabilitate, and replace water and sewer pipelines. The present knowledge gaps create challenges for consulting engineers advising on specific projects,

and significantly magnify the 'new technology' risks perceived by city engineers and others charged with public safety.

Unique buried pipe and polymer durability test facilities will allow Dr. Moore's industry partner and eight PhD students to undertake experimental work and analyses to study and address these challenges. The project outcomes can be incorporated into standards, practice guidelines, and specifications for use by industry partners and others. Drs. Richard Brachman and Neal Hoult worked with Dr. Moore on the project.

Kevin Mumford (Civil Engineering) \$537,475 – Dr. Mumford is studying gas migration in groundwater related to the extraction of natural gas from previously inaccessible formations (shale gas). Natural gas from deeper formations can move along damaged or inadequately sealed wells and enter shallower aquifers. This gas can then dissolve into the groundwater leading to chemical and biological reactions that reduce groundwater quality. Focused research is needed to better understand the factors influencing this gas migration and dissolution to develop best practices for risk management and monitoring for potential effects on groundwater quality.

A series of laboratory experiments will track gas flow and dissolution using high-resolution visual techniques as well as the analysis of gas and water samples.

Dr. Mumford will also use numerical models to simulate the experiments and to investigate larger-scale, longer-term field scenarios to develop monitoring strategies and establish a framework for risk assessment.

John Smol (Biology) \$520,000 – Dr. Smol and his research team will incorporate the use of forensic paleolimnology to determine the impact mink farming may be having on natural environments in Nova Scotia. Working with local stakeholders, Dr. Smol and his colleagues will use both established and newly-developed "fingerprinting" tools to determine the relative impacts from mink farms – nutrients, metals, and persistent organic pollutants – that may lead to algal blooms and overall deterioration of water quality, including potential loss of fish habitat and alteration of aquatic food webs.

The research will allow Dr. Smol to provide regulators and stakeholders with the critical information to determine management and potential additional mitigation policies needed to help resolve the polarized debate on the environmental impacts of mink farms. The techniques developed in this project will be readily exportable to other agricultural regions in Canada and elsewhere faced with water quality issues.

For more information on the Strategic Partnership Grants visit the website (nserc-crsng.gc.ca/Professors-Professeurs/RPP-PP/SPG-SPS_eng.asp).

grad studies

THESIS DEFENCES

Wednesday, Aug. 29

Veronica Allan, Kinesiology & Health Studies, 'From Knowledge to Action: Quality Participation and Coaching Effectiveness in Para-Sport'. Supervisors: J. Côté, A.E. Latimer-Cheung, 212 Kinesiology Bldg., 1:30 pm.

Wednesday, Aug. 29

Owen Ren, Mathematics & Statistics, 'Moduli Space of Vector Bundles on Toric Surfaces'. Supervisor: G.G. Smith, 521 Jeffrey Hall, 1 pm.

Wednesday, Aug. 29

Michael Takashi Clark, Physics, Engineering Physics and Astronomy, 'Cryogenic Alkali Halide Scintillators for Rare-Event Searches'. Supervisor: P. Di Stefano, 201 Stirling Hall, 9:30 am.

Thursday, Aug. 30

Andrew James Burnie, Chemistry, 'Rhodium-Catalyzed Cyclocarbonylation Reactions: Construction of Unsaturated Six-Membered Rings and Enantioselective Pauson-Khand-

Type Reactions of 1,6-Chloroenynes'. Supervisor: P.A. Evans, 300 Chernoff Hall, 2 pm.

Tuesday, Sept. 4

Samantha Dawson, Psychology, 'A Cognitive-Motivational Approach to Understanding Gendered Sexual Response: The Role of Attentional Mechanisms'. Supervisor: M. Chivers, 326 Humphrey Hall, 1 pm.

Tuesday, Sept. 4

Gentry Hanks, Geography, 'Are You High? Emotional geographies of everyday life with diabetes'. Supervisor: J. Schwartz, E314 Mac-Corry Hall, 11 am.

Tuesday, Sept. 4

Annie Sze Man Li, Psychology, 'The Use of Linguistic Context in Children With and Without an Autism Spectrum Disorder'. Supervisor: E.A. Kelley, 228 Humphrey Hall, 1 pm.

Tuesday, Sept. 4

Emma Paszat, Political Studies, 'Cross-Movement Coalitions and Sexuality Politics: How Activists Re-

sist Political Homophobias in East Africa'. Supervisors: M.J.H. Little, M. Epprecht, C326 Mac-Corry Hall, 2 pm.

Wednesday, Sept. 5

Alexander Lithopoulos, Kinesiology & Health Studies, 'Branding in the Promotion of Healthy Movement Behaviour'. Supervisor: A.E. Latimer-Cheung, 212 Kinesiology Bldg., 1 pm.

Friday, Sept. 7

Ioannis Vazaios, Geological Sciences & Geological Engineering, 'Modelling of Hard Rockmasses with Non-Persistent Joints to Assess the Stress Induced Damage of Deep Excavations'. Supervisors: N. Vlachopoulos, M.S. Diederichs, 527 Bruce Wing, 12:30 pm.

Friday, Sept. 7

Mingmin Zhang, Chemical Engineering, 'Design and Synthesis of Acrylic Dispersants for Non-Aqueous Dispersion Polymerization'. Supervisor: R.A. Hutchinson, 312 Dupuis Hall, 1 pm.

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Professor named to Royal Society

BY ANNE CRAIG,
COMMUNICATIONS OFFICER

Queen's professor John Smol (Biology) has joined elite company as he was named a Fellow of the Royal Society (London). Only two other Queen's professors have ever been named to Fellowship – Kerry Rowe (Civil Engineering), and Nobel Laureate Arthur McDonald (Physics, Engineering Physics & Astronomy).

Formed in 1660, Fellows of the Royal Society (FRS) include eminent scientists such as Charles Darwin, Albert Einstein, and Stephen Hawking, and it is the oldest scientific academy in continuous existence. Fellows are elected in recognition of their exceptional contributions in the fields of science, engineering and medicine. The mission of the Royal Society is to recognize, promote, and support excellence in science and to encourage the development and use of science for the benefit of humanity.

"An FRS is something I had known about since I was an undergraduate, largely reading about Darwin and other famous scientists, and the history behind the society," says Dr. Smol. "Of course, it never occurred to me that those letters would ever be behind my name. Just as I was honoured to be elected a Fellow of the Royal Society of Canada over 20 years ago, I am elated at being elected a Fellow of the Royal Society, and to be asked to sign the Charter Book that includes the signatures of people like Isaac Newton and Charles Darwin."

In 1991, Dr. Smol founded the Paleocological Environmental Assessment and Research Lab (PEARL), a group of about 40 students and other scientists dedicated to the study of long-term global environmental change. Much of his research deals with using lake sediments to study climate change, acidification, eutrophication, contaminant transport, and other environmental



John Smol stands in front of a painting of original Royal Society member Sir Isaac Newton after his official induction in London.

stressors. A significant portion of his research focuses on environmental change in the Arctic, where he has completed over three decades of fieldwork and data collection spanning the entire circumpolar region.

His research has played a key role in moving the study of paleolimnology from a largely-descriptive discipline to a quantitative and precise science, with a wide range of applications.

Part of his citation read during the induction ceremony emphasized "his tireless efforts in bringing his socially-important scientific conclusions on climatic and environmental change to public attention."

Dr. Smol has received more than 60 national and international research and teaching awards. These include the Royal Society of Canada's Miroslav Romanowski Medal for Environmental Science, Flavelle Medal for Biological Sciences, and, most recently, McNeil Medal for the Public Awareness of Science.

He is the first scientist since the establishment of the Royal Society of Canada (1882) to win three individual medals.



Queen's professor of computing Nick Graham (centre) with Kingston Health Sciences Centre collaborator Dawa Samdup (right), and Queen's pediatrics research assistant Helen Coe (left).

Staying healthy with video games

Children with autism test new 'exergaming' system that encourages fitness and friendship.

BY COMMUNICATIONS STAFF

A group of local families is helping a Queen's University and Kingston Health Sciences Centre research team study the effectiveness of a novel "exergaming" program – a technology that combines fitness and video gaming – to help improve physical activity and health in children with autism spectrum disorder (ASD).

Led by Dawa Samdup, a clinician-scientist with the KGH Research Institute and co-investigator Nick Graham, professor of computing at Queen's, the study involves five children aged 9-12, playing specially-designed "exergames" using a recumbent bicycle fitted with a tablet computer and gaming controller. For 45 minutes per day, three days a week for six weeks, participants will play at the same time from their own homes, and their usage of the system will be monitored in real-time by the research team.

"We originally developed this system, and a suite of exergames called Liberi, to promote better cardiovascular fitness in children with cerebral palsy, whose motor skills may have prevented them from operating commercially available exergames," says Dr. Graham of the EQUIS Lab in the School of Computing. "With this technology, players pedal to power an avatar, and the pedal-power necessary to propel a player's avatar in the game is customized for each of their own physical abilities."

A sensor in the bicycle relays pedaling speed information to a computer, which also captures



Members of Dr. Graham's lab, Neven Golubovich and Adrian Schneider, demonstrate the exergaming system.

heart rate information via an arm-mounted monitor. The research team then assesses the children before and after exergaming using the collected data. This data will then be used to design a larger study looking at exergaming and physical fitness in children with ASD who can experience similar motor challenges to children living with cerebral palsy.

"Children with ASD face numerous barriers to engaging in physical activity," says Dr. Samdup, of the KidsInclusive Centre for Child & Youth Development at KHSC's Hotel Dieu site. "Many have poor motor skills, and sensory and social impairments that lead to avoidance of team-based sports or other physical activity. Food choices, medications, and low levels of physical activity put children with ASD at risk of unhealthy weight. We know that there are higher rates of overweight and obesity in this

population, yet there's a surprising lack of proven strategies for promoting exercise and fitness in children with autism."

Children and families involved in this study will have the opportunity to make suggestions about how the games could be improved, as well as provide feedback as to how the project could be designed into a larger study, or even an innovative rehabilitation program for children with ASD that could be offered in schools, homes, and in clinics.

"These are tech-savvy kids, and these games enable them to get active while enjoying themselves," says Dr. Samdup. "It also gives them the option of playing with others, which helps them to find buddies and build social skills with peers with similar interests. It's a perfect fit."

The \$44,000 pilot study is being funded by the Southeastern Ontario Medical Association (SEAMO) Innovation Fund.



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In search of a national wildfire strategy

Fighting historic wildfires amid bad ideas and a lack of funding.

This article was originally published on The Conversation. Read the original article at theconversation.ca.



BY ED STRUZIK, SCHOOL OF POLICY STUDIES

Shortly after my book *Firestorm, How Wildfire Will Shape Our Future* was published in late 2017, I received a flurry of invitations to speak about the challenges of dealing with fires that are burning bigger, hotter, more often — and in increasingly unpredictable ways.

The invitations came from all over, from Los Angeles to Whitehorse in the Yukon and from Campbell River on Vancouver Island, to Portland, Me.

I had serious doubts that anyone in Whitehorse would come out to hear me speak on a Saturday night in the dead of winter when it was close to -30 C.

It turned out to be standing room only.

The invite came from a group of concerned citizens, business leaders and the Yukon Science Institute. The attendees included homeowners, firefighters, emergency response personnel and Yukon cabinet minister John Stricker, who is responsible for the wildfire management division.

The discussion that followed my talk was heated at times, but it led to an open and frank conversation on how this boreal forest community, and others like it, might deal with wildfires like the one that engulfed Fort McMurray, Alta., in 2016 and those that are burning big in British Columbia this summer.

Investing in the future

More and more Canadian communities are signing up for the very sensible Fire Smart program, which promotes a variety of preventative measures such as forest thinning and the use of fire-resistant building materials to reduce the impact of fire.

Vulnerable towns like Nelson, B.C., are on the right track in developing evacuation plans and encouraging people to keep enough food and water on hand to sustain them for 72 hours. First Nations communities in B.C. are working with scientists like Lori Daniels to make their communities and forest-management zones more re-



PHOTO BY MATT HOWARD

With an increasing number of forest fires across Canada, more and more communities are signing up for the Fire Smart program, which promotes a variety of preventative measures such as forest thinning and the use of fire-resistant building materials to reduce the impact of fire.

silient.

But there are also a lot of poorly thought-out proposals being made.

Some residents of Jasper are pressuring Parks Canada to clear-cut the forests around town to form a fire break to protect it.

Across North America, the logging industry is lobbying governments to salvage the healthy trees and the partially burned ones that remain in a burned-out area. The rationale in this case is that a dead or dying forest has little value other than boosting a local economy.

There is a significant role for the timber industry in managing wildfire in the future. But a growing number of studies show that clear-cutting a burned-out forest is not the answer.

Fire is a natural process that makes forests more resilient to drought, disease and future fires. And it's good for wildlife.

Woodpeckers, nighthawks and many species of owls thrive in burned-out areas. Elk and moose feed on the aspen shoots that rise up quickly after a fire. Grizzly bears and black bears benefit from the roots and berries that do well when a fire exposes the forest floor to sun and rain. Rivers and lakes tend to heat up in nasty ways when there are no trees to shade them and the cold-water fish they nurture.

There is also tendency to think that the best way of dealing with fire is to pour more money into traditional firefighting resources.

When I spoke at the University of California, Los Angeles in April, many people in the audience called for more water bombers and irrigation systems.

While this helps, it's not the whole answer. The only thing that is going to stop a big wind-driven fire that typically blows in from the east is the Pacific Ocean, Ralph M. Terrazas, the fire chief of the Los Angeles Fire Department, said during the question-and-answer session that followed.

Modern firefighting for modern wildfires

What firefighters like Terrazas and others need are new or improved tools such as unmanned aircraft, better fire-risk maps, real-time warning systems, smoke projections for active wildfires and computer models that predict where the next fire might strike.

This is being done by several scientists in Canada, including Mike Flannigan at the University of Alberta, David Martell at the University of Toronto and research scientists at the Canadian Forest Service.

The ranks of these researchers, however, are small, and the funding for wildfire science in Canada and the United States is miserly compared to the generous amounts that are allotted to disaster recovery. In 2016, for example, the federal government provided approximately \$300 million to Alberta to help Fort McMurray rebuild. More came from the province and Red Cross donations, which the federal govern-

ment matched. All told, more than \$600 million was spent fighting the fire.

This knowledge deficit and the shortage of new tried-and-true strategies are what is leading decision-makers and the public astray when it comes adapting to and responding to the new wildfire paradigm that is unfolding in our forests.

Building a national wildfire strategy

The fact that people want better wildfire management is a good thing.

What's needed is a national wildfire strategy such as the one proposed by the Canadian Council of Forest Ministers several years ago. Many of the best recommendations made in a report commissioned by the council haven't yet been implemented, including the need to invest in wildfire science.

What's needed is funding agencies such as the Natural Science and Engineering Research Council

What's needed is a national wildfire strategy such as the one proposed by the Canadian Council of Forest Ministers several years ago. Many of the best recommendations made in a report commissioned by the council haven't yet been implemented, including the need to invest in wildfire science.

to step in and identify wildfire as a priority issue for researchers.

What's needed is for the FireSmart program to be accelerated with more funding from the provinces and territories.

What's needed is for Parks Canada to invest more in prescribed burning and forest management

And finally, what's needed is for the federal government to restore funding for the Canadian Forest Service to at least 1990s levels, when it employed 2,200 people. CFS employs about 700 people now, and only about a dozen of those are wildfire scientists.

How can we expect to make progress on preventing catastrophic wildfires when we have a hotter and drier boreal forest than we had 30 years ago, and fewer fire scientists working to protect it?

Ed Struzik is a fellow of the Queen's Institute for Energy and Environmental Policy, School of Policy Studies.

This article was originally published on The Conversation, 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.

The Conversation is seeking new academic contributors. Researchers wishing to write articles should contact Melinda Knox, Associate Director, Research Profile and Initiatives, at knoxm@queensu.ca.

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events calendar

Thursday, Aug. 30, 9 am-Noon Open House: Community Researchers for Nursing Projects

Faculty in the School of Nursing are seeking community members who would like to be part of nursing research projects in the future. Community members would be involved in developing the proposal, analyzing data, interpreting results, and may be part of the writing team if they wish. Each community member would define what they would like to be involved in depending on their time availability and interest. The Open House is a drop-in event at the Catarauqui Building, and those who are interested are invited to join us to learn more about the research that is happening at the School of Nursing.

Sunday, Sept. 2, 6:30-9:30 pm Gaels Football Home Opener vs. Laurier (Tricolour Pride Night)

Athletics and Recreation hosts 'Kickoff the year with the Gaels' as we welcome new and returning students to campus. Join 4000+ first-year Queen's students as they cheer on the Gaels during the home opener against Laurier. Queen's staff and faculty are eligible for a special ticket promotion (Please fill out the form to receive your discount - <https://queensu.wufoo.com/forms/m1k4pndt179xy0u/>). Don't forget to show off your tricolour pride and wear your Red-Gold-Blue gear or pick something up at the Q-Shop at the ARC. Present your Sept. 2 game day ticket and receive 10% at the Q-Shop Aug. 26-Sept. 1.

Tuesday, Sept. 4, 8-11 am (Re) Orientation: Welcome & Resource Fair for Graduate Students

Starting with light refreshments

in the mezzanine of the ARC (8-9 am) and followed by an information session in the main gym and a Resource Fair with all the resources that can help you as a grad student (campus departments and Kingston community), all under one roof for this one time only. Campus Tours are also being run during this time. Some of you missed out on this event in your first year or have just forgotten what is available to you. So whether you are a new or continuing graduate student come along and chat with the many departments and community groups that can help you throughout your time as a graduate student. From help academically, socially, professionally or personally, it is all here for you.

Wednesday, Sept. 5, 8:30 am-4:30 pm Teaching Development Day

Teaching Development Day will bring together students, faculty, and other teaching staff from across disciplines to collaborate and build strong, communities of teaching and learning at Queen's. The day will be filled with interactive sessions aimed to equip participants with new teaching-related skills and perspectives. Visit queensu.ca/ctl/ for details. Contact ctl@queensu.ca for more information.

Thursday, Sept. 6 and Friday, Sept. 7, 12:30-1:30 pm Academic Success: the Basics

What are the keys to academic success for university students? Why do great high school students struggle at university? How can you plan an independent study schedule based on your course syllabus? What are professors expecting from written and class work? We'll introduce you to some simple but effective

strategies that'll set you off on the right foot at Queen's! Stauffer Library, Seminar Room 121.

Saturday, Sept. 8, 1-4 pm Gaels Football vs Toronto (Kids Day)

The Gaels host to long-time rival Toronto at Richardson Stadium. Families are invited to join us for Kids Day, featuring a kid-friendly pre-game fan fest with inflatables from the Kingston Boys and Girls Club, games, autographs, face painting and prizes and more. Halftime will feature future football stars as local TIMFL youth football players will

take the field.

Wednesday, Sept. 12, 1:30-2:30 Intro to Academic Expectations & Resources

What are the keys to academic success for students unfamiliar with Canadian academia? What are the differences between Canadian universities and those abroad? How much do you have to study alone? What are professors expecting from written and class work? How and when should you talk to your teachers? We'll introduce you to some simple but effective strategies that will help you through your first

weeks at Queen's! Being hosted at QUIC.

Wednesday, Sept. 12, 3:30-4:30 pm Teaching Talks at the Tett

Drop by the Juniper Café in the Tett Centre for refreshing conversations about teaching and learning. Dr. Robin Attas from the Centre for Teaching and Learning will be prepared to discuss a timely topic each month, but is happy to take on anything teaching-related you want to bring to the table.

ACROSS

- 1 Bitterly ironic
- 4 Small mass
- 8 Woman, to Sam Spade
- 12 New Mexico art colony
- 16 Spade stopper
- 18 Wife of Tyn-dareus
- 19 Neighbor of Saudi Arabia
- 20 Peruvian tenor Luigi
- 21 Bard villain
- 22 Declare positively
- 23 Bind with a belt
- 24 New couple, to a gossip columnist
- 25 Big top dangler
- 27 Gangster film spoof
- 30 Province of Somnus
- 32 Church service text
- 33 Peruse anew
- 36 Antique
- 38 Prepares to take notice
- 43 Demand
- 44 At large
- 45 1991 film spoof
- 47 High point of many small towns
- 48 Forwent fasting
- 49 Itinerary word
- 50 Hefty volumes
- 51 Voice pitch
- 52 Frigid
- 53 Small café
- 55 Property: abbr.
- 56 Acrid
- 58 Gridlock
- 59 After-dinner candy
- 61 ___ Charitable Trusts (Sun Oil fund)
- 64 Horse that has never won a race
- 66 Diadem ornament
- 67 Simon Templar's symbol
- 71 Remove
- 73 Not home
- 74 "___ Diavolo"
- 75 Exeter's shire
- 76 Zucker

- Brothers spoof
- 78 TV part
- 79 Put up (with)
- 80 Like mall prices
- 81 Directors' cries
- 82 Lion packs
- 83 Grow canines
- 86 Plug projection
- 88 Brooks's Hitchcock parody
- 93 Sadie Hawkins Day quest
- 97 "As ___ as a painted ship..." (Coleridge)
- 98 Daintily pretty
- 99 River at Bristol
- 101 Exploiter
- 102 Appear
- 103 Attar emanation
- 104 Brie feature
- 105 Fodder reservoir
- 106 Matches the bet
- 107 Loch near Urquhart Castle
- 108 Near-flunks
- 109 "Heidi" peak

DOWN

- 1 Court decree
- 2 Crowd sound
- 3 Hindu discipline
- 4 Burned hotly
- 5 Riverbank structure
- 6 Epinicion
- 7 Spur
- 8 Persistent in effort
- 9 Improperly
- 10 Wollstonecraft and Shelley
- 11 Last in line
- 12 Ape's lack
- 13 ___ sax
- 14 Bun warmer
- 15 Equivalent
- 17 Val Kilmer spy spoof
- 26 Cause high spirits
- 28 Peter Fonda's movie bee-keeper (1997)
- 29 James Franco played her in a "Friends" spoof
- 31 Soirée
- 33 Take it easy
- 34 National, pre-

- 2005
- 35 Typical Portland forecast
- 37 "Turn right!"
- 39 Even if, informally
- 40 Indefinite number
- 41 Colorado indigenous
- 42 Fake Rolex salesman's approach
- 44 Clique
- 45 Casual greetings
- 46 Home facial ingredient
- 49 Vitality
- 52 Roth account
- 53 Exclude
- 54 Salted margarita spot
- 57 Soprano Gallucurci
- 58 Winnipeg skater
- 60 Disaster film spoof
- 61 Anjou, e.g.
- 62 Ohio Indian
- 63 Character flaw, figuratively

- 65 Owing
- 66 Fathom
- 68 Eager
- 69 Pay dirt?
- 70 Dollar bills
- 72 Evian, e.g.
- 74 Tantrum
- 75 Mild oaths
- 77 Needlepoint lace
- 78 It takes two
- 81 It was modeled on Boston's Bull & Finch pub
- 82 Canine lockups
- 84 Radiate, as confidence
- 85 Salsa's Puente et al.
- 87 River through Geneva
- 88 Infamous Alger
- 89 Pierre's notion
- 90 Giggler's feeling
- 91 ___ and haws
- 92 Livestock pen
- 94 Bhutan's continent
- 95 Dickens's Little
- 96 Descent
- 100 Contend

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The Isabel String Quartet will perform three concerts as part of the 2018-19 Faculty Artist Series at the Isabel Bader Centre for the Performing Arts.

Faculty Artist Series building on success

BY COMMUNICATIONS STAFF

Hear great classical music concerts in the wonderful acoustics of the Isabel Bader Centre for the Performing Arts performed by faculty from the Dan School of Drama and Music and invited musicians.

For the 2018-19 season, the annual Faculty Artist Series expands from four concerts to six.

Most of the concerts are being held on Sunday afternoons at 2:30 pm and include three presentations by the Isabel String Quartet and three concerts by a variety of faculty performers.

The latter concerts range from an event featuring local composers and visual artists, to a concert of two-piano music that also includes award-winning multimedia pieces, and ends a concert of French art song for baritone and piano.

Of particular note are the first two concerts in the series. On Saturday, Sept. 15, at 7:30 pm, the Isabel Quartet is joined by double bassist, Joel Quarrington. Quarrington, currently principal double bassist of the National Arts Centre Orchestra, is renowned for his virtuosity and expertise.

In addition to playing some solo Bach on the bass, Quarrington will join the quartet in a performance of a Dvorak Quintet – a beautiful work that is not often heard in a concert setting given its unusual instrumentation.

The second concert on Sunday, Oct. 14 at 2:30 pm features music by Matt Rogalsky and friends. Rogalsky, one of the winners of the inaugural 2017 Kingston Mayor's Arts Awards, is a talented and innovative composer who has been involved with many community arts groups such as the Tone Deaf

Faculty Artist Series at The Isabel

Saturday, Sept. 15

Isabel Quartet and double bass with Joel Quarrington

Sunday, Oct. 14

Visitations and Revisitations: Matt Rogalsky and Friends

Sunday, Nov. 4

Palenai Piano Duo presents Rhythm'n Views

Sunday, Dec. 9

Isabel Quartet: Italian String Music

Sunday, Feb. 10

Isabel Quartet Music As Narrative and Dance

Sunday, March 10

Salon D'Esprit Francais: French chansons with Bruce Kelly and Dina Namer

Festival and the Skeleton Park Festival. Rogalsky has invited Kingston visual artists Julia Krolik and Owen Fernley to collaborate on this concert.

Rounding out the program will be a new work by Queen's Music Professor Emeritus Kristi Allik that includes video by Robert Mulder. This concert will surely be a feast for both the eyes and ears.

Single ticket prices begin at \$10 for students and \$20 for adults (\$16 for Queen's faculty and staff), and subscribing to any three or more concerts can generate a savings of 25 per cent.

More information about the concerts and ticket ordering, can be found at The Isabel website (queensu.ca/theisabel), or through The Isabel Box Office between 12:30-4:30 pm, Monday to Friday at 613-533-2424.

Professor emeritus receives honorary degree from alma mater

BY COMMUNICATIONS STAFF

Agnes M. Herzberg, Professor Emeritus in the Department of Mathematics and Statistics at Queen's, received an honorary degree from the University of Saskatchewan on June 6.

Dr. Herzberg received her Bachelor of Arts (Honours) at Queen's and then earned her master's and PhD degrees from the University of Saskatchewan. She was one of eight honorary degree recipients during convocation.

While she was unable to make the trip, Dr. Herzberg recorded her speech which was played at the ceremony. She spoke to the new graduates about the importance of education, independent thought, intellectual curiosity, and thinking in the long term.

Dr. Herzberg began her academic career with a National Research Council of Canada Post-Doctorate Overseas Fellowship at Birkbeck College and Imperial College of Science and Technology, colleges of the University of London (1966-1968). She then became a lecturer at Imperial College (1968-1988). During these years, she accepted brief engagements at the University of California, Berkeley (1975); University of Washington, Seattle (1977) and the Mathematics Research Center at the University of Wisconsin, Madison (1981). She came back to Queen's in 1988 and was appointed a professor emeritus in 2004.

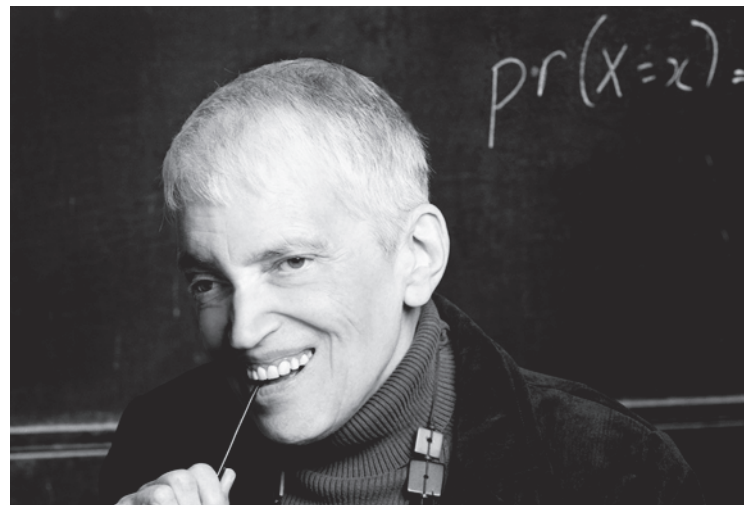


PHOTO BY V. TONY HAUSER

Professor Emeritus Agnes M. Herzberg received an honorary degree from the University of Saskatchewan.

Dr. Herzberg's research interests include the statistical design of experiments and contributions to the design of clinical trials in medicine. Recently, she collaborated with fellow Queen's faculty member Ram Murty on a paper examining the properties of the Sudoku puzzle, including its potential for data compression.

Believing that individuals are enriched by exchanges with those in other disciplines, Dr. Herzberg introduced the idea of inviting scientists and others to statistical conferences. As a result she organized the Conference on Statistics, Science and Public Policy, held annually at Herstmonceux Castle in England since 1996. At the conference, which honours the work of her father, Gerhard Herzberg,

winner of the 1971 Nobel Prize in Chemistry, a diverse mix of scientists, politicians, civil servants and journalists from many countries address significant policy issues. The conferences are summarized in proceedings that Dr. Herzberg edits herself.

Dr. Herzberg was the founding editor of Short Book Reviews, a publication of the International Statistical Institute and during her 26 years of editorship, the journal handled over 12,500 volumes. Her participation in the Statistical Society of Canada (SSC) included serving as the organization's president (1991-92) and as a member of many committees. In 2008 she was elected to the Royal Society of Canada "for her pioneering contributions to statistics."

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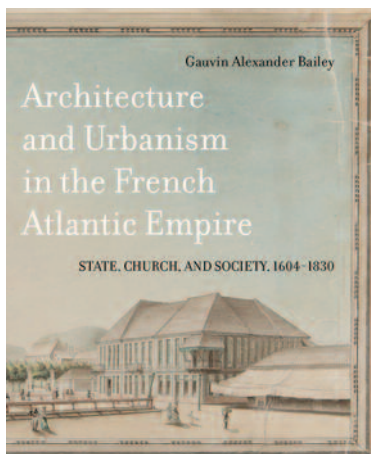
books

Architecture and Urbanism in the French Atlantic Empire: State, Church, and Society, 1604-1830

By Gauvin Alexander Bailey (Art History, Alfred and Isabel Bader Chair in Southern Baroque Art)

Spanning from the West African coast to the Canadian prairies and south to Louisiana, the Caribbean, and Guiana, France's Atlantic empire was one of the largest political entities in the Western Hemisphere. Yet despite France's status as a nation at the forefront of architecture and the structures and designs from this period that still remain, its colonial building program has never been considered on a hemispheric scale.

Drawing from hundreds of plans, drawings, photographic field surveys, and extensive archival sources, *Architecture and Urbanism in the French Atlantic Empire* focuses on the French state's and the Catholic Church's ideals and motivations for their urban and architectural projects in the Americas. In vibrant detail, Gauvin Alexander Bailey recreates a world that has been largely destroyed by wars, natural disasters, and fires – from Cap-François (now Cap-Haïtien), which once boasted palaces in the styles of Louis XV and formal gardens patterned after Versailles, to



failed utopian cities like Kourou in Guiana. Vividly illustrated with examples of grand buildings, churches, and gardens, as well as simple houses and cottages, this volume also brings to life the architects who built these structures, not only French military engineers and white civilian builders, but also the free people of colour and slaves who contributed so much to the tropical colonies.

Taking readers on a historical tour through the striking landmarks of the French colonial landscape, *Architecture and Urbanism in the French Atlantic Empire* presents a sweeping panorama of an entire hemisphere of architecture and its legacy.

for the record

NOTICES Headship Selection Committee - Department of Civil Engineering

Ian Moore's term as interim head of the Department of Civil Engineering ends Dec. 31, 2018.

In accordance with the Article 41 of the Collective Agreement between Queen's University Faculty Association and Queen's University, a selection committee has been formed to assist Provost and Vice Principal (Academic) Tom Harris in the selection of a department head. The membership of the committee is as follows: Elected faculty: Leon Boegman, Richard Brachman, Neil Hoult, Ryan Mulligan, Kevin Mumford. Appointed Members: Gregor Browning (Undergraduate student), Vanessa Di Battista (PhD candidate), Susan Palo (staff member), Keith Pilkey, Head, Mechanical and Materials Engineering. Non-Voting Member: James Reynolds, Associate Dean, School of Graduate Studies. Chair: Kevin Deluzio, Dean, Engineering and Applied Science. Recording Secretary: Jenica Walker, Staffing Officer, Engineering and Applied Science

Members of the university community are invited to comment on the present state and future prospects of the Department of Civil Engineering and to submit names of possible candidates for the headship

to Dean Kevin J. Deluzio (Chair), c/o Ann Messenger (engadmin@queensu.ca) Faculty of Engineering and Applied Science by Sept. 14.

Headship Selection Committee - Department of Biomedical & Molecular Sciences

Michael Adams' term as head of the Department of Biomedical & Molecular Sciences will end on June 30, 2019.

In accordance with the terms of Article 41 of the Collective Agreement between Queen's University Faculty Association and Queen's University, a selection committee will be formed to consider the present state and future prospects of the Department, and to assist Provost and Vice-Principal (Academic) Tom Harris in the selection of a department head. Elected bargaining unit members from the department will form a majority of the full voting members of the selection committee. Faculty, staff and students are also invited to nominate staff and students from the Department of Biomedical and Molecular Sciences and faculty from cognate units, for membership on the selection committee. Nominations are to be directed to the Associate Dean (Academic) School of Medicine (Chair), c/o Christine Irving, Senior Staffing Officer, Faculty of Health Sciences, by Sept. 4, 2018.

Nominations may be submitted to christine.irving@queensu.ca.

Headship Selection Committee - Department of Public Health Sciences

Duncan Hunter's term as interim head of the Department of Public Health Sciences will end on June 30, 2019.

In accordance with the terms of Article 41 of the Collective Agreement between Queen's University Faculty Association and Queen's University, a selection committee will be formed to consider the present state and future prospects of the department, and to assist Provost and Vice-Principal (Academic) Tom Harris in the selection of a department head. Elected bargaining unit members from the department will form a majority of the full voting members of the selection committee. Faculty, staff and students are also invited to nominate staff and students from the Department of Public Health Sciences and faculty from cognate units, for membership on the selection committee. Nominations are to be directed to Associate Dean (Academic) School of Medicine (Chair), c/o Christine Irving, Senior Staffing Officer, Faculty of Health Sciences, by Sept. 4, 2018. Nominations may be submitted to christine.irving@queensu.ca.

human resources

Job postings

Full details regarding job postings can be found at queensu.ca/humanresources/careers.

- **Competition Number:** J0618-1110
Position: Manager, Investment Operations
Department: Investment Services
Grade: 10
Job Type: Permanent (Continuing)
Closing Date: Sept. 3
- **Competition Number:** J0818-0241
Position: Human Resources Advisor
Department: Human Resources
Salary: \$52,189/Year
Grade: 7
Job Type: Term (14 months)

- **Closing Date:** Sept. 3
- **Competition Number:** J0818-0287
Position: Business Analysis Officer, Alumni Relations and Annual Giving
Department: Advancement Annual Giving
Salary: \$59,185/Year
Grade: 8
Job Type: Term (12.5 months)
Closing Date: Sept. 3
- **Competition Number:** J0718-1158
Position: Internal Controls Manager
Department: Audit Services
Grade: 10
Job Type: Permanent (Continuing)
Closing Date: Sept. 4

- **Competition Number:** J0818-0292
Position: Leadership, SIGs and Commemorative Giving Program Manager
Department or Area: Advancement Annual Giving
Salary: \$62,922/Year
Grade: 9
Job Type: Term - 12.5 Months
Closing Date: Sept. 16

Successful Candidates

- **Job Title:** Coordinator, Facility Operations
Department: Department of Athletics and Recreation
Competition: J0518-1017
Successful Candidate: Gregory Simmons

- **Job Title:** Research Project Manager
Department: School of Rehabilitation Therapy
Competition: J0518-0318
Successful Candidate: Suelen Meira Goes
- **Job Title:** Research Assistant
Department: School of Rehabilitation Therapy
Competition: J0618-0192
Successful Candidate: Agnieska Feccica
- **Job Title:** Cancer Research Monitor/Auditor
Department: Canadian Cancer Trials Group
Competition: J0518-0333

- **Successful Candidate:** Greg Hicks
- **Job Title:** Learning Strategies Advisor
Department: Department of Student Academic Success Services
Competition: J0518-0213
Successful Candidate: Lindsay Heggie
- **Job Title:** Assistant, Technical Support Services
Department: Athletics and Recreation
Competition: J0618-0543
Successful Candidate: Clinton Adrid
- **Job Title:** Research Analyst
Department: Undergraduate Admission and Recruitment
Competition: J0418-0209
Successful Candidate: Kim Nguyen

PUZZLE SOLUTIONS

WRY	BLOB	DAME	TAOS
ROOT	LEDA	OMAN	ALVA
IAGO	AVER	GIRD	ITEM
TRAPEZE	BUGSY	MALONE	
SLEEP	LESSON		
REREAD	AGED	SITSUP	
EXACT	FREE	HOTSHOTS	
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TART	JAM	MINT	
PEW	MAIDEN	GEM	HALO
ERASE	OUT	FRA	DEVON
AIRPLANE	DIAL	ABIDE	
RETAIL	CUTS	PRIDES	
TEETH	PRONG		
HIGH	ANXIETY	HUSBAND	
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SEEM	ODOR	RIND	SILLO
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Gaels football announces new game day themes

BY COMMUNICATIONS STAFF

With the Queen's Gaels football team ready to return to the field, Queen's Athletics is introducing a number of game day themes and enhancements for the 2018 season.

The regular season home opener is set for Sunday, Sept. 2 as the Gaels host the Laurier Golden Hawks at Richardson Stadium.

Queen's students will once again receive free admission to all regular season games – simply arrive at the gate with your valid student card, swipe and enter. This special offer now includes Homecoming. Free student shuttle buses to Richardson Stadium from Tindall Field start 45 minutes before kickoff for all games.

Also kids aged 12 and under will receive free admission to all regular season games. New this year is the designated family zone in Section 103 and special family zone season ticket pricing for parents. On game day, families can find face painting and kid-friendly

activities on the concourse behind Section 103.

**2018 THEMES:
Sunday, Sept. 2, 6:30 pm
vs Laurier
Home Opener,
Tricolour Pride Night**

• Athletics and Recreation hosts "Kickoff the year with the Gaels" to welcome new and returning students to campus.

• Queen's staff and faculty are eligible for a special ticket promotion. Please fill out the following form to receive your discount.

• Kicking off Queen's Orientation Week, the Tricolour Pride Night game will welcome all first-year students to Queen's.

• Inviting upper-year students who have returned to campus; new and returning graduate and professional students

• Wear Tricolour gear or pick something up at the Q-Shop at the ARC. Present your Sept 2 game day ticket and receive a 10 per cent discount at the Q-Shop (Until Sept. 1).

**Saturday, Sept. 8, 1 pm
vs Toronto
Kids Day**

• Queen's Athletics and Recreation is excited to partner with Kingston Boys and Girls Club for Kids Day.

• Kids Day will feature a kid-friendly pre-game fan fest with inflatables, games, autographs, face painting and prizes. Kids can run through the Gaels tunnel onto the field after the game. This event is free with the purchase of an adult ticket to the game.

• We are pleased to welcome Kingston Special Olympics athletes and Motionball Marathon of Sport participants to this game.

• Halftime will feature future football stars as local TIMFL youth football players will take the field.

**Saturday, Sept. 29, 1 pm
vs Western
Blood Battle, Queen's Football
Alumni Celebration**

• Taking the Queen's-Western rivalry to the next level, the Queen's

and Western football teams are participating in a "Blood Battle" to promote blood donations to Canadian Blood Services. Make an appointment at the Canadian Blood Services booth at our home games on Sept 2 or Sept. 8, to have your appointment go towards the Queen's Football count. The team with the most appointments will be crowned the 2018 Blood Battle champion.

• Members of the Queen's Football 1963, 1968, 1978 and 1983 championship teams will be recognized on field during the pre-game ceremony. All Queen's Football alumni are invited to join the pre-game celebration and can register and purchase tickets to sit in the Queen's football alumni section.

**Saturday, Oct. 20, 1 pm
vs Ottawa
Homecoming, Think Pink**

Queen's Athletics and Recreation is excited to partner with the AMS ReUnion Street Festival and the Canadian Cancer Society for Think Pink Day.

• Varsity athletes and other Queen's student groups will be participating in the Kingston Run for the Cure on Sunday, Sept. 30. Queen's University has been named the top fundraising postsecondary school the past six years, and once again requests the community's support.

• Grab your pink ribbon when you arrive and check out the Think Pink tent featuring exclusive Queen's Think Pink gear, with all proceeds going to the Canadian Cancer Society and breast cancer research projects.

• Other events supporting the cause on game day include Men's Rugby and Men's Hockey.

• This will be the final regular season home game for Queen's graduating student-athletes. Student-athletes and their families will be recognized.

• Details about Queen's Homecoming weekend are available on the Queen's Alumni website.

Season, group and single-game tickets can be purchased on the Queen's Gaels Box Office website (gaels.universitytickets.com).



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