PUTTING ON A SHOW

The African and Caribbean Students’ Association (ACSA) hosted the annual Culture Show as students and community members took to the stage at the Isabel Bader Centre for the Performing Arts, from rappers to dance troupes, from spoken word to drum groups. Under the theme of Legacy, all shared their stories, their histories, their passions. Story and more photos on page 3.

CHASING HER DREAMS

School of Nursing student Sarah Anne Cormier is working hard on the slopes in pursuit of her dream of competing in snowboarding at the 2022 Paralympics in Beijing. See story in page 4.
Principal’s statement on student sexual violence survey

On March 19, 2019, the Ontario Government released its summary report on the Student Voices on Sexual Violence Survey. More than 160,000 post-secondary students across the province completed the voluntary survey last spring. Queen’s encouraged students to take part in the survey and the results will now provide universities with information to understand the experiences of students, and help institutions respond with effective supports and services.

Queen’s University is committed to addressing the issue of sexual violence and ensuring students feel safe, secure, and supported as possible. With this in mind, I would like to acknowledge the importance of the Student Voices on Sexual Violence Survey and to thank all of the students at Queen’s and at other universities who participated. By understanding the experiences of students, universities will be able to do more to prevent sexual violence and respond to the cases and issues raised in more meaningful ways.

Sexual violence is a societal problem and we know that people of university age have a greater likelihood of being the victim of sexual assault or harassment. The summary report results demonstrate that more needs to be done in addressing the challenges of sexual violence experienced by students at all universities and colleges.

At Queen’s, there is no tolerance for sexual violence in our community; when it occurs, we take it very seriously. We are committed to continuing to do all we can to help prevent sexual violence and to ensure that survivors get the support and help they need, whether an incident occurs on or off campus, during the school year, or during a break.

Queen’s and other universities will now be closely studying the survey results as they will help us further to understand the extent of the problem and the experiences of students, and will help us enhance our processes and supports. Along with the survey result, the minister also unveiled some new measures aimed at preventing sexual violence on campus, including the creation of a task force at each institution. To meet this requirement, I have instructed Ann Tierney, Vice-Provost and Dean of Student Affairs, to transition our Sexual Violence Prevention and Response Working Group into a task force. This group’s membership will continue to include both undergraduate and graduate student representatives.

Queen’s is also currently reviewing and revising its Policy on Sexual Violence Involving Queen’s University Students (implemented in 2016) as requested by the minister. The updated draft is now online for community comment. The government has announced that it is requiring the updated policy be in place by September 2019. We welcome the minister’s announcement of a doubling of the Women’s Campus Safety Fund that supports prevention on campus across the province.

Queen’s has provided our Board of Trustees with our first Sexual Violence Report at their March 11 meeting, in accordance with the legislation that has since been proclaimed.

Over the coming months, we look forward to gaining a deeper understanding of the complete survey. The government announced it is consulting with the Privacy Commissioner before it releases the full set of results. Universities do not have the full set and will not receive them until the process is completed.

While these processes unfold, I encourage all students who experience any form of sexual violence to contact Barb Lotan, the university’s Sexual Violence Prevention and Response Coordinator at 613-533-6330 or blt@queensu.ca,

Good2Talk, a 24/7 confidential and student helpline at 1-866-925-5454, Student Wellness Services at 613-533-6000 ext. 78264, or Faith and Spiritual Life at 613-533-2286.

– Daniel Woolf, Principal and Vice-Chancellor

More than 160,000 post-secondary students across Ontario completed a voluntary Student Voices on Sexual Violence Survey last spring. The provincial government released its summary report on Tuesday, March 19.

Statement from Principal Woolf on federal budget

Government of Canada releases 2019 budget, which includes investment in work-integrated learning, internationalization

Following Budget 2018’s investment in research and innovation, Budget 2019 is a welcome investment in skills training and talent development, which will help prepare Canadians for the jobs of the future.

Investments of note for the post-secondary sector include $114 million over five years, with $26.5 million per year ongoing, to create 500 more master’s level scholarship and 167 more three-year doctoral scholarship awards annually through the Canada Graduate Scholarships training program. The budget also invests $147.9 million over five years, with $8 million per year ongoing to support the creation of new work/study abroad opportunities for Canadian students abroad, as well as to promote Canadian education internationally.

Also included in Budget 2019 were:

• An expansion of parental leave coverage for students and postdoctoral fellows receiving tri-council funding from six to 12 months.

• $25 million over 10 years to support the work of the Canadian Institute for Military and Veteran Health Research, headquartered here at Queen’s.

• Reduction of both the fixed and floating interest rates for Canada Student Loans Program borrowers, and ending interest accumulation during the six-month grace period.

• The creation of the Canada Training Benefit and Employment Insurance Training Support Benefit, to assist Canadians in re-skilling for the jobs of the future.

• Expansion of work-integrated learning through direct investment, as well as partnerships with innovative businesses and the Business Higher Education Roundtable, to create 84,000 new student work placements across Canada by 2023–24, and reach 100 per cent attainment for WIL opportunities for interested students.

• Queen’s plays a critical role in supporting economic prosperity by preparing graduates with the job-ready skills they need to compete and thrive in a changing labour market. We welcome the opportunity to engage with government on the development of targeted skills programming, and on the creation of new work-integrated learning opportunities. I look forward to hearing further details on the implementation of these and other Budget initiatives.

• Queen’s will continue to encourage the government make further investments in fundamental research, recognizing both the basic scientific discoveries and applied skills training opportunities that university-generated research provides.

– Daniel Woolf, Principal and Vice-Chancellor
Sharing their legacies

BY COMMUNICATIONS STAFF

They came, they sang, they danced, they performed, they told their stories, and they put it all on the line for their ancestors and their cultures.

The annual Culture Show, hosted by the African and Caribbean Students’ Association (ACSA) under the theme of Legacy, was held Friday, March 15 at the Isabel Bader Centre for the Performing Arts, with students and community members taking the Performance Hall stage to tell their stories.

The evening was filled with colourful, intense, and informative performances through dance, spoken word, rap, vocal, storytelling, instrumental, as well as the much-anticipated fashion show.

“This year specifically we chose to build the theme around the theme of Legacy. Legacy can mean something to each and every one. To ACSA our legacy is our strength, hope, resilience, diversity, and creation of home...of family,” says Nirosha Balakumar, ACSA president. “We wanted to take the opportunity to honor and celebrate the ancestors and acknowledge that they have carved out the spaces in which we thrive and work in today. We wished to pay homage to them for keeping our culture and traditions alive, for allowing us to continue to be a part of the diaspora by understanding our roots and histories.”

This year’s chosen charity for the Culture Show was the Vaah Junior Foundation, an organization that raises awareness on maternal mortality due to lack of adequate healthcare infrastructure and healthcare capacity in sub-Saharan Africa, particularly in Ghana. Earlier this month the ACSA executive team received the Equity, Diversity and Inclusivity Impact Award, which recognizes individuals or groups who have demonstrated involvement in, and a commitment to, social justice causes that impact the Queen’s community on a broad or small scale. The AMS club strives to be home and family for students within the African-Caribbean diaspora during their time at Queen’s and engages students from different backgrounds and lived experiences.

CFI funding helps build research infrastructure

BY COMMUNICATIONS STAFF

Queen’s University researchers have secured more than $1 million in research infrastructure funding from the Canada Foundation for Innovation (CFI) John R. Evans Leaders Fund.

“Through this support, researchers will be able to build the foundational research infrastructure required to conduct cutting-edge research, and contribute to important new developments in their fields,” says Kimberly Woodhouse, Vice-Principal (Research).

A total of 10 Queen’s researchers will receive the federal funding in a variety of fields, from the ongoing search for dark matter to investigating stem cells, to probing the transition from suicide ideation to attempts to establishing a mobile-inclusive music theatre makerspace.

The following Queen’s researchers have received funding:

Sheela Abraham (Biomedical and Molecular Sciences) has received $162,500 to further the study of cancer stem cells in relation to chronic myeloid leukaemia using systems biology. With the funding, she plans to investigate cell signalling events outside cells controlled by extracellular vesicles and look into if these extracellular vesicles may be key controllers in the aging of stem cells and how this could lead to cancer. Dr. Abraham will also investigate the possibility of using extracellular vesicles as biomarkers for chronic myeloid leukaemia, which would help doctors detect the disease more efficiently, and improve patient treatment and survival.

Joseph Bramante (Physics, Engineering Physics, and Astronomy) has received $489,970 for his research into developing novel ways to search for and detect dark matter, using its effect on stars such as the sun, and how to use neutrinos as probes of new physics beyond the Standard Model. This research relies on computer simulations of particle physics and astronomical systems such as stars, clusters, and the cosmos, as well as statistical methods aimed at exploring the many possible models of new physics to compare them with data from dozens of different experiments conducted in underground laboratories, ground-based observatories, and space.

Julia Brook and Colleen Renihan (Dan School of Drama and Music) have received $40,800 to create a music theatre makerspace in order to examine the development and implementation of music theatre activities with underserved populations, such as students in rural and on-reserve communities as well as seniors and adults with cognitive exceptionalities. Participants will work with facilitators to develop music theatre activities using acoustic and digital music tools as well as custom made sets and costumes from the makerspace.

Kenneth Clark (Physics, Engineering Physics, and Astronomy) has received $189,951 to develop a scintillating bubble chamber to support the ongoing search for dark matter. Direct detection involves the interaction of dark matter in a purpose-built detector such as that used by the PICO collaboration. This group has produced world-leading results for a spin-dependent interaction of dark matter with the backgrounds being the largest issue. The scintillating bubble chamber will identify these backgrounds, leveraging the current efforts for a significant improvement in the dark-matter hunt.

Vahid Fallah (Mechanical and Materials Engineering) has received $189,951 to further the study of selective laser melting, also called metal 3D printing. In this research program, the selective laser melting involves creating reactive/sensitive metals will be optimized for more stability and a less reactive build environment. The former will be achieved by optimizing the laser optics assembly, and the latter will be realized by strictly controlling the build atmosphere through an innovative build enclosure design.

Madhuri Koti (Biomedical and Molecular Sciences) has received $110,000 to support her research project’s goals of identifying tumour-specific genetic features that specifically associate with the tumour immune responses and whether these could aid in decision making for combination immunodulatory treatment; design optimal combination of chemotherapy and immunotherapy approaches for use with immune stimulating drugs; and develop markers of chemotheraphy-specific host immune alterations for future design of biomarker guided clinical trials to improve patient outcomes.

Bhavin Shastri (Physics, Engineering Physics, and Astronomy) has received $189,951 to further the study of selective laser melting, also called metal 3D printing. In this research program, the selective laser melting involves creating reactive/sensitive metals will be optimized for more stability and a less reactive build environment. The former will be achieved by optimizing the laser optics assembly, and the latter will be realized by strictly controlling the build atmosphere through an innovative build enclosure design.

Jeremy Stewart (Psychology) has received $200,000 to support research into identifying factors that predict the transition from suicide ideation to attempts. This transition is a pivotal target for suicide prevention, but little is known about which youth will make this shift and what processes are involved. The research will employ electrophysiology, laboratory-based behavioural observation, and real-time, daily Smartphone-based assessments to gain novel insights into the processes involved.

Aaron Vincent (Physics, Engineering Physics, and Astronomy) has received $50,000 to better determine dark matter’s origin, character, and connection to known physics. Novel new physics search techniques are being developed alongside identified techniques, including using thermal emission of neutron stars as a signature of dark matter, searches for multiply interacting massive particles at underground laboratories, the abundance of elements like gold and charting dark matter’s interactions with neutrinos.

For more information on the supported projects, or to learn more about the John R. Evans Leaders Fund, visit innovation.ca.
Pursuing a Paralympic dream

School of Nursing student Sarah Anne Cormier hopes to compete in snowboarding at the 2022 Paralympics in Beijing

BY RICHARD REZNICK, DEAN, FACULTY OF HEALTH SCIENCES

In 2017, Sarah Anne Cormier, a fourth-year undergraduate student in the School of Nursing, attended the Paralympian Search in Toronto in order to try out for running teams and development programs in Canada. While she was undergoing numerous tests of her running ability, she was also asked to fill out a form that asked her what other sports she participated in. Sarah had been snowboarding for years, but she didn’t think she should put it down. She had never really snowboarded competitively, and she didn’t want to be misleading.

When she asked a staff member working the Paralympic Search about the form, the staff member told her that she should definitely write down snowboarding. The Paralympic Committee was looking for snowboarders.

Sarah took the advice, and filling out that form ended up changing her life, because now she’s training intensely to make it onto Team Canada, with the goal of competing in the 2022 Paralympics in Beijing.

After the Paralympian Search in Toronto, Sarah was invited to a snowboarding development camp at Blue Mountain, where she made an impression on the Canadian coach for Paralympic snowboarding. The coach told Sarah that he thought she had real potential, and that he wanted to train her. Sarah agreed, and shortly thereafter started an intense training regimen for the sport.

In the summer, when there is no snow for Sarah to train on, she works on strength and conditioning in the gym five days a week. In the winter, when she can snowboard, she still trains four days in the gym on top of getting on the snow every chance she gets. Sarah estimates that this winter she has spent 50 days training on the slopes.

One of Sarah’s strongest motivations to undertake all this training — on top of her rigorous academic schedule in the School of Nursing — is to help inspire other disabled people to know that they can achieve more than they probably realize.

Sarah was born with complications from amniotic band syndrome, a condition that occurs when a fetus becomes entangled in the amniotic bands of the womb. As a result of this condition, Sarah was born missing her left leg below the knee as well as having various finger amputations on both of her hands. She has had to undergo seven surgeries throughout her life to address the complications caused by the syndrome.

When Sarah was five, her parents signed her up for Track 3, a non-profit organization that teaches children with disabilities how to ski. Sarah loved skiing, but when she became an adolescent the sport made her feel self-conscious. When Sarah skied, she did not wear her prosthetic leg, but instead used outriggers as support for balance.

This system worked great, but when Sarah was 12, she started to get uncomfortable with the feeling that people were giving her unwanted looks when she skied on one leg. She didn’t want the attention that came with skiing, but she also didn’t want to give up winter sports.

One of Sarah’s strongest motivations to undertake all this training — on top of her rigorous academic schedule in the School of Nursing — is to help inspire other disabled people to know that they can achieve more than they probably realize.

Sarah found an answer to her dilemma: snowboarding. If she took up snowboarding, she realized, she’d be able to wear her prosthetic leg. She asked her parents if she could take up the sport, and they agreed.

Even though she has been snowboarding now for 16 years, Sarah feels like she still has a lot to learn.

“Right now I’m trying to break 16 years’ worth of bad habits,” she says. But with the help of her coach and teammates, she also feels like she’s making significant progress.

And it’s clear that her hard work is paying off. In January, Sarah competed at her first provincial race in Bromont, Que. Even though she felt nervous to be competing, she didn’t let her nerves get the best of her: she won silver the first day of the event and gold the second day.

Sarah still has a lot of steps to take before she can reach her dreams of making it onto Team Canada and competing in the 2022 Paralympics. Before she can make it onto Team Canada, she’ll need to make it onto the Next Gen team. And before she can do that, she needs to compete in two different World Para Snowboard Cups and finish with competitive times.

But Sarah is well on her way to making her dream come true, and all of us in the Faculty of Health Sciences are proud of her and are rooting for her.

At the same time, Sarah says she could never have achieved what she has so far without the support of the School of Nursing.

Sarah is currently halfway through her placement in the ICU at Kingston General Hospital, and she loves how much she learns there every day. Even though her schedule can be hectic as she tries to balance late nights in the hospital with long training sessions in the gym and on the slopes, Sarah says the nursing faculty and her fellow students always do what they can to help her. When she has to be away from home for long stretches, her friends from the school will even come walk her two dogs, Odin and Atticus.

Sarah will graduate this May, and I’m very happy to share her story with you. Mostly because it’s so inspiring, but also because it shows how well rounded our students at Queen’s can be. Even though we have the most dedicated students in Canada, they’re also often people who are pursuing additional passions outside their studies.

And this is something that we embrace and encourage in the Queen’s Faculty of Health Sciences.

Before I go, I also want to share the video below with you. Sarah was gracious enough to be interviewed last year for a video series about being an Indigenous nursing student at Queen’s, and it’s well worth watching.

If you want to keep up with Sarah’s progress toward her snowboarding goals, you can follow her on Instagram @sacorms12.

Dean Reznick thanks Andrew Willson for his assistance in preparing this article, which was first published on the Faculty of Health Sciences Dean’s Blog (healthsc.queensu.ca/deans_blog).
Bank of Canada honours Queen’s excellence

Professor Ryan Riordan receives research grant while three masters students earn scholarships in economics and finance

BY COMMUNICATIONS STAFF

Ryan Riordan, an associate professor at Smith School of Business, is this year’s recipient of the Bank of Canada Governor’s Award.

The Governor’s Award is a research grant for academics who study areas that the Bank of Canada deems important. The grant is worth up to $30,000 a year over two years.

Dr. Riordan, who is also Distinguished Professor of Finance at Smith, says he is delighted to receive the award. While central banks tend to focus on the economy as a whole, his studies delve into the behaviour of individual traders, investors, lenders, borrowers and firms.

“This award is a confirmation that our research is important to the overall economy,” he says. Dr. Riordan intends to use the grant to further his research in two areas: the use and misuse of technologies in banking and financial markets; and climate change.

On climate change, Dr. Riordan says the Governor’s Award is part of the Bank of Canada’s Fellowship Program. Lawrence Schembri, deputy governor at the bank, says the program aims to “foster collaboration between our researchers and outstanding academics who are advancing knowledge in fields that support the Bank of Canada’s core functions.”

Dr. Riordan joined Smith in 2014. His research into technology’s impact on financial markets has included how high-frequency traders improve stock market efficiency and studying how automated bidders affect the behaviour of human bidders on electronic financial markets and online auctions such as eBay.

In November, Dr. Riordan received Smith’s Research Excellence Award. The annual prize recognizes outstanding research by faculty at the school.

In other news, the Bank of Canada marked International Women’s Day by announcing the recipients of the Master’s Scholarship Award for Women in Economics and Finance. Of the four winners, three are from Queen’s University.

Sanjana Bhattachar said she is pursuing a Master of Arts in Economics. Prior to this, she completed a BA Honours in Economics from the University of Calgary and worked at the Bank of Canada as a research assistant. Her areas of research include applied econometrics, macroeconomics and macrofinancial studies.

Vivian Chu is completing a Master of Arts in Economics. She completed a BSc in Financial Modelling at Western University and was a Natural Sciences and Engineering Research Council of Canada (NSERC) Undergraduate Student Research Awards recipient for two consecutive years. Her research interests include monetary economics and macroeconomics.

Stephanie Renaud is currently pursuing a Master of Arts in Economics. She completed her BA in Economics at the University of Ottawa and, as part of the co-op program, she worked at the Department of Finance and received the CO-OP Student of the Year Award for the faculty of social sciences in 2016. Her research interests include macroeconomics, fiscal policy, and monetary policy.

The award includes a $10,000 scholarship and is combined with the opportunity for permanent employment at the Bank of Canada upon successful completion of a master’s degree by a recipient.

Partnership provides interns real-world experience

BY COMMUNICATIONS STAFF

The Beaty Water Research Centre (BWRC) encourages collaborative, interdisciplinary research, education, and outreach, spanning traditional water-related disciplines, as well as non-traditional and emerging disciplines.

“One of the goals of the BWRC is to support students so they have the opportunity to succeed not only in the pursuit of their research and education while they are students at Queen’s, but also to prepare them to lead successful careers in their chosen STEM field,” says Pascale Champagne, Director of BWRC.

As part of this strategic goal, this year the centre collaborated with community research partners Loyalist Township and Quinte Conservation to secure funding to support three internships, which were co-funded by the MITACS Career Connect initiative and these community partners.

The internships provide a unique opportunity for recent Queen’s STEM graduates to gain valuable research and development experience, allowing them to apply their education to tackle real-world issues related to water management and treatment optimization of interest to BWRC community partners.

This year’s interns included Olivia Hughes, a chemical engineering graduate, Michael Pope, a graduate of the Master’s of Science program in geography and planning, and Lauren Hallwell, a graduate in environmental science.

Hughes is currently working with Loyalist Township on a project related to the review of water treatment processes and optimization.

“I’m fortunate to work on a project that positively impacts so many people, and to be supported by both BWRC and utilities staff at Loyalist,” she says. “It’s exciting to work with operators that have years of accumulated experience and to find ways to help them do an even better job at providing an essential resource for our everyday lives.”

Pope is working with Quinte Conservation on a hydrologic computer model to predict flood and drought conditions in the Salmon River, which is allowing him to expand his knowledge of natural waterways and engage community partners.

“This internship has allowed me to apply theoretical concepts to provide practical solutions to issues that are important local residence,” he says.

Hallwell is working on water quality analysis and the development of a master watershed plan for Quinte Conservation.

“This experience has awakened my interest and appreciation for watershed quality. I am very grateful to learn invaluable communication skills collaborating with the Quinte Conservation staff, my supervisors at the BWRC and the local community,” she says. “This internship has exercised my creativity throughout the responsibilities of managing a project that really makes a difference in the local community and the environment.”

Jyoti Kotecha, BWRC Associate Director, Research & Business Development, says that, “throughout the internship the BWRC provides guidance that supports the interns to develop not only their research and development skill, but to also develop workplace skills such as project management and business communication skills.”

Each intern works directly with the community organization, and receives technical support from Geoff Hall, Associate Director, BWRC Education & Outreach.
How representation can fuel change

Change starts with people who are willing to have the tough conversations about race

In this contribution to the Together We Are blog (queensu.ca/connect/equity/), Tianna Edwards, Officer of Direct Response Appeals in the Office of Advancement at Queen’s, talks about the importance of having a diverse staff and student body as the starting point to achieve a genuinely inclusive campus.

I was raised in Kingston and spent my elementary and high school years as the only person of colour in most of my classes. To clarify what this means, it means being the spokesperson for all people of colour (answering questions about my race), fighting stereotypes and generally losing any anonymity whatsoever. So when it came to applying to universities, I didn’t consider Queen’s. I felt that I wouldn’t fit into the established culture of sameness and didn’t want to continue the pattern of being the only person of colour in my classes. So I branched out. Luckily it was useful when you’re trying to get into universities — but studying here as well in the Cultural Studies program (MA). I currently work in the Office of Advancement managing the direct mail program responsible for storytelling and encouraging alumni to give back to Queen’s. I take pride in my role because I get to identify some of the incredible research and student activities happening on campus and share these achievements with alumni. In this role, now more than ever, I am seeing students of colour — that wouldn’t have happened more than a decade ago — using Queen’s resources not only to enhance their education but to lift up marginalized voices. This is significant to me.

Though I feel that Queen’s has a long way to go when it comes to diversity and inclusion, the administration is slowly making space. For example, with proper guidance from the Human Rights and Equity Office on inclusive hiring practices, more positions will be filled with people who look like me and that impact will trickle down, depicting how Queen’s is seen and talked about.

Though I feel that Queen’s has a long way to go when it comes to diversity and inclusion, the administration is slowly making space. For example, with proper guidance from the Human Rights and Equity Office on inclusive hiring practices, more positions will be filled with people who look like me and that impact will trickle down, depicting how Queen’s is seen and talked about.

Sleep – my favourite but often forgotten study strategy

Unfortunately, for many students, not sleeping well is the norm, and is sometimes regarded as an accomplishment.

Sleep is important, and exists for a reason. It has physical, emotional, and even academic benefits. It can help control metabolism, decrease inflammatory proteins, and reduce stress (Vyzazovskyi 2015). Moreover, people are often much more joyful, energetic and attentive after a full night’s sleep; at least, I am!

Sleep is also key in memory consolidation and encoding, which is useful when you’re trying to understand and use complex new information in courses. Memory can be broken down into three parts: encoding (processing/acquiring information), storage (maintaining information), and retrieval (recalling information). Sleeping helps in the transition of taking in information to retaining it, making content-heavy courses seem more bearable. While you sleep, your hippocampus rearranges your memory and strengthens the emotional components of it, which can increase your creativity. Sleep also increases your attention span, which can lead to better note-taking, more effective studying and greater productivity overall.

My own experience with my memory when my sleep changes or if I’ve been awake for too long; I’m exhausted yet hyper, I’m unmotivated and I can’t focus for longer than 30 seconds. Sleep loss also has other effects:

• It decreases mood and energy. I’m definitely more stressed and even depressed if I haven’t been able to sleep well for a few days.
• It decreases motivation. Trying to stay awake requires all my energy and so I have little left to do anything else. When I find I have no motivation, 20-minute power naps are my best friend, more drained, and less happy if I haven’t been able to sleep well for a few days.
• It decreases productivity. I may be more likely to fall asleep in class; I often can’t concentrate taking an hour to read one page, or I lose all memory capability.
• It also weakens my immune system. I find that I get sick way more if I’ve been under stress or haven’t been sleeping. One of the best ways that I get over being sick is by sleeping. Is the solution just hitting snooze and taking more naps? In some cases yes, but the National Sleep Foundation recommends getting seven to nine hours of sleep a night. This may seem daunting, but the SASS website has a lot of tips for getting not only more sleep, but better sleep. Here are some of my favourites:

• Sleep as much as you need to feel refreshed, but not more.
• Get up at a consistent time throughout the week.

• Turn off devices and stop work at least half an hour before you go to bed.
• Make a sleep routine that could include creating a to-do list for tomorrow, stretching, or breathing exercises.
• Deepen sleep by getting a steady daily amount of exercise.
• Use white noise to help drown out background noise and improve sleep.
• Keep your room temperature a little cool.
• Eat a light snack before bed as hunger disturbs sleep.

If you’re struggling to sleep and are worried about its impact, contact Student Wellness Services. If you’re just looking to improve your grades in a way that doesn’t leave you burned out and makes you healthier too, here’s my top 10 tips for a healthy sleep routine:

A number of Queen’s researchers at the Queen’s University Biological Station (QUBS) north of Kingston, a box-nesting tree swallow, is growing evidence that the climate change is resulting in declining body mass for tree swallows. Their new research adds to the growing body of research on the impact of climate change on bird populations.

Dr. Bonier says these weather changes, which she attributes to temperature on the increase, have been a cause for concern. “The data shows that from 1977 to 2017, the nestlings’ body mass has declined substantially and in adult body mass, particularly in males, has also been declining. “We examined 42 years of data gathered through a nesting program at Queen’s University Biological Station (QUBS), Queen’s researchers have determined that climate change is resulting in declining body mass for tree swallows.

By examining 42 years of data gathered through a nesting program at Queen’s University Biological Station (QUBS), Queen’s researchers have determined that climate change is resulting in declining body mass for tree swallows.

Looking at the long-range weather data, the researchers also determined that rainfall amounts have increased over the decades and springs are getting cooler.

Dr. Bonier says these weather changes, which she attributes to climate change, are affecting more than just tree swallows. “This isn’t going to affect just one bird species; it’s happening with all aerial insectivores, like bats,” she says. “These populations are important to the entire food chain and their decline could lead to an insect population explosion, which could be critical in many areas.”

Cox adds there are a few simple things we can do to start addressing the threats facing aerial insectivores, including providing good habitat, putting up nest boxes, leaving barn doors open for barn swallows (which are declining much faster) and leaving wetlands alone. But to get to the root of the problem, we must tackle climate change.

“I really enjoy working with huge datasets like this one and I’m hoping, with my experience, I can move on to studying other bird species,” Cox says. “I’m optimistic this research can contribute to the larger conversation on climate change.”

Along with examining the population dynamics of tree swallows, the Bonier Lab has a number of other research foci including the influence of urbanization on temperatures on carrion beetles, and a local population of red-winged blackbirds. For example, in a global citizen science study of birds, she and collaborator Paul Martin discovered that competitive interactions among closely-related birds might be limiting avian biodiversity in cities. Overall, this work is revealing the ways that different animals respond to the challenges they face, including many threats that are increasing because of human activities.

The latest research into the tree swallow population was published in Proceedings of the Royal Society B.
Procurement system a real success story

BY ANDREW CARROLL, GAZETTE EDITOR

Since being introduced in May 2017, acQuire, Queen’s electronic Procure to Pay system, has resulted in numerous improvements across the university including replacing the former manual, paper-based procurement and payment processes, increasing efficiencies and transparency, and reducing the carbon footprint.

Numerous private corporations and universities across North America have also introduced the software, created by spend management company Jaggard, but Queen’s has quickly become a leading implementer of the software’s AcQuire’s Procurement, Accounts Payable and Supplier Management modules, particularly within the private, secondary education sector.

As a result, the Queen’s acQuire team was recently invited to make a presentation at a conference held at Jaggard headquarters in North Carolina. The presentation, detailing the implementation process and successes, went so well that the Queen’s team was invited to create a webinar with the company’s media firm to help other program users around the world.

For Nicole Fowler and Nicki Mundell, who head up the acQuire team at Queen’s, the experience and positive response has been a pleasant surprise. “It went really well. There were a lot of comments and feedback and we actually had a lot of people (current and prospective customers) wanting to exchange contacts with us,” says Fowler, Manager, Senior Procurement, acQuire and Accounts Payable.

“The presentation and the webinar the Queen’s Procurement team has received a number of contacts and several Ontario university Procurement teams as well as the end users, “says Fowler. “We want to make sure that we are not standing still, and instead look for what we can do to keep making this better, whether it is the user experience or the information we can get out of the tool. There are other users who are doing some very innovative things. That’s great for us because now we can work together to make it better for all.”

The acQuire program was brought in to modernize Queen’s University’s procurement and accounts payable systems. Unlike the majority of education sector users, Queen’s opted for an university-wide implementation. The user-friendly program allows staff and faculty to use a single username and password to access different vendors. Much like an online shopping experience, users are able to place multiple products in their virtual shopping cart and only check out once. The implementation process has been smooth and the majority of feedback from acQuire clients has been positive. Support is quick and readily available for anyone having difficulties.

“Everything is located in one convenient location from the start of researching the product, placing the order, getting approvals, paying the invoice, to helpful forms,” says Bonnie Fleming, Purchasing Assistant, IT Services.

“Probably the most important aspect is the support and backup that we know we can always depend on from the Procurement team. Knowing that they are just a phone call away and that they truly care that our experience is a positive one is priceless.”

Other benefits of acQuire include reducing the wait times between placing an order and having it filled by the supplier, fast, electronic communication with suppliers, full transparency and ability to track a purchase requisition to P.O., explains Nicki Mundell, Procurement Systems Analyst and Solution Administrator.

“The change from paper cheque requisitioning to electronic remittance forms was one of our biggest successes with acQuire. The change created transparency for our procurement and finance teams as well as the end users,” she says. “The technology enabled us to build specific forms for our client needs, and we now manage about 95 per cent of paper payments flowing through the system, providing more efficient processing times and cutting the number of steps for the entire process in half.”

After a recent analysis, Procurement has also identified that 98 per cent of PDF forms related to procurement exceptions are now routing electronically as well – resulting in a significant reduction of paper processing for exception related transactions at Queen’s.

However, the success of the system wouldn’t have been possible without support and acceptance by the Queen’s staff and faculty, both point out.

To learn how to get the maximum benefits from using acQuire, contact the acQuire team at acquire@queensu.ca or visit queensu.ca/procurement/acquire-accounts-payable.

Faith and Spiritual Life gets an upgraded space in Mitchell Hall

BY DANA MITCHELL, INTERN, DIVISION OF STUDENT AFFAIRS

The Faith and Spiritual Life Centre is one of the many exciting new spaces in Mitchell Hall.

Located on the second floor, the Faith and Spiritual Life Centre offers a spacious setting with offices for one-on-one appointments, a lounge area, and a new interfaith room.

“Our new venue allows us to expand our spiritual programming, provide greater hospitality and be more available for private conversation.” – Kate Johnson, Inter-Faith Chaplain

The new space is accessible and welcoming to anyone who wishes to find spiritual connection and community on campus.

For those seeking guidance about meditative practices, the chaplain’s office can provide instructions and helpful resources from a variety of religious and spiritual traditions.

The addition of the interfaith room has also fostered the development of new programs and events, including a worship service for Muslim students and a grief support group presented by Bereaved Families of Ontario-Kingston Region.

Soulful Singing, one of the most popular events offered at the Faith and Spiritual Life Centre, brings students, staff and faculty together every Wednesday to promote the inclusive and uplifting meditative practice of song.

“The new space is very accessible and welcoming to everyone,” says Alejandro Bascope Alipaz (MA’19). “Taking part in the soulful singing activity is so calming compared to the everyday tasks of studying and grading papers. These activities offer you a moment to breathe and relax while also meeting people that you wouldn’t meet otherwise.”

In addition to the new space, ablution stations have also been added to the washrooms on the second floor of Mitchell Hall.

The Office of Faith and Spiritual Life hopes to continue expanding its programming in the 2019/20 school year, with more events, workshops and a spiritual film series.
Supporting the environment

BY ANDREW CARROLL, 
GAZETTE EDITOR

Kingston recently became the first municipality in Ontario to declare a climate emergency and a group of Queen’s students helped provide some last-minute momentum for the landmark motion.

During its March 6 meeting, city council voted unanimously in support of the motion that was put forward by Trillium District Councillor and Queen’s alumnus Robert Kiley (Ed’12, MPA’13). At the meeting a delegation comprised of five students from Diane Orihel’s (Biology, Environmental Studies) fourth-year course ENSC 480 (Communication in Environmental Science) made a presentation in support of the motion, speaking to the three pillars of sustainability – economic, environmental, and social.

At the end of their presentation, the group was asked a question: Why should the individual care about their impact on the environment? The belief that individual action is insufficient and collective action is more valuable is arguably the largest contributor to environmental issues.

“The City of Kingston made a brave decision, to admit our wrongs, and make movements to become more accountable for our actions. To make policy decisions through a climate change frame of mind, and to make climate change mitigation an urgent priority.”

Shortly after the Queen’s group’s presentation, a vote was held. It was unanimous – all 13 members of city council voted to declare a climate emergency. For Dr. Orihel it was an important moment not only because Kingston set a precedent for other Ontario municipalities to follow regarding climate issues but also because the students provided valuable information that led to the unanimous vote. “These five young women did a phenomenal job delivering a powerful delegation to city council: they were courageous, passionate, articulate, and professional. The councillors asked them thoughtful questions and referred to their delegation several times during their discussion of the motion prior to the vote,” Dr. Orihel says. “A number of the city councillors remarked to me that if it had not been for the student’s delegation, the vote would not have been unanimous.”

The focus of the ENSC 480 course is to teach undergraduate students to communicate environmental science to non-expert audiences, such as media, policy makers, and the public. A few weeks before the city council meeting Dr. Orihel invited Kiley to be guest speaker. At that time he informed the class he would be presenting a motion to council to declare a climate emergency. Not surprisingly, there was great interest in seeing the motion get passed and Kiley suggested that the group make a presentation to city council.

Overall, it has been a valuable learning experience for all involved says Mia Berloni (Artsci’19). While five students were in the presenting group, all 18 students in the class were involved in brainstorming and conducting research.

“The reaction to the delegation’s involvement and presentation has been extremely positive. Dr. Orihel has been instrumental in facilitating this positive experience,” Berloni says. “Through encouraging and facilitating class participation in this amazing experiential learning opportunity she has allowed us all to grow not only as communicators but as advocates. I did not expect that our delegation would result in a unanimous vote in favor of a climate emergency. This experience has helped show me that advocacy and effective communication can have an impact on decision makers.”

Following Kingston city council’s declaration of a climate emergency Queen’s students Teeghan Niblett-Wilson, Grace Leydon, Mia Berloni, Julia Weder, Sabrina Weder, and Professor Diane Orihel take a moment with Trillium District Councillor Robert Kiley, who forwarded the motion.

Supporting the environment

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through the lens

From March 4-9, a team of 50 volunteers from Queen’s Project on International Development (QPID) participated in the national 5 Days for Homelessness campaign. Proceeds from this year’s campaign ($10,000 goal) will go towards the Kingston Youth Transition Home.
Students recognized for contributions

BY DANA MITCHELL, INTERN, DIVISION OF STUDENT AFFAIRS

Queen’s students play an essential leadership role in providing support and promoting inclusivity on campus and in the Kingston community. The Division of Student Affairs is celebrating student excellence with the presentation of the Peer Leadership Award, the Equity, Diversity and Inclusivity Impact Award, and the Brian Yealland Community Leadership Award.

Five individuals and one group who work and volunteer across campus and with local organizations were recognized by their peers, staff, faculty, and Kingston community members during a special celebration event on Monday, March 11.

“This year’s award recipients are undergraduate and graduate students who have strengthened our community in many ways,” says Ann Tierney, Vice Provost and Dean of Student Affairs.

“Their contributions to their peer communities and to the Kingston community are vital to fostering student engagement, well-being, and a sense of belonging for all. We are delighted to recognize their initiative and accomplishments, as part of our annual leadership program.”

The Peer Leadership Award is presented to students who, through their commitment, skill, dedication, and interest in helping others, have exemplified excellence in peer-to-peer assistance and outreach. The 2018-19 award recipients are:

Meghann Grenier (Sc’19), president of Queen’s Women in Science and Engineering (WISE), has developed relationships with every member of her team, providing individualized support, motivation, and encouragement to help them develop their professional and personal skills. She has helped expand WISE’s mentorship program, helped to launch the graduate-level program, and worked with the Faculty of Engineering and Applied as well as the Engineering Society to enhance the reach of WISE in the community, connecting with more schools and industry partners to raise awareness of, and interest in, science and engineering among girls and youth.

Taylor Bluhm (NSc’19) has taken on many leadership roles connected to the Four Directions Indigenous Student Centre throughout her time at Queen’s. She has mentored students through the centre and through Student Affairs’ first-year transition programs, Q Success and Bounce Back. In these positions, Taylor has shared her personal story, the challenges she has overcome, reflections about her identity, and about self-identification at Queen’s. She is an empathetic listener, full of compassion, and effectively refers her peers to campus services.

Named in honour of Brian Yealland, Queen’s chaplain for 32 years, the Brian Yealland Community Leadership Award is presented to students who work with and encourage youth who are experiencing social, behavioral, economic or other challenges by helping them realize their worth as individuals and their potential to achieve. The 2018-19 award recipients are:

Lindey Felske (MA’20) is a regular volunteer with Loving Spoonful, helping low-income families with budgeting, and healthy eating, and teaching elementary school-aged children cooking skills. She also volunteers at the Kingston Health Sciences Centre’s Hotel Dieu site in the Children’s Outpatient Clinic, aiming to reduce stress among patients and their families waiting for appointments. She also assists in the recovery unit, working with patients and relatives. Lindey’s volunteerism includes tutoring new immigrants in English language skills, and community outreach programs that engage youth in learning about science and engineering.

Adrienne Fanjoy (JD’20) is involved in many student groups that advocate for and support marginalized youth and families. As co-president of Queen’s Law Litigation Society, she developed a culturally-based workshop to teach social justice and self-advocacy skills to racialized girls in Kingston and empower them to speak up in their social groups, school and community. Since 2013, as a member of Queen’s Students for Literacy, she has worked in local shelters helping children there with their literacy and numeracy skills. She also spent a year as a case worker at Queen’s Family Law Clinic, promoting the best interests of children.

The Equity, Diversity and Inclusivity Impact Award, established in 2018, recognizes individuals or groups who have demonstrated involvement in, and a commitment to, social justice causes that impact the Queen’s community on a broad or small scale; their contributions reflect efforts to furthering an understanding of the interplay and intersections among different identities on campus. The 2018-19 recipients are:

Rebecca Gordon (Ed’19) is the founder of Teacher Candidates of Colour, a group with a mandate to foster inclusivity by sponsoring events aimed at educating peers about diversity, Indigeneity, inclusivity and equity. The group has a diverse membership and is open to all students. Teacher Candidates of Colour has, to date, organized campus-wide events under Rebecca’s leadership, including an “Ask Me Anything” roundtable with a follow up planned for April as part of the Faculty of Education’s Indigeneity, Inclusion and Equity Series. Teacher Candidates of Colour also worked with the Limestone District School Board on Black History Month activities, and is planning more community engagement projects.

The executive of the African and Caribbean Students’ Association (ACSA): ACSA accept the Equity, Diversity and Inclusivity Impact Award.

Top left: Meghann Grenier, left, and Taylor Bluhm, right, received the Peer Leadership Award for their work helping other students in the Queen’s community.

Top right: Lindey Felske, left, and Adrienne Fanjoy, centre, receive the Brian Yealland Community Leadership Award from former Queen’s chaplain Brian Yealland for their volunteer work within the Queen’s and Kingston communities.

Left: The executive of the African and Caribbean Students’ Association (ACSA) accept the Equity, Diversity and Inclusivity Impact Award.

More information about these and other awards and funding programs is available on the Division of Student Affairs website (queensu.ca/studentaffairs).
Could climate change spark a global financial crisis?

Increasingly severe losses for insurers due to climate change could result in a global financial crisis

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

BY KOREY PASCH, DOCTORAL CANDIDATE, DEPARTMENT OF POLITICAL STUDIES

The dire climate change situation continues to make headlines and inspire actions like the Sunrise Movement. Recently, United States congresswoman Alexandria Ocasio-Cortez and Sen. Ed Markey pushed the debate about addressing climate change forward by introducing resolutions for a Green New Deal to transform the American economy.

The Green New Deal is supported by politicians currently seeking the Democratic Party’s 2020 presidential nomination, including Sen. Bernie Sanders and Sen. Elizabeth Warren. Proponents of the proposed deal, like Ocasio-Cortez, rightly point out the pressing urgency to implement policy to reduce the impact of climate change. She likened this effort to other massive undertakings in U.S. history, such as the moon landing and the civil rights movement. The Green New Deal represents an endeavor on a similar scale aimed at addressing climate change.

But despite all the climate change buzz, its impact on the insurance industry has been largely absent from discussion. This is especially significant considering the importance of insurance in managing risk. It’s surprising that media coverage on the Green New Deal has not included some mention of insurance especially because insurers, and particularly American insurers, enable and invest in the fossil fuel industry. All of the largest U.S. insurance companies, including AIG and Berkshire Hathaway, continue to invest in and underwrite the coal industry.

The intersection of insurance and climate

A recent report from Cambridge University has underlined just how necessary it is to have conversations about the intersection of insurance and climate in the context of the Green New Deal.

The Cambridge report was produced in partnership with top global insurance and reinsurance firms. Alarming, the report highlights that increasingly severe losses for insurers due to climate change could result in a global financial crisis. Given the historical precedent for economic crises caused by insurance losses, the industry is justifiably concerned. The history of insurance is in fact the history of crisis. Since its inception, the insurance industry has had to grapple with its exposure to catastrophe. The traditional way it’s done so is by transferring catastrophic risk to reinsurers — firms that specialize in providing insurance coverage to insurers and spreading the risk globally so as to dilute its impacts.

However, these efforts are not always successful, and massive catastrophes continue to result in the bankruptcy of insurers. As I discussed in a previous article written in the aftermath of Hurricanes Harvey, Irma and Maria, significant changes have occurred in the insurance industry in an attempt to better insulate primary insurance companies from catastrophic risk.

These changes have largely been focused on increasing the amount of what’s known as reinsurance capital available to cover insurers’ exposure to catastrophe. New strategies involve the introduction of alternative sources of reinsurance capital provided by bringing capital market investors into the insurance sector. This process has been accomplished through the packaging of risk into insurance-linked securities, and then selling those securities to institutional investors like sovereign wealth funds, pension funds and dedicated hedge funds specializing in catastrophic risk.

Pattern repeating

The scenarios raised in the Cambridge report about a global financial crisis brought on by the collision of climate change and insurance fit the historical pattern of the industry. Changes to the insurance industry since the mid-1990s, along with the proliferation of alternative reinsurance sources through the integration of capital markets and institutional investors, are significant. That’s why initiatives like the Green New Deal must take into account the changes occurring in the insurance industry.

The primary source of systemic risk outlined in the Cambridge report stems from rising global temperatures and unaffordable losses to insurers as a result. For example, the authors warn that if climate change is left unchecked, the world will witness the tripling of catastrophic losses on property investments over the next 30 years.

Eerily reminiscent of 2008

While this is a shocking and extremely disturbing finding, there are other equally troubling ways that the intersection of insurance and climate change could produce global financial systemic risk. That’s due to the transformation of risk into securities which are then sold to capital market investors.

The creation of insurance-linked securities to increase the availability of reinsurance capital to primary insurers — and better protect them from catastrophic risk — creates at the same time a perverse incentive structure. It’s very similar to the mortgage-backed securities that formed the underlying risky assets that caused the 2008 crisis.

While massive and courageous transformations to our economies and societies like the Green New Deal are necessary in the face of climate change, we must broaden our conversations to include the increasing integration of insurance and finance.

If we don’t, strategies adopted to address climate change, like the buying and selling of catastrophic risk, could produce calamitous outcomes themselves.

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

BY PHIL GAUDREAU

How could the City of Kingston better harness the power of post-secondary institutions like Queen’s University to ensure the local labour force is skilled and competitive? What are the ways the city could be more welcoming to refugees? Is there a way to reach more clients in a wider area without spending more money?

These are just a few of the challenges tackled by this year’s PhD Community Initiative participants. The annual program, organized by the Queen’s School of Graduate Studies, unites interdisciplinary teams of PhD candidates with local organizations who could benefit from their knowledge, skills, and time to address strategic planning or research needs.

In return, the students develop meaningful professional connections, gain valuable experiences for their portfolios, and receive the satisfaction of a job well done in support of a meaningful cause.

“The PhD Community Initiative, now in its third year, is a unique and transformative opportunity for our doctoral students,” says Marta Straznicky, Associate Dean, School of Graduate Studies. “The program pairs small teams of PhD students from different disciplines with a community organization to tackle a research or strategic planning challenge. Students develop skills in project management, leadership, teamwork, and community engagement, while community organizations benefit from the students’ expertise and advanced research skills. The success of this program is difficult to overestimate.”

KEYS Job Centre, Kingston Community Health Centres Immigration Services Kingston and Area, Kingston Community Health Centres Pathways to Education, and the City of Kingston each participated in this year’s program, with the city sponsoring two projects. Each team featured three or four PhD candidates, one mentor, and a community partner — a representative from the organization that initiated the project.

“This is a great platform for new ideas and thinking,” says Mayor Bryan Paterson (PhD ’06), who opened up the event. “The PhD Community Initiative is an example of Kingston at its best.”

On March 12, the graduate student teams presented the results of their work to the wider community at the Isabel Bader Centre for the Performing Arts. Their challenge: to distill six months of work into an impactful and thorough six-minute presentation.

“The project was really rewarding for us,” says Sazia Mahfuz, who was part of the team working with KEYS Job Centre to understand the needs of young adult immigrants to Kingston. “The support that we received from the organizers and community partners was amazing, and was crucial to the success of our projects.”

A Project Highlight: Mental health across community boundaries

Fleeing war zones, persecution, and other challenges, many refugees and newcomers arrive in Canada ready to start a new life. There is help available to resettlement agencies and for their physical needs. However, the trauma of their experiences and the culture shock they experience upon arriving is more difficult to address — particularly when these migrants may be hesitant to vocalize the issues they are experiencing.

To explore this challenge, the team of Matt Drabenstott, Floon Kedwan, Victoria Cosby, and Yaoting Zhang researched programs in other cities as well as existing services in Kingston.

“Based on our conversations, and our deep dive into local resources, we put together a framework of recommendations for Kingston which would put newcomer mental health at the centre of their experience, and ensuring newcomers are able to access wrap-around services they need,” says Dr. Drabenstott.

Behind the Scenes

The students had plenty of help in preparing for their projects, and their time on the big stage. Throughout the PhD Community Initiative program, the participants were invited to a series of workshops which taught them about design thinking, team building, and presentation skills.

“The workshops were neat in helping us prepare for these projects, and their time on the big stage. Throughout the PhD Community Initiative program, the participants were invited to a series of workshops which taught them about design thinking, team building, and presentation skills.”

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Friday, March 29

Wednesday, April 3

Tuesday, April 9

Tuesday, April 9

A Project Highlight: Mental health across community boundaries

Fleeing war zones, persecution, and other challenges, many refugees and newcomers arrive in Canada ready to start a new life.
Policy Talks: Senator Peter Boehm

Global Policy Challenges: the G7 and Beyond - The impact of disruptive technologies, the rise of authoritarian regimes, and the ways US Muslim women’s identities are expressions of Islam as both Black protest religion and universal faith tradition, and explores how this history shapes Muslim women’s identity formation and cultural presence in both the US and Canada. Biosciences Complex, rm. 1012.

Please join us for the third iGnite: Research Stories to Inspire Generations event featuring Lee Arton and Philip Jessop who will tell you about the unanswered questions that set them on their lifelong quest of research. A handful of keen students will give short and sweet snippets of their developing interests. Biosciences Complex, Atrium Those interested in attending can email education and outreach officer, Mark Richardson with the number of people: outreach@mgdonaldinstitute.ca.

Monday, April 1, 4:30-6:30 pm

40 Minute Focus

Mackintosh-Corry Hall, F200, large collaboration space

Please join us for the third iGnite: Research Stories to Inspire Generations event featuring Lee Arton and Philip Jessop who will tell you about the unanswered questions that set them on their lifelong quest of research. A handful of keen students will give short and sweet snippets of their developing interests. Biosciences Complex, Atrium Those interested in attending can email outreach@mgdonaldinstitute.ca.

Sudoku and Crossword solutions on Page 15
Men’s volleyball places fifth at U Sports nationals

The Queen’s Gaels defeated the Mount Royal Cougars in three sets (25-21, 25-22, 25-21) on Sunday, March 17 to finish fifth at the 2019 U Sports Men’s Volleyball Championship at Université Laval in Quebec City.

At the heart of his team’s offensive, middle Dylan Hunt was selected Player of the Game for Queen’s with six kills and an ace. Hunt also stood out on defence with four digs and five blocks.

“We didn’t have a lot of time to prepare (the players), but what we laid out for them, they executed fabulously. Our serving, regardless of the errors, was on point; we really put them on their heels,” Gaels head coach Gabriel deGroot said after the game.

In their opening game Friday night, the Gels lost to Université Laval in five sets (22-25, 25-23, 22-25, 25-23, 13-15).

The Gaels then rebounded on Saturday to beat the McMaster Marauders in straight sets (25-21, 25-18, 25-19).

The Trinity Western Spartans won the championship, beating the Brandon Bobcats in the final in straight sets (25-23, 25-21, 25-19).

MEN’S HOCKEY

The Queen’s Gaels dropped a 5-3 decision to the St. Francis Xavier X-Men at the 2019 U Sports University Cup in Lethbridge, Alta., on March 15.

The Gaels would open the scoring just after the six-minute mark on the power play as Gaels fourth-year forward Luke Edwards tipped a point blast from defenceman Nevin Guy. Edwards would strike again just over four minutes later. After accepting a nifty entry pass from forward Jaden Lindo, Edwards would speed in on a partial break, and snap a wrist shot just over the blocker of StFX goaltender Chase Marchand.

StFX would get on the board late in the period on a power play goal by Holden Cook and the comeback was on. In the second period StFX would cut the lead to one at the 13:37 mark through Adam Stevens. The X-Men pressed hard to find the equalizer early in the third period. Cook drew his team even just after a Gaels penalty expired.

The X-Men would get their first lead of the game just past the 14-minute mark of the third period. After a defensive coverage breakdown by the Gaels, StFX second-year forward Adam Laishram would find himself all alone in the front of the net. He made no mistake and rifled a wrister to the top corner to bulge the twine.

Ultimately, StFX forward Sam Studnicka would ice the game for the X-Men with an empty netter with 42 seconds left.

In Sunday’s championship final, the University of New Brunswick Reds beat the University of Alberta Golden Bears 4-2.

WOMEN’S CURLING

The Queen’s Gaels finished fourth at the 2019 U Sports women’s curling championship, while claiming three separate award honours at the national level.

The Gaels suffered a tough defeat to Dalhousie in their bronze medal match, dropping a 6-5 decision to finish fourth.

The Gaels completed round-robin play with a 5-2 record, finishing as the second seed. In the semifinal they lost to the Brock Badgers 6-5.

Despite the fourth-place finish the Gaels were well represented among the nation’s best when the All-Canadians and award winners were announced. Gaels head coach Scott Davey was named the U Sports Fox 40 coach of the year, Mary Fay received the R.W. Pugh Fair Play Award and third Calli Barclay was named a first-team All-Canadian.
Piracy in Somalia: Violence and development in the Horn of Africa
By Awet Tewelde Weldemichael (History)

Piracy in Somalia sheds light on an often misunderstood world, over-simplified and demonized in the media and largely decontextualized in scholarly and policy works. It examines the root causes of piracy in Somalia, its impact on coastal communities, local views about it, and the measures taken against it. Drawing on six years’ worth of extensive fieldwork, Awet Tewelde Weldemichael amplifies the voices of local communities who have suffered under the heavy weight of illegal fishing, piracy and counter-piracy and makes their struggles comprehensible on their own terms. He also exposes complex webs of crimes within crimes of double-dealing, piracy and makes their struggles duplicitous intermediaries, and their local partners. In so doing, this book will help inform regional and global counter-piracy endeavors, avoid possible reversals in the gains so far made against piracy, and identify the gains that need to be made against its root causes.

Brockington Visitation, Chancellor Dunning Trust, George Taylor Richardson Memorial Fund, Robert Sutherland Visitation and Rosen Lecture Series

Any person or group within the Queen’s community is eligible to make nominations.

The Provost’s Advisory Committee for the Promotion of the Arts invites nominations for the Brockington Visitation, the Chancellor Dunning Trust Lectureship, the George Taylor Richardson Memorial Fund, the Robert Sutherland Visitation and the Rosen Lecture Series. In order to encourage the broadest possible range of nominations, any person or group within the Queen’s community is eligible to make a nomination.

The deadline for submission is 11:59 pm on April 1, 2019. Please send one electronic copy of submission to provost@queensu.ca.

TERMS OF REFERENCE Brockington Visitation – To invite a person of international distinction to come to Queen’s University to deliver a public lecture and to meet formally and informally with faculty and students.

Chancellor Dunning Trust Lectureship – The Chancellor Dunning Lecturer will be expected to deliver a public lecture that promotes the understanding and appreciation of the supreme importance of the dignity, freedom and responsibility of the individual person in human society.

George Taylor Richardson Memorial Fund – This fund provides grants to support public performances and exhibitions for the benefit of the Queen’s and broader Kingston communities.

Robert Sutherland Visitation – The purpose of the Robert Sutherland Visitation is to enable dialogue and inspire action around race-related, equality, and justice issues in order to shape our citizens of tomorrow.

Rosen Lecture Series – The purpose of the series is to enable the wider community to better understand the living and vital tradition of Judaism, its relationship to other religious traditions and its role in the development of contemporary civilizations, and to explore the historical role played by Jews and Jewish thought.

Distinguished Service Awards Queen’s faculty, staff, students, and retirees are invited to nominate candidates for a Queen’s Distinguished Service Award. Inaugurated by the University Council in 1974, this award recognizes individuals who have made the university a better place through their extraordinary contributions.

Recipients will be presented with their awards on Saturday, Nov. 2, 2019.

Guidelines, the nomination form, and additional information are available at the University Secretariat website.

Please submit nominations to the University Council Executive Committee, care of the University Secretariat, by Friday, April 26, 2019 at 4 pm.

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

Successful Candidates
Job Title: Learning Management Systems Specialist
Department: Continuing and Distance Studies
Competition: J1018-0374
Successful Candidate: Ziyad Muslat (Continuing Teacher Education)

Job Title: Associate Director, Facilities and Operations
Department: Athletics and Recreation
Competition: J1118-1100
Successful Candidate: Rick Ladouceur

Job Title: Transcript Assistant
Department: Office of the University Registrar (Records and Services)
Competition: J1118-0371
Successful Candidate: Lucas Serson

Job Title: Salesforce Administrator
Department: Salesforce - Smith School of Business
Competition: J0219-0241
Successful Candidate: Jessica Power (Professional Graduate Program Services - Smith School of Business)

Job Title: Teaching and Learning Coordinator
Department: Centre for Teaching and Learning
Competition: J1218-0257
Successful Candidate: Kailee Kirkwood (VP Academic - Office)

Job Title: Marketing Manager
Department: Marketing and Communications - Smith School of Business
Competition: J0518-1191
Successful Candidate: Hayley Nador (Professional Graduate Program Services - Smith School of Business)

Job Title: Program Manager - Healthcare Quality, Risk and Safety
Department: School of Nursing
Competition: J0119-0191
Successful Candidate: Michelle Trotter (School of Nursing)

Job Title: Learning Management Systems Specialist
Department: Continuing and Distance Studies
Competition: J1018-0422
Successful Candidate: Chandra Erdman

Job Title: Office Assistant
Department: Faculty of Health Sciences
Competition: J0119-0135
Successful Candidate: Emily Greenwood (Biomedical and Molecular Science)

Job Title: Administrative Coordinator
Department: Residency Program
Competition: J1118-0415
Successful Candidate: Jessica Murray (Family Medicine)

Job Title: Senior Network Administrator
Department: Information Technology Services
Competition: J1118-0432
Successful Candidate: Rosario Thobias

Job Title: Audit Monitoring Group - Audit Assistant
Department: Canadian Cancer Trials Group
Competition: J1118-0768
Successful Candidate: Taylor Andrews (Canadian Cancer Trials Group)

Job Title: Network Manager, Canadian Lyme Disease Research Network (CLyDRN)
Department: Emergency Medicine
Competition: J1018-0796
Successful Candidate: Liam Remillard

Job Title: Program Assistant (USW Local 2010)
Department: Biomedical and Molecular Science
Competition: J0119-1054
Successful Candidate: Emily Greenwood (Biomedical and Molecular Science)

Job Title: Administrative Coordinator
Department: Residency Program
Competition: J1118-0415
Successful Candidate: Jessica Murray (Family Medicine)

Job Title: Senior Network Administrator
Department: Information Technology Services
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Job Title: Senior Network Administrator
Department: Information Technology Services
Competition: J1118-0432
Successful Candidate: Rosario Thobias
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