

THE WORLD REMEMBERS



QUEEN'S UNIVERSITY ARCHIVES

QUEEN'S REMEMBERS

A century ago, following more than four years of fighting, the First World War came to an end on Nov. 11, 1918. By the end of the war, 189 Queen's community members, including all 32 pictured above, had died, and many more were injured. To mark the 100th anniversary, Queen's University is participating in The World Remembers, an international expression of remembrance and reconciliation. See story on page 2.



JOINING THE CONVERSATION

Since Queen's became a founding member of The Conversation Canada, a total of 65 Queen's researchers have published 86 articles that have attracted 1.2 million reads over the past year with many pieces being republished by leading national and international news outlets. Story on page 4

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Michael Fraser

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QUEEN'S UNIVERSITY ARCHIVES

Members of the No. 5 Queen's Stationary Hospital, 2nd Contingent, Canadian Overseas Expeditionary Force, gather for a photo in front of Kingston Hall. On the back of this photo, which is part of a collection at Queen's University Archives, is the notation 'Left Kingston for the Front, May 5, 1915.'

First World War remembrance

BY ANDREW CARROLL,
GAZETTE EDITOR

The First World War left an indelible mark on the world.

Death on a scale never seen before, years scarred by tragedy, futility, and devastation.

Queen's University would not be untouched. Thousands of Queen's men and women would be involved – enlisting as soldiers, serving as doctors and nurses, supporting the war effort in any way possible.

This Nov. 11, Remembrance Day, marks the 100th anniversary of the end of that war, yet, a century on, the memories linger.

Leading up to the centenary, Queen's University is participating in The World Remembers, a powerful and timely expression of remembrance and reconciliation.

Led by award-winning Canadian actor R.H. Thomson and lighting designer Martin Conboy, the international event features the names of all war dead who were killed in 1918, regardless of which nation they were fighting for.

The World Remembers began in 2014, highlighting the names of those killed during each year of the First World War. As the project nears its conclusion, it has gathered strength.

"Memory is part of what makes us human," says R.H. Thomson. "A personal connection to the almost unimaginable history of the First World War is the goal. One hundred years later, every man or woman who lost their life, regardless of their nationality, deserves to be individu-



QUEEN'S UNIVERSITY ARCHIVES

Soldiers of the 46th (Queen's) Battery gather for a unit photo in June 1916. The unit, almost entirely drawn from members of Queen's University, would serve in France and took part in the Battle of the Somme.

ally remembered. Both new Canadians and Canadians whose families lived here in the war years can search the website for a relative who was killed and find the exact day, hour and minute that their name will appear in the displays. It is an opportunity to honour the diversity of Canadians caught up in the First World War."

The Queen's memorial formally began on Sept. 20 and continues through to Sunday, Nov. 11. Through the project, all 1,003,167 names of soldiers, nurses, and other military personnel who were killed in 1918 will be projected onto the outer wall of Grant Hall, facing Ontario Hall. Of those names 23,731 are Canadian.

Over the five years of the war close to 61,000 Canadians were killed, and another 172,000 were

wounded. Among those deaths were 189 from Queen's University. Queen's University Archives have done amazing work compiling records on all these individuals.

The projection will begin at 8 pm each day and continue through the night. A list will be available at the memorial detailing when the name of each of the Queen's fallen from 1918 will appear.

From the outbreak of the war on July 28, 1914, members of the Queen's community contributed to the Canadian effort, enlisting in units such as the 5th Field Company Engineers, 6th Field Company Engineers, No. 5 Stationary Hospital / No. 7 (Queen's) Canadian General Hospital, 46th (Queen's) Battery, 50th (Queen's) Battery, 72nd (Queen's) Battery,

253rd Battalion (Queen's University Highlanders).

Others served in units from their hometowns or the Canadian Universities Unit.

Their memories live on today – Fifth Field Company Lane and George Taylor Richardson Memorial Stadium. Part of the John Deutsch University Centre (JDUC) was once the Students' Memorial Union, purchased by the university in 1927 and named in commemoration of students who died during the First World War. It still houses a memorial room.

To learn more about Queen's and the First World War, visit the Queen's University Archives website (archives.queensu.ca).

To learn more about The World Remembers project, visit theworldremembers.org.



Queen's
UNIVERSITY

Researchers join Royal Society of Canada

BY COMMUNICATIONS STAFF

Four Queen's University researchers with expertise ranging from arts education to software analytics have been elected to the Royal Society of Canada (RSC), the most senior and prestigious academic society in Canada.

Stephen Archer, Heather Stuart, and Rena Upitis were elected to the Fellowship, while Ahmed Hassan was named a member of the College of New Scholars, Artists and Scientists.

RSC Fellows are internationally recognized leaders in their respective research fields, including the arts, social and natural sciences, health sciences and humanities. Candidates can be nominated by existing Fellows or by one of the RSC's member institutions. Competitive candidates are elected by their peers.

The College is a separate program that recognizes the emerging generation of Canadian intellectual leadership and seeks to gather scholars, artists and scientists at a highly productive stage of their careers into a single collegium where new advances in understanding will emerge from the interaction of diverse intellectual, cultural and social perspectives.

"The four newly-elected RSC members have made significant research contributions nationally



Among those elected as Fellows of the Royal Society of Canada are Queen's faculty members, Rena Upitis, left, Heather Stuart, second from right, and Stephen Archer, right. Ahmed Hassan, second from left, was named a member of the College of New Scholars, Artists and Scientists.

and internationally, demonstrative of the range of research expertise and excellence found across campus," says Daniel Woolf, Principal and Vice-Chancellor. "My sincere congratulations to these scholars who are being recognized alongside the best and most impactful researchers in Canada."

The following four scholars have been elected:

Dr. Stephen Archer (Medicine) is Head of Medicine at Queen's University and a world-renowned cardiologist and leader in several

research fields, including oxygen sensing, vascular biology, and the experimental therapeutics of pulmonary hypertension and, more recently, cancer. He has made numerous discoveries that can undisputedly be considered firsts, particularly in regards to defining the roles of mitochondrial fission/fusion and metabolism in oxygen-sensing and cell proliferation.

Dr. Heather Stuart (Public Health Sciences), the Bell Mental Health and Anti-Stigma Research

Chair, is a social-epidemiologist and award-winning researcher who has developed world-recognized translational research to reduce mental illness-related stigma. Coupled with novel partnerships with professional, governmental, and private enterprises, her research has allowed for the development, implementation, and evaluation of best practices designed to reduce stigma, promote recovery, social equity, and to influence mental health policy.

Dr. Rena Upitis (Faculty of Ed-

ucation) is a dynamic arts education scholar of international stature. Driven by a desire to build deep connections with the natural world, her work involves experiential learning, research, and social activism. Taking a holistic approach to human development, she has cultivated many spheres of expertise: arts education, digital literacy, mathematics education, curriculum development, sustainability studies, and architectural design. Her contributions have influenced educational practices in North America and globally.

Dr. Ahmed Hassan (School of Computing) is the Canada Research Chair in Software Analytics and the NSERC/Blackberry Industrial Research Chair in Software Engineering at the School of Computing at Queen's University. He is a Canadian pioneer and recognized world leader in the engineering of ultra-large-scale systems. His track record of industrial collaboration has yielded numerous patents and innovations that are integrated into products and services used daily by millions of people worldwide.

The scholars will be formally inducted as Fellows and Members of the College at the RSC's Celebration of Excellent and Engagement, Nov. 15-18, in Halifax. For more information, visit the RSC website (rsc-src.ca/en).

Professor Emeritus honoured with RSC's Miller Medal

BY ANNE CRAIG,
COMMUNICATIONS OFFICER

A lifetime of research contributions to academia and industry by Queen's University Professor Emeritus Raymond Price has been recognized by the Royal Society of Canada (RSC). Dr. Price has been honoured with the RSC's Willet G. Miller Medal in Earth Sciences.

Dr. Price (Geological Science and Engineering) has been acclaimed nationally and interna-

tionally for his exploration and graphic descriptions of the geology, geophysical setting, origin, and tectonic evolution of the southern Canadian Rocky Mountains, and also for his conceptual models of tectonic processes at various scales.

Dr. Price will be awarded with a national honour named for Willet G. Miller, who was appointed to the Department of Geology, School of Mines in 1893, and the first person to teach geology at

Queen's. The university later honoured Willet G. Miller by bestowing his name on Miller Hall in 1931.

"The RSC's Miller Medal is a prestigious recognition of Dr. Price's distinguished research career and his influence on resource, environmental and geoscience policy in Canada," says Kimberly Woodhouse, Interim Vice-Principal (Research).

Beginning in the 1950s, Dr. Price's work for the Geological

Survey of Canada and in academia has explored the geodynamics of mountain building. He has greatly influenced fundamental thinking on the dynamics of plate tectonics and mountain building while also ensuring the economic implications of his ideas were well known in the petroleum industry.

Dr. Price first joined Queen's in 1968, was invited back to the Geological Survey to become director general and later assistant deputy

minister, and rejoined Queen's in 1990 where he accepted the chair of a scientific working group looking at the engineering, geological, and environmental merits of deep geological disposal of high level nuclear fuel waste.

"I certainly can't think of a more deserving geoscientist than Dr. Price for this award," says colleague Laurent Godin. "Dr. Price has been influential in so many ways. His work and dedication to geosciences has had profound influence on our understanding of how mountain belts form and evolve. Beyond his world-class scientific research, Dr. Price has done exemplary service to science and society, serving and often chairing countless international scientific committees. Most importantly, he has shared his knowledge and wisdom through mentorship of hundreds of students and colleagues - and continues to this day. His dedication to science, policy-making, and generous mentorship deserves to be known and recognized."

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It's time to join The Conversation

Queen's researchers have used *The Conversation Canada* platform to reach audiences around the world

BY KAYLA DETTINGER, RESEARCH PROMOTION COORDINATOR

What do road salt, hospital wait times, and Rod Stewart have in common? They are all topics of widely-shared articles authored by Queen's University researchers for *The Conversation Canada*. The online news platform's unique model, articles written by academic experts paired with experienced journalists, has captured the attention of researchers and a public (38.2 million readers) worldwide searching for evidence-based, informed news on issues of importance.

Since Queen's became a founding member of *The Conversation Canada* in 2017, Queen's scholars have embraced the model: 65 Queen's researchers (faculty and students) have published 86 articles that have attracted 1.2 million reads. Many pieces have been republished by international news outlets, including *Scientific American*, *The National Post*, *CNN*, *TIME*, *The Washington Post*, *The Sydney Herald*, and *Maclean's*.

Examining timely issues such as Canada's health-care system and its wait time problem, Chris Simpson (Medicine) appreciates the platform's real-time readership metrics and analysis.

"My experience with *The Conversation* has been stellar: profes-



THE CONVERSATION



Since Queen's University became a founding member of *The Conversation Canada* in 2017, 65 Queen's researchers have published 86 articles that have attracted 1.2 million reads.

sional and timely editing, great practical advice, and a very user-friendly electronic interface. Watching the engagement stats in the hours and days after publication gave me a real sense of the reach and power of this knowledge transfer tool," Dr. Simpson says.

For Robert Morrison (English Language and Literature) *The Conversation* has allowed him to marry his expertise of language and his love of music. His popular pieces (e.g. *Maclean's*) entitled "Remembering Gord Downie through his lyrics" and "Why

Rod Stewart's gay ballad 'Georgie' was ahead of its time" recognized the cultural significance musicians and their lyrics carry.

"I've greatly enjoyed writing for *The Conversation Canada*," says Dr. Morrison. "It has given me the chance to talk about contemporary issues such as immigration, gay rights, gun violence, and the opioid crisis, and to do so in a way that is, I hope, substantial and engaging."

Graduate students have also leveraged the benefits of *The Conversation*. Jamie Summers (Post-

Doctoral Fellow, Biology) and Robin Valteau (MSc Biology) saw their article "Road salt is bad for the environment, so why do we keep using it?" reach almost viral status at over 100,000 reads. It was republished by *The National Post*, *TIME*, *The Weather Network*, *CNN*, and *Popular Science*.

For Dr. Summers, "writing for *The Conversation* provided further media opportunities that are not typically available to graduate students. Upon completion of my degree, I felt that my media experience, largely provided by *The Conversation*, was a valuable transferable skill that would help me throughout my career."

While Vallaeu says: "The Conversation gave me the opportunity to share my research with the public in a timely and constructive manner. It also led to many exciting opportunities, including television and radio interviews."

The university's success with *The Conversation Canada* highlights the importance and impact of disseminating leading-edge research and scholarship beyond the academy.

"Queen's has been a supporter of *The Conversation Canada* since our inception. I have been extremely impressed of how Queen's has leveraged *The Conversation* platform to its maximum ability," says Scott White, Editor-in-Chief of *The Conversa-*

GLOBAL REACH

Founded in Australia in 2011, the online news platform has nine editions with 30,000+ academics from 2,065 institutions as registered authors whose articles attract 38.2 million readers worldwide. *The Conversation's* Creative Commons Licensing has meant that over 22,000 news outlets around the world have shared and repurposed content.

tion Canada. "Authors from Queen's have been integral to our mission of presenting to the public expert-based analyses and explanatory journalism. On a personal level, my newsroom staff and I thoroughly enjoy working with Queen's academics and the communications staff. The feeling of teamwork is real and has resulted in some excellent articles."

Queen's relationship with *The Conversation Canada* is managed through University Relations with support from Vice-Principal (Research). Researchers interested in writing for *The Conversation* should contact Melinda Knox, Associate Director, Research Profile and Initiatives, at knoxm@queensu.ca.

For more information on *The Conversation Canada* visit the website theconversation.com/ca.

through the lens



COURTESY UNITED WAY KFLA

Members of the Queen's United Way Committee served up a special cake during the \$5 Friday BBQ outside Mcakintosh-Corry Hall on Aug. 25. Helping out were, from, left: Lisa Callahan, CCTG Communications Leader; Kellie Hart, Director of Finance - Faculty of Arts and Science; Provost and Vice-Principal (Academic) Tom Harris; James Lighthart, Marketing and Communications Co-ordinator - Athletics and Recreation; and Professor David Gordon (Geography and Planning).

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Learning to live off the land

For 18 Queen's students, the great outdoors was their classroom as part of Re-Indigenizing People and Environments course

BY PHIL GAUDREAU, SENIOR COMMUNICATIONS OFFICER

Hunting, fishing, harvesting wild rice, and building your own shelter – DEVS 480 is a course unlike any other. These activities aren't just worth marks, they are also what you need to do to keep your belly full and maintain a roof over your head.

The course, which has the full name "Re-Indigenizing People and Environments," is taught by professors Robert Lovelace and Richard Day from the Department of Global Development Studies, and is supported by many community volunteers.

This field study begins with seven weeks of online study, readings, and discussion before taking students out on the land. Participants then travel to Eel Lake north of Kingston for the field portion of the course.

For the following eight days, students live off of the land in an Indigenous lifestyle, they participate in Indigenous cultural practices like sweat lodges, and complete an in-depth study of Indigenous theory.

"To secure good air, water, food, and relationships, human beings need a close relationship with the earth. Recognizing that we are dependent on the material earth but also upon the symbiotic processes – the interrelated actions – of earth is a beginning," says Mr. Lovelace.

In addition to foraging for food and building a shelter, the students also hunted with a bow and arrow, learned about medicinal plants, and participated in workshops on tool making, man-



At Big Rock in the River, Robert Lovelace talks about recent conflicts over access to Indigenous food resources like Manomin, also known as wild rice. In some instances, settlers have stood in solidarity with Indigenous peoples to oppose commercialization and unsustainable harvesting methods.

aging soil, and growing food, harvesting, and preserving food.

Jessica Franko (Artsci'19) enrolled in the course seeking something "tangible" and "unique" in her university experience. The course was full of those moments, but what stood out the most for her was harvesting wild rice.

"It really changes how you think of the labour that goes into your food, and changes your connection to the food," she says. "We all cooked for each other

and quite literally fed each other – we had a day we were not allowed to feed ourselves – and this sparked discussions around food security and our relationship to food."

Ms. Franko is quick to point out, however, the challenges are not just physical – they are also mental and emotional.

"There was a lot of theorizing in this class and I sometimes found it difficult to engage in the heavy-hitting phrases like decolonization or re-indigenization,"

she explains. "These are not easy terms to work through without the proper context, readings, and guidance. We had a lot of difficult conversations trying to figure out where, as settlers, we fit into the discourse."

Max Lindley Peart (Sc'19, Artsci'19) similarly found the mix of theoretical and practical knowledge useful and challenging. After hearing about the course from upper-year students, he had been hoping to enroll – and it didn't disappoint.

"To secure good air, water, food, and relationships, human beings need a close relationship with the earth. Recognizing that we are dependent on the material earth but also upon the symbiotic processes – the interrelated actions – of earth is a beginning."

– Robert Lovelace,

Global Development Studies

"This course didn't only provide learning from a very intellectual perspective – it also gave lessons which were very emotional," he says. "This came to a point for me when, on our last night on the land, we held a campfire and brought out music, stories, and jokes as a community. It really reinforced for me how we became a community – when we got back to Kingston, none of us wanted to say goodbye."

"Throughout the whole field study, my heart felt full because I was doing this with a community of friends I could be open and honest with," he adds. "There is no better learning environment, and it's the kind of environment I will strive to create wherever I go after this."

DEVS 480 is only offered every second year. The course is open to all students but mainly attracts students from the Faculty of Arts and Science, and a mix of Indigenous and non-Indigenous learners. To learn more about Global Development Studies course offerings, visit the department's website (queensu.ca/devs/).

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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

Feeding the brain, cultivating the heart, and building courage

This article originally appeared in *Faculty Focus* (facultyfocus.com). Reprinted with permission.

BY KLODIANA KOLOMITRO AND LES MACKENZIE

As educators, we are privileged to build relationships and help thousands of students reach their full potential each year. At times, we have had nearly 750 students in our first-year undergraduate anatomy course, which meant that we were graciously offered the support of approximately 20 learning facilitators for that iteration of the course. First off, we acknowledge that the official term used in our institution is Teaching Assistant (TA), but let's be honest—we are in this as a team, so let's break down that hierarchy of who really is the “teacher” here and who is the “assistant.” We call them learning facilitators regardless of what their contract says.

We want our learning facilitators to have the most rewarding experience during our time together, and we want to ensure that this opportunity provides them with the mentorship they hope for. This certainly includes those who might not have an interest in

academia, and for them, this is probably the first and last course for which they will be a facilitator. Yes, we do hold regular meetings, and we have clear expectations on marking, guidelines when they should and should not engage with students, course netiquette, grading sessions, formative feedback, peer support, and so on. But what we want to share with you are our secret ingredients in what we think has really made a difference. In doing so, we can't help but think of the story in *The Wonderful Wizard of Oz*, and how it eloquently captures what it's like for the mentors (Good Witches) and fans (Munchkins) along a path filled with risks and uncertainties. At the end of that path, though, there is no magic wand or special broomstick. The journey instead helps the Lion, Scarecrow, Tin Woodman, and Dorothy realize that they already had what they wanted all along.

FEEDING THE BRAIN

“Dreams that you dare to dream really do come true...”

Scarecrow: “Look! There's someone who can help you.”

Our learning facilitators are given the following task in our orientation meeting: Identify an area (e.g., skill; knowledge; habit

of mind, heart, or hand) that you are hoping to further develop this semester from working together, and let us know what we can do to help you achieve that. Basically, in that first meeting we ask: What are your goals and how can we support you in achieving them? It's fascinating how this simple question is initially met with confused looks and silence. Some of them start identifying various needs such as providing better feedback, or better communication with students, learning how technology informs pedagogy; while others ask for more time to reflect on this. They quickly realize that we have a vested interest in their success (however they define success) and genuinely try to create a supportive environment. Also, having a tangible goal and revisiting that goal at the end of our experience together, helps our facilitators realize their true talents and abilities.

CULTIVATING THE HEART

Auntie Em: “Here, here, can't work on an empty stomach. Have some crullers.”

Pressures are high on our learning facilitators to juggle many things in their professional and personal life, and to keep up with the frantic pace of graduate

studies. Articulating a plan for learning and professional development certainly helps our learning facilitators nurture their cognitive well-being. But what about their physical, emotional, mental, and spiritual well-being? The emotional labour of facilitating learning can become exhausting, even toxic if you don't have a self-care plan. At the same time, cultivating resilient, strong, and healthy educators requires that we encourage physical and mental regeneration by creating space for wellness, buoyancy, and optimism. We see our learning facilitators not simply as facilitators in our course but as whole human beings, and we encourage them to think of ways and strategies to restore their soul and rejuvenate their spirit. Hence, they are no longer surprised when we ask them: What is your self-care plan?

BUILDING COURAGE

Glinda: “You're capable of more than you know.”

Our course is structured in such a way that it gives our learning facilitators options and choice in what they want to engage in. We have a leadership team, a communications team, and a grading and feedback team of facilitators.

Diversifying the tasks and opportunities for our learning facilitators enables them to stay with the team that draws on their strengths and is in their comfort zone or take risks and try something different. It also provides an opportunity for those aspiring to a leadership position to be mentored in taking on such a role in the future.

Mentoring doesn't just end when the course is over. However, we can only hope that our learning facilitators find their ruby slippers and realize that the power ultimately resides within themselves. Who knows, perhaps along the way together we can even help our students find their ruby slippers as well. As Dorothy reminds us: “Never give up, Ojo... No one knows what's going to happen next.”

* * *

Klodiana Kolomitro is an educational developer with the Centre for Teaching and Learning, and cross-appointed with the Department of Biomedical and Molecular Sciences at Queen's.

Les MacKenzie is an associate professor and Director of the Pattern II M.Sc. Program in Anatomical Sciences in the Department of Biomedical and Molecular Sciences at Queen's.

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

Queen's remembers Professor Emeritus C.E.S. (Ned) Franks

Queen's University is remembering the accomplishments and contributions of C.E.S. (Ned) Franks, a professor emeritus in the Department of Political Studies and the School of Physical and Health Education.

Dr. Franks taught at Queen's for 35 years, and was a leading expert on Canada's parliamentary system. He died Tuesday, Sept. 11. He was 81.

“Queen's and Canada have lost a great political scientist in Ned Franks. He had a long career which included mentoring many students who have gone on to distinguished careers in academia, the public service, journalism, and politics,” says Principal and Vice-Chancellor Daniel Woolf. “An expert on Canada's parliamentary system he served as a regular adviser to government and media.



CES (Ned) Franks

He also participated in Queen's governance, most recently on the former Campus Planning and Development Committee.”

Born in Toronto, Dr. Franks attended Upper Canada College, earned his BA (1959) and MA (1965) from Queen's, and his DPhil from Oxford.

He returned to Queen's as an assistant professor in 1967 after working for several years with the Government of Saskatchewan, including a stint as clerk assistant of the Saskatchewan Legislative Assembly.

Throughout his career at Queen's, Dr. Franks' influence and reputation was felt well beyond the university and his advice and insight were regularly sought out by fellow scholars, governments, and media.

“He was a kind of larger-than-life figure both here in the department but also in the scholarly community and beyond. His intellectual breadth was incredibly broad and deep. He had a passion for knowledge,” says Jonathan

Rose, an associate professor in Political Studies. “I don't know any other political scientist who has written respected books on canoeing and Parliament. His sense of wonderment about things beyond and outside of the narrow discipline of political studies was incredibly refreshing and demonstrated a love of learning about the world.”

Dr. Franks was Dr. Rose's supervisor during his master's studies at Queen's and later became his colleague when he joined the Department of Political Studies. He was strongly influenced by Dr. Franks' sense of rigour and the importance of precision in scholarship.

“Here was an academic who continued the best tradition of Queen's, which is to make connections between policy making and scholarship,” Dr. Rose says. “I think one of the reasons Queen's politics is respected in Ottawa is because of this close connection and regular advice that scholars like Ned would provide governments of all political stripes.”

In addition to more than 100 articles and chapters in books, Dr. Franks wrote or edited 14 books and monographs, including *The Parliament of Canada*, *The Canoe and White Water*, and *Dissent and the State*. His work included explorations into public administration, government accountability, parliamentary government in Canada, Aboriginal self-government, canoeing, sport and politics, Canada's North, issues related to nuclear energy, and politics in India.

He also wrote numerous influential op-ed pieces for newspapers and magazines and was asked by national and international media for his insight on important issues on the Canadian political agenda.

In 2002, he was awarded the Queen Elizabeth II Golden Jubilee Medal and, in 2004, the Royal Canadian Geographical Society awarded him its 75th Anniversary Medallion. In 2007 the Queen's University bestowed its Distinguished Service Award upon Dr.

Franks in recognition of his four decades of leadership and work on campus planning, including playing a key role in the planning and construction of Mackintosh-Corry Hall as well as a major renovation and expansion program for the Agnes Etherington Art Centre.

“With gentle humor, positive reinforcement and comprehensive knowledge you have presided and offered wise counsel as the university sought to improve planning activities for the practice of commissioning buildings, and procedures for selecting leading architects and adopting competitive processes,” a section of the award citation reads. “The results may be found in the record of award-winning structures renewing one of Canada's historic institutions.”

Dr. Franks also played the roles of an adviser on student life matters and a supporter of student self-government, serving as a mentor to generations of student leaders in the Alma Mater Society, and twice was appointed as honorary president.

Queen's in the news

Highlights of Queen's experts in the media from Sept. 5-20

NEWSPAPERS

David Skillicorn (School of Computing) co-authored an op-ed in the Toronto Star with **Christian Leuprecht** (Political Studies) focusing on banning guns.

Leela Viswanathan (Geography and Planning) commented on planning changes in Winnipeg in the Winnipeg Free Press.



Kenneth Wong (Smith School of Business) says in the National Post that if Prostate Cancer Canada's strategy was to increase the pool of people who are willing to be checked for prostate cancer, this message could obscure more critical issues. This Canadian Press article ran in 10 other outlets across the country.

Brendon Gurd (School of Kinesiology and Health Studies) explains in the Globe and Mail that the 'Talk Test' can determine if everyone is exercising at the same intensity.

Sharry Aiken (Law) discussed the Canadian Border Agency deporting illegal immigrants with the Toronto Star.

Betsy Donald's (Geography and

Planning) co-authored piece for The Conversation about Canada's need to lead in the global race for better mobility appeared in the National Post.

Galen Watts' (Cultural Studies) piece for The Conversation about how popular 'self-help' philosophy could hinder our approach to public policy appeared in the National Post.

Christian Leuprecht (Political Studies, School of Policy Studies) says, in the National Post, that if Canada bans all handguns he could see more guns starting to come across the border.

Robert Wolfe (School of Policy Studies) says Canadian negotiators should scream and yell and pound the table and say we have to have Chapter 19 – and then give it up for something better, in an article published by the Calgary Herald.

John S. Andrew (School of Environmental Studies, Smith School of Business, School of Graduate Studies) says the Toronto Real Estate Board wouldn't have fought so hard if there wasn't a lot at stake, in the Toronto Star.



ONLINE

Kenneth Wong (Smith School of Business) says in CBC Online that the Simons campaign selling bras named after famed Canadian women is marketing at its worst.

Emily LeDuc (History) discusses the film Hotel Mumbai that depicts the Mumbai terror attacks that left 164 people dead, in her co-authored piece for The Conversation.

Nicholas Bala (Law) spoke to The Lawyer's Daily about a request to the Ontario Court of Appeal by a First Nations man to allow a dispute over child support to be determined by traditional Indigenous laws rather than those of the province.

Jonathan Rose (Political Studies) told Newsline average Conservatives may wonder why Premier Doug Ford is involved in an issue that is no longer vital in the minds of voters.

Korey Pasch (Political Studies) says, in his piece for The Conversation, that disaster death tolls are notoriously difficult to determine accurately.



David Skillicorn (School of Computing) says the best defence is having a good backup system, in response to small Ontario towns paying ransom after hackers hold computer systems hostage, in an article by Yahoo! Canada.

TELEVISION

Ryan Mulligan (Engineering) commented on CKNW's Simi Sara show on Hurricane Florence.

Bruce Pardy (Law) appeared on The Agenda with Steve Paikin talking about legal questions around the Ontario government's decisions on energy.

Kathy Brock (Political Studies, Smith School of Business, School of Policy Studies) discusses the fine points of the clause and how it could be used, with City-TV.

Antonio Nicaso (Languages, Literatures and Cultures) was interviewed by CBC about the public slayings of Alberto Iavarone and Angelo Musitano.

Christian Leuprecht (Political Studies) appeared on CTV National



News Network talking about marijuana policies in the military.

Jonathan Rose (Political Studies) says Canadians consistently rank the Charter as one their most prized institutions and some may conclude Premier Doug Ford is against it, on CTV National Network News.



RADIO

Ed Struzik (School of Policy Studies) warns that Canada is not prepared as shipping increases in the Arctic, NPR; joined CBC's The Current to discuss how climate change is affecting the Arctic.

MAGAZINE

Kathy Brock (Political Studies, Smith School of Business, School of Policy Studies) says in Maclean's Magazine that given one of the clear indications of voter disillusionment is governments coming in and not doing as they said, Doug Ford will likely retain his base after using the notwithstanding clause.

GrindSpaceXL grows cohort for 2018 program

BY COMMUNICATIONS STAFF

Connecting fans with team sponsors, creating a fitness apparatus for people with mobility issues, and tracking and managing well water data are just a few of the problems being addressed by business ventures joining the 2018 GrindSpaceXL cohort.

The GrindSpaceXL program at Queen's Innovation Park – now working with its sixth cohort – is an intensive 12-week business acceleration program that helps high-potential startups to improve customer traction, grow sales, and prepare for investment. Unlike other acceleration programs at Queen's, GrindSpaceXL takes place in the fall at Innovation Park and is focused on companies which already have a product de-

veloped. Additionally, GrindSpaceXL is open to community ventures as well as businesses started by Queen's students and graduates.

Thanks to the high calibre of this year's applicants, nine teams in total were chosen for the 2018 program, making this the largest cohort yet.

"We are very pleased to be providing leadership and advice to the incredible caliber of ventures developing in the region and through on campus programs," says Jim Banting, Assistant Vice-Principal (Partnerships and Innovation). "We believe that the expertise and resources that we can provide to these entrepreneurs will help them grow their ventures and take them to the next level."

2018 GrindSpaceXL Cohort

Aorte Fitness – a kinetic resistance apparatus that has applications including use by the fitness and defence industries.

AquaSwift – a water analytics company primarily focused on providing rural households and water organizations an effective way to track and monitor their water via sensor technology.

BizSkills Academy – a virtual start-up accelerator which delivers training programs to early-stage entrepreneurs, connects them to experts and mentors, and helps them access seed funding.

FanSaves – a digital platform that helps increase sponsorship sales and visibility for junior and professional sports teams while growing fan engagement 365 days a year.

JIC Design – sharing of student data across school boards, colleges and schools to improve dual credit and e-learning registration processes for educational

institutions.

Meta Innovation Technologies – a multi-platform interactive educational software solution that overcomes the competency gap of new hires and provides on-demand knowledge for continuing professional development.

Phoenix Armour – a composite ballistic armour that is lightweight, breathable, cool, flexible, and able to fit virtually any body shape or form. It provides unprecedented protection from ballistics, shrapnel, fragments, and explosive blasts.

StayBilley – an online accommodation service connecting like-minded guests and hosts. StayBilley pairs a home sharing model with interests, events, and activities.

Tune n' Tone – an exercise device that supports the building of core strength and can be used by people with limited mobility.

During their time in the GrindSpaceXL program, participants will receive a wide variety of support from the Queen's Office of Partnerships and Innovation, the Queen's Business Law Clinic, Launch Lab, and Kingston-based accounting firm Secker Ross and Perry LLP, along with the many years of experience of the program's facilitators. In addition to these resources, the cohort members will also benefit from interacting with fellow entrepreneurs in weekly discussions.

Once the program is complete, the ventures will still be able to

benefit from the many resources available through Innovation Park at Queen's University, including incubation space.

GrindSpaceXL ventures have often made their first sales during the program, and many have gone on to achieve success in their industries. GrindSpaceXL alumni include FireRein, Mesh-Scheduling Inc. (previously Canarmony), Rillea Technologies, RockMass Technologies, and Mero Technologies.

The program officially began on Monday, Sept. 10 and will run until early December, when ven-

tures will again pitch their businesses after developing and refining their business models over the three-month period.

GrindSpaceXL is supported by the National Research Council – Industrial Research Assistance Program, and is just one of the feature programs in the suite of services offered by the Queen's Office of Partnerships and Innovation, Launch Lab, and the South-eastern Ontario Angel Network under the InnovationXL banner.

For more information about the GrindSpaceXL program, visit grindspacexl.com.

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Queens China Liaison Office director receives award

BY SARAH LINDERS, SENIOR COMMUNICATIONS OFFICER

As a representative for Queen's in China, Zhiyao Zhang keeps a busy schedule of connecting students with resources, managing collaborative programs with partners, and volunteer work. Recognition from the Shanghai Government has brought him international attention as a Shanghai Magnolia Award recipient.

The magnolia is the official flower of the city. The Magnolia Award is recognition from the Shanghai Government to foreigners who work in Shanghai and make great contributions to Shanghai's development. Awards are granted to those working in economy and trade, finance, education, tourism, and communications. Roughly 50 foreigners are recognized every year since its inception in 2000. Many recipients are CEOs and chairs of national and multinational companies.

"My case was a little different. I was chosen for my work as a Canadian university representa-



SUPPLIED PHOTO

Zhiyao Zhang, Director of Queen's China Liaison Office, accepts the Magnolia Award alongside Weldon Epp, Consul General, Canadian Consulate General in Shanghai.

tive," says Dr. Zhang, Director of the Queen's China Liaison Office. "I didn't expect the award, and I'm happy and honoured."

The Queen's China Liaison Office was established in 2007, located at Fudan University in Shanghai. The office seeks opportunities for academic and research collaboration with Chinese uni-

versities and government offices, recruitment of undergraduate and graduate students for degree programs at Queen's, and maintaining links with Queen's alumni in China.

Dr. Zhang's nomination was the result of over a decade of work representing Queen's with Fudan University, Tongji University,

Shanghai University of Finance and Economics (SUFU), China Executive Leadership Academy Pudong (CELAP), and the Municipal Government Foreign Affairs Office in Shanghai on collaborations in research, graduate and undergraduate exchange programs, degree programs, and official training programs.

"As a Queen's representative, I think this award will help to promote the office and Queen's in general in Shanghai, and more broadly in China," says Dr. Zhang. "This recognition helps to build trust. Trust building is important but not easy in China, no matter what business you're in."

Dr. Zhang says the award is a result of teamwork. He works closely with people from home campus and Shanghai, initiated and coordinated high profile programs, including:

- The establishment of Sino-Canada Centre for Environment and Sustainable Development, in partnership with Fudan and Tongji University,
- The Centre for Canadian

Public Policy Studies at Fudan, working with Fudan University with the support of the Canadian Embassy in China and Consulate General in Shanghai,

- High-profile Sino-Canada Conferences organized, such as The Sino-Canada Water Forum and the Sino-Canada Environmental Governance Roundtable, and
- A Canadian Study Lecture Series at Fudan created to provide a platform for Queen's faculties to lecture at Fudan.

Indirectly related to his work, Dr. Zhang also contributes his time as a volunteer at the World Wildlife Fund (WWF) Shanghai Projects Office to promote nature education and works with a freelance ecologist and a farm manager to start the Good Earth Project, promoting eco-friendly agriculture and environment education.

Both WWF and Good Earth Projects have now become informal research and teaching sites for Queen's faculties and visiting students in Shanghai.

grad studies

THESIS DEFENCES

Tuesday, Sept. 25

Ehsan Noei, Electrical & Computer Engineering, 'Succeeding in Mobile Application Markets (From Development Point of View)'. Supervisor: Y. Zou, 302 Walter Light Hall, 10 am.

Tuesday, Sept. 25

Jackson Edmund Tait, History, 'The English State Lottery-Loan and the Origins of Modern Public Finance in the Atlantic World, 1694-1826'. Supervisors: S.M. den Otter; J. Collins, 402B Gordon Hall, 9:30 am.

Tuesday, Sept. 25

Ru Zhang, Mathematics & Statistics, 'Modeling and Analysis of Dynamic Computer Experiments'. Supervisors: C.D. Lin; P. Ranjan, 521 Jeffrey Hall, 9:30 am.

Thursday, Sept. 27

James Gardner Gregory, Neuroscience Studies, 'Estrogens in the BNST: State-Dependent Modulation of Inhibitory Synaptic'. Supervisor: E.C. Dumont, 122 Bracken Library, 9 am.

Thursday, Sept. 27

Midori Ogasawara, Sociology, 'National ID Systems and Techniques of Population Control: The Development of Surveillance-Assisted Political Economy from Colonial to Neoliberal Times in Japan'. Supervisor: D. Lyon, 402B Gordon Hall, 2:30 p.m.

Thursday, Sept. 27

Yu Su, Chemistry, 'Intramolecular Rhodium-Catalyzed Ene-Cycloisomerization Reactions of Thioether and Triorganosilane Con-

taining Alkenylidenecyclopropanes: Novel Metal-Mediated β -Sulfide and β -Silyl Elimination Reactions'. Supervisor: P.A. Evans, 300 Chernoff Hall, 1 pm.

Friday, Sept. 28

Idevânia Geraldina Costa, Nursing, 'The Journey Toward Engagement in Self-Care Management of Diabetic Foot Ulcer: A Constructivist Grounded Theory Study'. Supervisors: M.d.P. Camargo Plazas; D. Tregunno, 92 Barrie St., Rm108, 9:30 am.

Friday, Sept. 28

Sepideh Dolatabadi, Economics, 'Issues in International Macroeconomics and Finance: A Time-Series Analysis'. Supervisors: A.C. Head; A.W. Gregory, A516 Mac-Corry Hall, 1:30 pm.

Friday, Sept. 28

Bill Dorval, Economics, 'Essays on Banking, Credit and Money and their Relationship to Output, Population and Productivity'. Supervisor: I. Keay, A516 Mac-Corry Hall, 10 am.

Friday, Sept. 28

Safwat Mohamed Ibrahim Hassan, Computing, 'Studying User-Developer Interactions Through the Distribution and Reviewing Mechanisms of the Google Play Store'. Supervisor: A.E. Hassan, 524 Goodwin Hall, 9:15 am.

Friday, Sept. 28

Lois Elaine Klassen, Cultural Studies, 'Ethics and Participation in Art: Reading the Migration Library and other methods'. Supervisor: D. Naaman, 307 Isabel, 11 am.

Friday, Sept. 28

Aislinn Clare McDougall, English Language and Literature, 'Compost-modernism: A Theory for the Infiltration of Digital and Internet Technologies in Twenty-First Century American Fiction'. Supervisor: M. Wallace, 517 Watson Hall, 10 am.

Thursday, Oct. 4

Qiang Wang, Mechanical and Materials Engineering, 'Effect of Ion Irradiation on Mechanical Properties of Zr-2.5Nb Pressure Tube Alloy Studied by Instrumented Nanoindentation'. Supervisor: M.R. Daymond, 227 Nicol Hall, 9:30 am.

Friday, Oct. 5

Andrea Brennan, Kinesiology & Health Studies, 'Investigating Metabolomic and Phenotypic Changes Following Exercise Training and Corresponding Implications for Cardiometabolic Risk'. Supervisor: R.M.J. Ross, 212 Kinesiology Bldg., 2 pm.

Tuesday, Oct. 9

Denver Harrison Cowan, Mining Engineering, 'The Atmospheric Oxidation of Pyrite Promoting Maximum Elemental Sulphur Yield Due to the Presence of Carbon Catalyst'. Supervisor: A. Ghahreman, 350 Goodwin Hall, 1:30 pm.

Friday, Oct. 12

Christine Elizabeth Lambert, Psychology, 'Childhood Parental Invalidation and Young Adult Non-Suicidal Self-Injury'. Supervisor: R.R. Holden, 228 Humphrey Hall, 10 am.



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Making Aboriginal education accessible

A Métis student has created an online resource to help teachers learn about Aboriginal education

BY COMMUNICATIONS STAFF

Grade school teachers in Canada may wish to educate their students about Indigenous Peoples in Canada, but might be unsure where to start. Recognizing this gap, Queen's student Olivia Rondeau recently launched a new website to support Canadian educators looking to delve deeper into Indigenous matters.

Teaching Aboriginal Education, or TAE for short, is a free online resource, which offers lesson plans, community resources, and a blog to support educators and foster reconciliation.

"Teaching Aboriginal education is so important to the reconciliation and healing process of so many students and their family members," says Ms. Rondeau. "As teacher candidates, we learn so much about the importance of teaching First Nations, Métis, and Inuit curriculum, but I found that many people were unsure of the resources and community supports available to assist them. So, I created an Aboriginal education website to make it more accessible to teachers."

Ms. Rondeau hopes that teachers use the materials on the site as a resource to create culturally relevant curriculum in their classrooms so that Aboriginal students can feel represented, valued, and safe in classroom and school communities. While the site was originally created as part of a class project, she intends to continue updating the site throughout the year.



Olivia Rondeau created a website to support grade school teachers looking to educate their students about Indigenous Peoples.

"As someone who is Métis and a teacher candidate, this project was special because I recognize the importance of teaching Aboriginal perspectives, experiences, and initiatives both as a student and as a future teacher," she says.

The project also gets top marks from the Faculty of Education. Lindsay Morcom, a professor in the Faculty of Education, says Ms. Rondeau has done an "outstanding job."

"I am constantly impressed by Liv's commitment to creating positive change and presenting learning opportunities to others," she says. "In this resource, and in all she does, Liv shows us that the path toward reconciliation will be guided by brilliant young Indigenous leaders."

Ms. Rondeau's site can be found at teachingaboriginaleducation.weebly.com.

Research takes flight

Luc Martin takes to the skies with the Snowbirds to study team dynamics

BY ANNE CRAIG,
COMMUNICATIONS OFFICER

Anyone who has been to an airshow in Canada is probably familiar with the Canadian Forces Snowbirds, a military flight demonstration team that thrills spectators with their aerobatic performances. Since 2015, Queen's University researcher Luc Martin, an expert in team dynamics, has been working with the Snowbirds in their high-risk environment where effective communication is critical.

In early June, Dr. Martin, a professor in the Queen's School of Kinesiology and Health Studies, took to the air with the team during a media flight which gave him an even deeper appreciation of the communication and teamwork that occurs between formation pilots during a flight.

"I likely could not do the experience justice if I tried to put it into words," Dr. Martin says. "As a researcher, it helped me to appreciate the conditions that this team must navigate, which is unlike any other group I have studied. Because they perform as a collective in such an intense, high-risk environment, they are ideal for studying team-building efforts, cohesion, leadership, and communication."

Dr. Martin's research revolves around group dynamics and the actions, processes, and changes that occur either within or between groups, and what those might mean for various individual or team level outcomes. He visited the Snowbirds' base in Moose Jaw, Sask., where he observed the pilot selection process.

The newly-selected pilots became the central figures in Dr.



SUPPLIED PHOTO

Since 2015, Luc Martin (School of Kinesiology and Health Studies), an expert in team dynamics, has been working with the Snowbirds in their high-risk environment where effective communication is critical.

Martin's investigation into how new members are chosen and integrated. He then followed their transition from newcomer to veteran (when they were involved in selecting future members), through to their retirement from the team – a timeframe that normally lasts only two years.

"I've found that the team has a very clear understanding of the type of pilot they are looking for, and skill or capability is only a part of it," says Dr. Martin. "There are many other characteristics sought and the team has purposefully included strategies throughout the selection process to identify them. It's important to recognize that while these pilots represent the elite of the elite, the success of the show (and the safety of each member) rests on their ability to work together, and this takes high levels of trust and accountability."

While few people are likely to find themselves working in such demanding environments, there are certainly important take home points that could benefit anyone who works in a team setting.

"Although having a clear understanding of the type of member you're trying to recruit is critical, you need to go one step further and design selection processes that allow you to specifically evaluate those characteristics," says Dr. Martin. "It's also necessary to show the incoming members exactly what to expect, as demonstrating clear normative expectations early can facilitate their integration into the group."

Dr. Martin published his initial observations of the Snowbirds in the *Journal of Applied Sport Psychology*. His co-author on the project was Mark Eys from Wilfrid Laurier University.



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Politics and paper towels: Disputing disaster death tolls

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



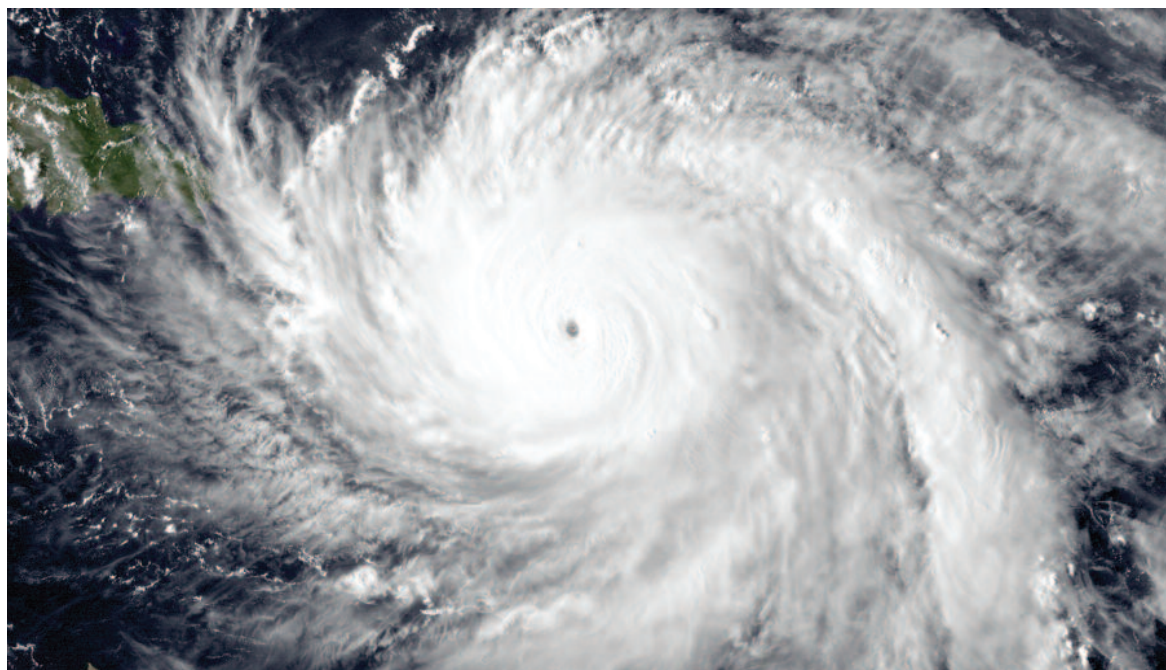
BY KOREY PASCH, PHD CANDIDATE
IN POLITICAL SCIENCE AND
INTERNATIONAL RELATIONS

Hurricane Florence's battering of the southern United States has brought natural disasters and their devastating impacts back into the daily news cycle.

The Atlantic hurricane season is in full swing and while earlier assessments predicted a normal year compared to 2017's monstrous season, 2018 is now poised to potentially set records for the number of named storms occurring simultaneously.

Layered on top of updates on Florence's strength and path in recent days, as well as warnings to citizens about how to protect themselves, was an ongoing tirade from U.S. President Donald Trump disputing the death toll of last year's Hurricane Maria in Puerto Rico.

Trump's gale of tweets was unleashed when a new study from the Milken Institute School of Public Health of George Washington University estimated a revised death toll of almost 3,000 due to



Hurricane Maria tore through the Caribbean in September 2017 and devastated the islands of Dominica and Puerto Rico.

the hurricane.

Trump's self-serving objections aside, this is not the first time Hurricane Maria's death toll had been revised. The numbers have been adjusted several times, with estimates varying from a Harvard study that pegged it between 800 to 8,500 dead to the government of Puerto Rico's confirmation in early August that 1,427 people died as a result of Maria's fury.

But more importantly, Trump's display of self-serving, defensive narcissism as he disputed Maria's death toll has demonstrated in real time what many observers and students of disasters and the politics that surround them have

long known: Disaster death tolls are notoriously difficult to determine accurately.

That's despite our best efforts, and amid obvious attempts to use these estimates for political purposes.

What's in a number?

As scholars and practitioners in the governance area of disasters have made clear, there are limitations to the accuracy of estimates for a variety of reasons.

These include the unique conditions of each disaster as it unfolds, its immediate aftermath and disputes about who gets counted and who doesn't.

As we have seen with the evo-

lution of Hurricane Maria's death toll, the numbers are subject to change and revision. In the case of Maria, the number has gone from the 16 deaths Trump cited when he visited the island and tossed half as many paper towel rolls into a crowd to the estimates of 3,000 we see the president angrily disputing today.

Because air-tight accuracy can be difficult when estimating disaster death tolls, it's unsurprising these numbers are not only contentious but are also leveraged politically. Death tolls, along with other estimates of a storm's strength, size and impact, (such as the Saffir-Simpson Scale that rates hurricanes by category), as well as damages estimated in total economic loss or insured losses, can all be used for political purposes.

Playing politics with perception

As I have written previously, disasters are immensely powerful and costly events that spawn a variety of responses and strategies.

While novel financing mechanisms and insurance strategies are certainly one way to address them, another is to manage the public's perceptions regarding a particular natural disaster.

Political strategies aimed at shifting public perceptions are obviously nothing new, but they're becoming even more important given the effects of climate change and increasingly intense weather systems. Trump's howls of outrage over Hurricane Maria's estimated death toll are likely aimed at changing public perceptions about the scope of the disaster, but it's important to understand that he's hardly an innovator in this area.

Indeed, studies have shown that even the declaration of states of emergency within the United States are subject to political con-

siderations. Researchers have demonstrated that FEMA disaster payments in different states are dependent on political considerations due to upcoming elections and races important to the president and his party.

Other governments have leveraged disaster death tolls and other statistics for political purposes. In his 2015 book *The Disaster Profiteers: How Natural Disasters Make the Rich Richer and the Poor Even Poorer*, John Mutter highlighted two cases in which governments have utilized death tolls for political purposes: Haiti in the aftermath of the 2010 earthquake, and Taiwan following Typhoon Morakot that struck the country in 2009.

What is most interesting about these two examples is that the death tolls were used for contrasting purposes.

In the Haitian case, Mutter points to evidence that the government inflated the death toll due to the earthquake in order to solicit more donations and humanitarian aid.

Mutter says the government of Taiwan, on the other hand, chose to downplay the number of dead in the aftermath of the typhoon. This was due to a desire to be viewed as in control as well as more developed, as higher death toll numbers would negatively impact public perceptions of Taiwan.

What Florence and the inevitable storms to follow should underscore is that it's important to remain critical of the narratives that are presented in the aftermath of these events. Politicians have many reasons to both underestimate and overestimate death tolls in the aftermath of natural disasters.

While we should continuously strive for the most accurate assessments of the impacts of these events, politics will continue to play an important role in which figures receive primacy and why.

Korey Pasch is a doctoral candidate in the fields of International Relations and Comparative Politics in the Department of Political Studies at Queen's University.

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.

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UNIVERSITY COMMUNICATIONS

QES-AS program members from left to right: Enkh-Oyun Tsogzolbaatar, Supaporn Trongsakul, Colleen Davison, Katemanee Moonpanane, Heather Aldersey, Susan Thanabalasingam, Eva Purkey, Ariuntuya Sakhiya, and Dédé Watchiba. Not pictured: Luc Kalisya Malemo and Susan Bartels.

Scholarship promotes maternal and child health equity research

BY SARAH LINDERS, SENIOR COMMUNICATIONS OFFICER

A Queen's University program focused on maternal and child health equity is one of 20 Canadian university programs that received funding from the Canadian Queen Elizabeth II Scholarships – Advanced Scholars (QES-AS) program.

A Research Collaborative for Global Health Equity (ARCH) received \$449,000 in funding to support research projects among the visiting scholars and associated faculty.

The QES-AS focuses on institutional capacity to strengthen partner institutions from the Global South. It is expected to engage approximately 420 researchers in international research projects, contributing to improved global talent exchange between Canada and other nations.

This year, the six advanced scholars that visited Queen's came from a range of backgrounds, from a practicing general surgeon to a government health official to PhDs of political science, biostatistics, and nursing. The scholars include Dédé Watchiba and Luc Kalisya Malemo from the Democratic Republic of Congo, Ariuntuya Sakhiya and Enkh-Oyun Tsogzolbaatar from Mongolia, and Katemanee Moonpanane and Supaporn Trongsakul from Thailand. Their common cause is equity in maternal and child health

research and services.

"I'm currently focused on a literature review, because one of the aims of the scholarship is to improve the capacity of the researchers. I have never done a literature review, so I get to work with a mentor to conduct it," says Dr. Moonpanane, Postdoctoral Scholar (Nursing) with Mea Fah Luang University in Chiang Rai, Thailand. "The experiences that I gain here, I can teach to those in my faculty."

Dr. Moonpanane is also working on a research project to raise the accessibility and quality of maternal and child health in Thailand, with the hopes of translating her findings to other countries as well.

The three months that the scholars spend at Queen's are full of research, projects, and collaboration. A third of the scholars' time is spent on each individual research, collaborative research and a community-based research placement.

"I have my own research project, which I try to share with the team for their points of view and feedback, and there is also a group project between all of us on parenting in adversity," says Dr. Watchiba, professor of political science and administrative science with the University of Kinshasa. "On top of these projects, we're also each involved in projects to support a local community organization. I'm working with HARS, the HIV/AIDS Regional Service, to

review their strategic plan, determine if they match international standards, and help them create a monitoring design framework."

The ARCH faculty involved in the QES-AS program include Heather Aldersey (School of Rehabilitation Therapy), Susan Bartels (Emergency Medicine), Colleen Davison (Public Health Sciences) and Eva Purkey (Family Medicine).

"Hopefully the 90 days that these Advanced Scholars have spent at Queen's will spark continued collaborations with both the colleagues who came to Canada and with their other colleagues and students at their home institutions," says Dr. Aldersey, Interim Director of International Centre for the Advancement of Community Based Rehabilitation (ICACBR).

Queen's researchers also participated in an outgoing exchange. As an outgoing QES-AS scholar, Dr. Bartels spent 3 months working in eastern Democratic Republic of Congo over the summer splitting her time between l'Université Libre des Pays des Grands Lacs (ULPGL) de Goma and a community research partner, HEAL Africa Hospital in the Democratic Republic of Congo. This research placement fostered inter-institutional collaboration through grant writing, co-hosting research workshops, co-writing manuscripts, and planning for future joint research projects.

Four incoming students earn Schulich Leader Scholarships

BY COMMUNICATIONS STAFF

Four incoming students at Queen's University are receiving one of Canada's largest and most prestigious STEM (science, technology, engineering, and mathematics) scholarships.

Launched in 2012, Schulich Leader Scholarships is a \$100 million program that funds 50 undergraduate scholarships across top Canadian universities annually. Scholarships of \$80,000 or \$100,000 will be awarded to the following recipients beginning their studies at Queen's this fall:

- **Sonal Gupta** (Kingston, Ont.): Ms. Gupta is a leader within her school. She has acted as a peer mentor and played for the Kingston Impact Basketball's Junior Elite League of Ontario's (JUEL) preparatory team. She is pursuing a Bachelor of Science (Honours) degree.

- **Sophia Ludovice** (Bedford, N.S.): Ms. Ludovice plans to pursue a degree in chemical engineering. She received many accolades throughout her school years, including being awarded the Nova Scotia Lieutenant Governor's Award.

- **Peter Matthews** (Petrolia, Ont.): Mr. Matthews won the Chemical Institute of Canada Award for his project on the effect of various solvents on the rate of electrolysis. He plans to study engineering.

- **Angela Choi** (Fredericton, N.B.): Ms. Choi is a pianist who has a strong passion for volunteering and the sciences. In her community, she helped at a local nursing home, school clubs, peer tutoring, and various fundraising events. Ms. Choi will be studying sciences at Queen's.

"Queen's is grateful to the Schulich Foundation for providing opportunities to so many future leaders in engineering and technology," says Ann Tierney,

Vice-Provost and Dean of Student Affairs. "We are proud of all of the Queen's Schulich Leaders, and honoured these four incoming students have chosen to continue their path of achievement at Queen's. We warmly welcome them to campus and the university community."

To date, 22 Queen's students have been recognized as Schulich Leaders – 17 of whom are currently at Queen's, with five having graduated. The program was created by philanthropist Seymour Schulich and funds 50 scholarships across Canada and 50 across Israel each year. Mr. Schulich has donated more than \$350 million to many educational and health-related causes.

"Schulich Leader Scholarships are the largest STEM scholarships in Canada. With 50 outstanding students selected each year from across Canada, this group represents the best and brightest Canada has to offer," says Mr. Schulich. "These students will make great contributions to society, both on a national and global scale. With their university expenses covered, they can focus their time on their studies, research projects, extracurricular, and entrepreneurial ventures. They are the next generation of technology innovators."

This is not the first time Mr. Schulich's philanthropy has benefited Queen's. In 2016, Principal Daniel Woolf and Mr. Schulich donated books from their personal collections to create the Schulich-Woolf Rare Book Collection. Mr. Schulich wants to build one of Canada's top English rare book collections, so he donated additional funds to acquire new books. Recently a 1493 coloured Nuremberg Chronicle was added to the collection. In 2017, one of the world's oldest printed English-language books, a 1482 copy of Polychronicon, was purchased.

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events calendar

Wednesday, Sept. 26, Noon-1pm Tau Lewis Artist Talk Agnes Ethington and Gender Matters Series

Tau Lewis is the guest of the Gender Matters and Agnes Ethington Lunchtime Dialogue Series. Lewis will discuss the sculptural work in her exhibition in the context of her artistic practice, which centres on Black identity, adaption and survival, diasporic bodies and the environment, and self-preservation and healing. This event is free and open to the public. Agnes Ethington Art Centre, Atrium.

Thursday, Sept. 27, Noon-1 pm Policy Talks: Pascale Champagne - Water Policy in Canada

Water governance is an important mechanism that protects water resources around the world. This talk will address water resource-related responsibilities at different levels of government across Canada. Pascale Champagne is the Canada Research Chair in Bioresource Engineering and a professor in the Department of Civil Engineering. She is also the director of the Beaty Water Research Centre, which brings together faculty from across disciplines to collaborate on research into water-related issues. Robert Sutherland Hall, Rm. 202

Thursday, Sept. 27, 1-2:30 pm Living Our History: Why We Do What We Do

Join SNID for this talk by Michael Doxtater, QNS in the Department of Global Development. Direct and collateral victims of Indian Residential Schools (IRS) were recognized by Prime Minister Stephen Harper in the Apology for Indian Residential Schools of 2006. He clearly said that

IRS students, families, and communities were tragically affected. This presentation depicts a personal lived history in contemporary times through initiatives like Jordan's Principle, Shannen's Dream, Rekindling Our Fires, and the Pink Feather Project that demonstrate resilience in social entrepreneurship and grass-roots communities. Mackintosh-Corry Hall, Rm. D214

Saturday, Sept. 29, 1-4 pm Gael's Football vs Western (Blood Battle, Queen's Football Alumni Celebration)

Join the Gaels as they take 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. The team with the most appointments will be crowned the 2018 Blood Battle champion on Sept. 29. Members of the Queen's football 1963, 1968, 1978 and 1983 championship teams will be recognized on field during the pre-game ceremony. Richardson Stadium

Monday, Oct. 1, 11:30 am-12:30 pm School of Nursing Academic Series: Dr Thomas Rotter

Join us for our Academic Series with guest presenter Dr. Thomas Rotter, "Development, implementation and evaluation of clinical pathways for COPD in Saskatchewan". This is a lunch and learn event, so we ask that you bring your lunch with you. Email us at nursing@queensu.ca with any questions you may have. This event is free, and open to all. Cataraqui Building, Rm. 108

Monday, Oct. 1, Noon-1 pm The Role of Women in

Haudenosaunee Communities

Kanonhsyonne Janice Hill, Director of Indigenous Initiatives, will speak about gender identity and inclusion in Haudenosaunee culture. Kanonhsyonne Janice Hill has dedicated her career to furthering Indigenous education and advocating for Indigenous communities. She currently serves as the inaugural director of the Office of Indigenous Initiatives at Queen's. In her role, she works to drive progress on Indigenous initiatives across the university, promote an understanding of Indigenous histories and perspectives within the Queen's community, and

provides guidance and support in Indigenous education. Ban Rich Centre

Monday, Oct. 1, 7-9 pm Shalini Kantayya @Sustainability Week 2018

Queen's University Sustainability Week 2018. Join us for an evening of engaging conversation with Shalini Kantayya, an award-winning filmmaker with a focus on storytelling that offers solutions to our most pressing environmental issues. Kantayya's production company 7th Empire Media works to create a culture of human rights and sustainability

through imaginative media. She most recently directed Breakthrough for National Geographic: a series profiling trailblazing scientists who will transform our future (executive produced by Ron Howard). Her latest film is Catching the Sun, a feature documentary that explores the race for the clean energy future through the stories of solar entrepreneurs in the U.S. and China. This event is free and open to all. Registration via Eventbrite at <https://www.eventbrite.com/e/shalini-kantayya-at-sustainability-week-2018-tickets-50180138144>

ACROSS

- 1 Rustle
- 6 Districts
- 11 ___ time (never)
- 15 Pekoe et al.
- 19 Rain forest denizen
- 20 Tape spools
- 21 Aphids, e.g.
- 22 Rick's flame
- 23 Skin, for one
- 24 T-men
- 25 Fair-play advocate
- 27 Artist's résumé
- 29 Ted of "Blossom"
- 30 Orgs.
- 31 Pro-shop purchase
- 32 "Who cares?"
- 33 Cold and unfriendly
- 34 Southern sch.
- 35 Appearances
- 39 Andy Taylor's boy
- 41 Collected, informally
- 45 Hotelier Helmsley
- 46 Director Benedek
- 49 Drinks unhurriedly
- 50 Chemical suffix
- 51 Belief suffix
- 52 Roger Rabbit's buddies
- 54 Not suitable for kids
- 57 PC brains
- 58 Pickable
- 60 Oater author Grey
- 61 Selena Gomez, e.g.
- 62 Eidolon
- 63 Glenn Miller's instrument
- 65 Yellowish brown
- 66 Bright reflections
- 67 Arledge of TV
- 68 Amazon.com's business
- 69 Orchard production
- 70 Loveseat
- 72 Current tendency
- 73 August irritation
- 76 Mousse, for a mane
- 77 Le Mans legislature
- 78 Wriggly
- 79 Normandy town
- 80 Some Shoshoneans

DOWN

- 1 ___ Canals
- 2 "___ in Cincinnati"
- 3 Verdi villain
- 4 Leonidas, e.g.
- 5 Said without saying
- 6 Pisa's river
- 7 Sphere
- 8 Weird
- 9 Rubbing ___
- 10 Deflation sound
- 11 ___-Lorraine
- 12 Inebriated
- 13 Sgts.
- 14 Poetic preposition
- 15 Histologist's focus
- 16 Shady trees
- 17 Straight ___ arrow
- 18 Without, in Paris
- 26 Chores
- 28 Processing charge
- 29 Nintendo console
- 34 SoCal enforcers
- 35 Tease amorously
- 81 Indicate
- 82 Thoroughbred great
- 84 "___ the Walrus"
- 85 Rock's Steely ___
- 86 Stable color
- 87 Author Rogers St. Johns
- 89 Likely
- 91 Rare-earth element
- 93 Libertine
- 95 ___ the future (divine)
- 97 Fabergé art object
- 98 Foot: prefix
- 99 Supermarket ID
- 102 Switch settings
- 103 Sao ___
- 106 Lifeline locale
- 107 Convey
- 111 VIP element
- 113 Stage whisper
- 114 Maj.'s superior
- 116 Musical finale
- 117 Tar: Sp.
- 118 Alarm
- 119 Nintendo forerunner
- 120 Yankee nickname
- 121 Houseplant perch
- 122 Cambodian
- 123 Snooped

- 36 Norse pantheon
- 37 Finishing school grading category
- 38 Painter Eric
- 40 Like "smog," amongst words
- 41 Nothing: Fr.
- 42 Illegal-alien's fear
- 43 Working layout, e.g.
- 44 Wrens' homes
- 47 Last Stuart queen
- 48 Compass reading
- 49 Sky twinkler
- 53 Endangered layer
- 55 Stay in the auction
- 56 Figure skating jump
- 57 Certain Stickleys
- 59 Chews the scenery
- 62 Surplus
- 64 Dutch African
- 65 Bothered
- 66 Linda and Dolores
- 68 Inventor Rubik
- 69 Guys
- 70 Den's kin
- 71 Wear away
- 72 Al Gore's st.
- 73 Contemptible one
- 74 Bias
- 75 Similar: prefix
- 77 Join by sewing
- 78 Make do
- 81 Actor Sheehan
- 83 Studio apartment's layout, e.g.
- 86 Harshness
- 88 Liesel's language
- 90 Italian rice dish
- 92 Add amrno
- 93 Investment property
- 94 A bit off
- 96 Sister of Helios
- 98 Quiz show group
- 100 King of Troy
- 101 Key group
- 103 Type size
- 104 Love, to Livy
- 105 Hair style
- 106 Spy Mata
- 108 Aert van der ___
- 109 Certain TVs
- 110 Went like the wind
- 112 Recipe amt.
- 113 Invite
- 115 Pot top

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Gaels claim titles at season-opening Queen's Invitational

BY COMMUNICATIONS STAFF

The home course of the next two U Sports national championships saw its first run of the season as the Queen's Gaels hosted their annual Invitational at Fort Henry Hill on Saturday, Sept. 15.

On the women's side, it was a clean sweep of the podium for the Gaels who also held down the fourth and eighth spots. Rookie runner Brogan MacDougall led the way finishing first in a time of 29:04.72 in the 8km race. Shortly behind MacDougall were Taylor Sills at 30:36.03, Makenna Fitzgerald at 30:36.72 and Jade Watson at 31:25.75. As a team, the Gaels finished first with 18 total points followed by Laurier at 42 and Nipissing at 79.

The Queen's men swept the top five placings at the race and secured a perfect team score of 15 to claim the overall title. Laurier was the next closest team at 54 total points.

Mitchell de Lange finished in the top spot for Queen's in a time



PHOTO BY ROBIN KASEM

In her first cross country race at the university level, rookie runner Brogan MacDougall claimed the Queen's Invitational title, finishing first in a time of 29:04.72 in the 8km race at Fort Henry.

of 25:49.59 while Brett Crowley at 26:16.34, Matthew Flood at 26:20.34, Ruben Sansom at 26:30.18 and Mitchell Kirby at 26:43.28 rounded out the top five for Queen's.

The 8km course at Fort Henry will be the home of the next two U Sports national championships as Queen's University will host the 2018 and 2019 competitions.

With the defending OUA Champion Branna MacDougall sitting out the race it was her younger sister and rookie Gael Brogan MacDougall who led the way for Queen's with an impressive first-place finish in her first ever university race.

GOLF

The Queen's Gaels men's golf team picked up a pair of wins on

the weekend of Sept. 15-16 with outstanding performances at the Carleton Invitational and the Bert Kea Queen's Invitational. Led by rookie Zachary Greifenberger, who shot a 2-under 70 for the individual win, the men's team grabbed the top spot for the tournament.

Next, they headed home for the Bert Kea Queen's Invitational and had a repeat performance. Greifenberger picked up his second individual win with another 2-under (68), as the Gaels earned their second team win edging Guelph by one stroke.

Women's Golf

The Queen's Gaels women's team had similar success as they also snagged the top spot of the Carleton Invitational. Team captain Robyn Campbell finished with a 7-over (79) to finish one shot back of the individual lead. Second year Jacquie Miller shot a 9-over (81) to win the bronze medal.

At the Bert Kea Queen's Invitational the women finished behind

the Waterloo Warriors for a 2nd place finish. Campbell once again performed well as she finished with a 7-over (81) for the silver medal.

The Gaels second team had a strong outing as well as they finished with the third best team total on the women's side.

Cycling

The Queen's Gaels opened their season Saturday, Sept. 15 with some good results at Albion Hills Conservation Area. Andrew Jonker finished first in the men's A race while Chris Hatton finished third. In the men's B race Ben Ernewein grabbed second place, while Hanna Girndt won the women's B race.

The next day, the team was back at it in Mansfield, Ont. Despite the heat and humidity the team finished strong with multiple podiums. Jonker won the men's A race again with Evan Mant finishing third. Hannah Simms finished second in the women's A race while Girndt placed second in the women's B.

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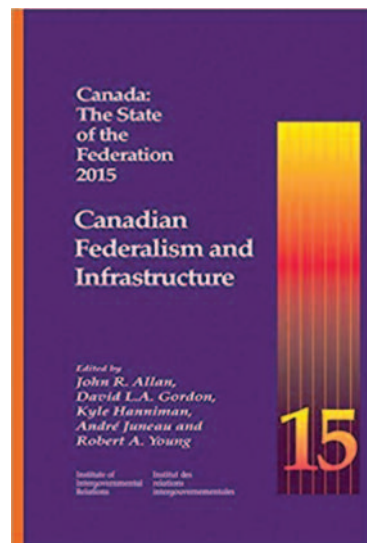
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books

Canada: The State of the Federation 2015 - Canadian Federalism and Infrastructure

By **John R. Allan**, fellow and former director of the Institute of Intergovernmental Relations; **David L.A. Gordon** (School of Urban and Regional Planning and Department of Geography and Planning); **Kyle Hanniman**, associate director of the Institute of Intergovernmental Relations; **André Juneau**, fellow and former director of the Institute of Intergovernmental Relations.



Renewing and expanding national infrastructure is critical to the wellbeing and productivity of Canadians and is one of the foremost challenges confronting our federal, provincial and municipal governments. Not only are the required investments dauntingly large for all three levels of government, but so too is the required level of intergovernmental cooperation if our goals are to be realized. The *2015 State of the Federation* volume advances our understanding of these infrastructure challenges and identifies how best to resolve them.

The contributors to the volume provide historical or international comparative perspectives and utilize legal, economic, or administrative approaches to examine the nature and magnitude of the so-called infrastructure deficit and the question of how best to finance the necessary investments. The possible roles played by deficits and debt are considered, together with options such

as public-private partnerships and asset recycling, and a possible Aboriginal resource tax to finance the on-reserve infrastructure needs of First Nations. Considerable attention is also paid to pricing the use of infrastructure both to achieve efficiency in use and to avoid excess demand and an exaggerated perception of the required level of investment.

Other contributors examine the infrastructure-investment-decision processes at the federal and provincial levels and consider the optimal allocation of responsibility for infrastructure investments among the different levels of government, and the related issue of the role of intergovernmental transfers to underwrite this allocation.

for the record

COMMITTEES

Selection Committee appointed for the Head, Department of Biomedical and Molecular Sciences

Dr. Michael Adams will be stepping down as the head of the Department of Biomedical and Molecular Sciences effective June 30, 2019. In accordance with the terms of the Collective Agreement between Queen's University and the Queen's University Faculty Association a selection committee has been established 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. The membership of the committee includes:

- Dr. Sheela Abraham, Assistant Professor, Department of Biomedical and Molecular Sciences
- Dr. John Allingham, Associate Professor, Department of Biomedical and Molecular Sciences
- Dr. Stephen Archer, Head, Department of Medicine
- Dr. Bruce Banfeild, Professor, Dept. of Biomedical and Molecular Sciences
- Dr. Andrew Craig, Associate Professor, Department of Biomedical and Molecular Sciences
- Dr. Nader Ghasemlou, Assistant Professor, Department of Biomedical and Molecular Sciences
- Christine Irving (secretary), Senior Staffing Officer, Faculty of Health Sciences
- Dr. Michael Kawaja (chair), Associate Dean (Academic) School of Medicine
- Anita Lister, Department Manager, Department of Biomedical and Molecular Sciences
- Dr. Mark Ormiston, Assistant Professor, Department of Biomedical and

Molecular Sciences

- Matteo Siniscalco, Undergraduate Student
- Dr. Steven Smith, Professor, Dept. of Biomedical and Molecular Sciences
- Mandy Turner, Graduate Student
- Dr. Xiaolong Yang, Professor, Department of Pathology and Molecular Medicine

At this time, all members of the university and health sciences community are invited to comment on the present state and future prospects of the Department of Biomedical and Molecular Sciences and to submit names of potential candidates for the headship position, including rationale for supporting each nominee.

Selection Committee appointed for the Head, Department of Public Health Sciences

Dr. 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 the Collective Agreement between Queen's University and the Queen's University Faculty Association a selection committee has been established 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. The membership of the committee includes:

- Dr. Kristan Aronson, Professor, Department of Public Health Sciences
- Dr. Colleen Davidson, Assistant Professor, Department of Public Health Sciences
- Dr. Michael Green, Head, Department of Family Medicine

- Dr. Patti Groome, Professor, Department of Public Health Sciences
- Christine Irving (secretary), Senior Staffing Officer, Faculty of Health Sciences
- Dr. Ian Janssen, Professor, Department of Public Health Sciences
- Dr. Michael Kawaja (chair), Associate Dean (Academic) School of Medicine
- Brooke Linden, Graduate Student
- Dr. Paul Peng, Professor, Department of Public Health Sciences
- Dr. Joan Tranmer, Professor, School of Nursing
- Lee Watkins, Departmental Administrative Assistant, Department of Public Health Science

At this time, all members of the university and health sciences community are invited to comment on the present state and future prospects of the Department of Public Health Sciences and to submit names of potential candidates for the headship position, including rationale for supporting each nominee.

* * *

Submissions for both committees are to be directed to the attention of the chair, Dr. Michael Kawaja, c/o Christine Irving, Senior Staffing Officer, Faculty of Health Sciences, Macklem House, 18 Barrie St., Queen's University, Kingston, Ontario, K7L 3N6. Electronic submissions can be sent to christine.irving@queensu.ca. Please note that committee members are required to maintain confidentiality regarding the committee's deliberations; submissions, which are shared with committee members and form part of the search process, are also confidential. Anonymous submissions will not be accepted.

human resources

Successful Candidates

Job Title: Financial Clerk

Department: Family Medicine

Competition: J0518-1398

Successful Candidate: Katy Asseltine (Strategic Procurement Services)

Job Title: Financial Assistant

Department: Dunin-Deshpande Queen's Innovation Centre

Competition: J0618-0874

Successful Candidate: Katelyn Creasy (Dunin-Deshpande Queen's Innovation Centre)

Job Title: Department Coordinator and Assistant to the Head

Department: Psychology

Competition: J0718-0419

Successful Candidate: Noreen Haun (Philosophy)

Job Title: Intercultural Academic Coordinator

Department: Student Academic Success Services & Queens University International Centre

Competition: J0518-0209

Successful Candidate: Agnieszka Herra

Job Title: Maintenance Worker (Community Housing)

Department: Department of Community Housing (Housing & Ancillary Services)

Competition: J0518-0401

Successful Candidate: Kevan Williams

Job Title: Maintenance Worker (Community Housing)

Department: Department of Community Housing (Housing & Ancillary Services)

Department: Department of Community Housing (Housing & Ancillary Services)

Competition: J0518-1082

Successful Candidate: John Crowe

Job Title: Human Resources Administrator

Department: Smith School of Business, Human Resources

Competition: J0718-1096

Successful Candidate: Josh Graham (Human Resources)

PUZZLE SOLUTIONS

SWISH AREAS ATNO TEAS
OKAPI REELS LICE TISA
ORGAN NARCS SPORTSMAN
PORTFOLTO WASS ASSINS
TEE MER TCY LSU
FACADES OPIE RAKEDIN
LEONA LASLO SIPS ENE
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RIPE ZANE TEXAN GHOST
TROMBONE AMBER GLARES
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