

Queen's University's newspaper of record since 1969 ■ queensu.ca/gazette ■ September 27, 2016



# Welcome to a new era

The Queen's and Kingston communities filled the seats of the newly-revitalized Richardson Stadium as a weekend full of events was held Sept. 17-18 to mark the completion of the \$20.27 million project.





BOOK NOW

ASK US ABOUT FREE TEETH WHITENING

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

www.campusdentist.com 613.549.3840

We offer 🔆 invisalign • FREE CONSULTATION!

# Inside the ombudsman's office

Over the next three editions, the Gazette will profile the Office of the University Ombudsman, a relatively new unit on campus that evolved out of the former Dispute Resolution Mechanisms function. The series kicks off with an introduction to the office, followed by a closer look at how the university ombudsman works with different groups at Queen's, including non-unionized staff. The series concludes with a focus on the university ombudsman's role within the Safe Disclosure Reporting and Investigation Policy. That policy provides a procedure to raise concerns regarding possible contravention of university policies or regulations and the misappropriation or misapplication of university assets or funds.

#### BY MARK KERR, SENIOR **COMMUNICATIONS OFFICER**

Just over two years ago, the Office of the University Ombudsman was created, replacing the Dispute Resolution Mechanisms function at Queen's University. While some things changed – such as reporting structure – the new office operates in much the same manner as the previous model.

"We keep the door open for people to have a conversation with us," says Harry Smith, University Ombudsman, who formerly served as the Coordinator of Dispute Resolution Mechanisms. "Anyone can come in and raise an issue if they think they are not being heard elsewhere or if they are not certain where to go with a concern."

If anything, according to Mr. Smith, the natural evolution to an Office of the University Ombudsman strengthens access to independent, impartial, and confidential advice for staff, faculty, and



Harry Smith, University Ombudsman, in his office on the fourth floor of Robert Sutherland Hall. The Office of the Ombudsman provides independent, impartial, and confidential advice to staff, faculty, and students.

"Creating this office reinforces independence from administrative structures," says Mr. Smith, who notes that the office now reports to the audit and risk committee of Queen's Board of Trustees. "We have found that many people have a general understanding of what an ombudsman does. We are looking to build on that knowledge to increase the awareness of our services and, as a result, enhance institutional ac-

The office offers policy and procedural advice on numerous matters. For students, these issues may relate to academic integrity. non-academic misconduct, harassment and discrimination, and sexual violence. Faculty and staff also may have questions about such matters, but arising in a different context or from a different perspective.

In addition to providing information and advice to people who contact the office, the University

Ombudsman can also perform several other functions. That can include referring inquires to appropriate individuals or offices, participating to facilitate a resolution, and recommending fair resolutions to individual cases. The University Ombudsman can also recommend policy changes to address the systemic barriers to fair

#### OFFERING CLARITY

With different policies and dispute resolution mechanisms in place at Queen's, it's not always clear where staff, faculty, and students can turn when an issue arises. Mr. Smith and Gail MacAllister, Associate, Policy and Appeals, possess in-depth knowledge of university policies, procedures, and issue resolution resources so that they can offer the best advice to people.

"We try and bring down the level of anxiety a bit in order to help them make sense of things," Mr. Smith says. "Part of what we do involves providing some context to a situation. If we can help them understand the essence of the issue, they can focus on that and not be entirely overwhelmed by the situation that they find themselves in."

For Mr. Smith, it is all about providing a safe space for members of the Queen's community to discuss their concerns.

"We recognize that some people may feel uneasy about coming forward with an issue, and they just want a better understanding of how the resolution process might work within the university," he says. "We can have a conversation and explain what that process looks like, what they need to do to engage or initiate that process, without putting it in motion and making them feel as if they are losing control."

As an impartial third party, the Office of the Ombudsman seeks to facilitate a resolution to issues or concerns in a constructive manner before they escalate to other formal appeal or complaint procedures or processes outside the university, which can be costly for all involved.

By offering some assurance that the issue will be addressed in a procedurally fair manner, then hopefully we can avoid it progressing unnecessarily," Mr. Smith says. "We aim to deescalate the situation and help all parties reach a timely resolution that is satisfactory for all parties."

Visit the Office of the University Ombudsman website (queensu.ca/ombudsman) for more information about its services. To book an appointment, email ombuds@queensu.ca or call

#### EDITOR

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

#### ASSISTANT EDITOR

Mark Kerr

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

# ADVERTISING COORDINATOR

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

www.queensu.ca/gazette

Subscriptions are \$30 per year.

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

Michael Fraser

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

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

#### SCHEDULE

Issue date: Oct. 11 Ad booking deadline: Sept. 24 Ad artwork deadline: Sept. 30 Noon editorial deadline: Oct. 6

Issue date: Oct. 26 Ad booking deadline: Oct. 7 Ad artwork deadline: Oct. 14 Noon editorial deadline: Oct. 20

#### ADVERTISING POLICY

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

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

claim for penalty.

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

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

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

The Publisher will not knowingly publish

any advertisement which is illegal, misleading or offensive to its readers.

The Publisher will not knowingly publish

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

# Welcome to Queen's, Class of 2020

# BY COMMUNICATIONS STAFF

Academic activity has shifted back into high gear as more than 4,500 undergraduate students from the Class of 2020 and 1,400 new graduate students begin their studies on Oueen's campus and at the Bader International Study Centre in Sussex, England.

"Welcoming a new class is always an exciting time of year, as thousands of students embark on a journey of academic and personal discovery," says Ann Tiernev, Vice-Provost and Dean of Student Affairs. "While at Queen's, undergraduate and graduate students will experience a rich and supportive learning environment."

Queen's attracts a high number

of superb applicants for its undergraduate and graduate programs. The university received nearly 34,000 applications for 4,517 spaces in the first-year class.

The School of Graduate Studies is welcoming 1,404 new students: 1,178 master's students, 200 doctoral students, and 26 graduate diploma students.

'Our students choose graduate studies to advance their knowledge in a particular field, invest in their future, and develop crucial employability skills," says Brenda Brouwer, Vice-Provost and Dean of Graduate Studies. "We are thrilled to welcome our new graduate students, who contribute to our reputation for academic excellence."

The university continues to

grow its international enrolment. There are 438 international students in the incoming undergraduate class, a 41.3 per cent increase over the same time last year. Furthermore, 13 per cent of the incoming class attended high school outside of Canada in 44 different countries and 29 U.S. states.

At the graduate level, there are 246 international students, compared to 180 in fall 2015, a 37 per cent increase. The international graduate students hail from 43 different countries.

Visit Undergraduate Admissions (queensu.ca/admission/home) and School of Graduate Studies admissions (queensu.ca/sgs/applications-admissions) for more information about applying to Queen's.

# **Quick Facts**

### **Incoming undergraduates**

- New undergraduate students arrive at Queen's from all 10 provinces, the Yukon and the Northwest Territories.
- Female students make up just over 60 per cent of the firstyear cohort.
- 1.6 per cent of the incoming class identifies as Aboriginal. **Incoming graduate students**
- 59 per cent of students are female.
- 18 per cent of new graduate students are also new to Canada, coming from more than 42 countries.



# queensu.ca/gazette September 27, 2016 Campusheevs

# Principal launches public policy commission

BY COMMUNICATIONS STAFF

Principal Daniel Woolf announced the membership of the Principal's Commission on the Future of Public Policy at Queen's University on Tuesday, Sept. 13.

The commission will conduct a broad review to determine how Queen's can modernize its approach to public policy to reflect changes in public policy-making and public service as well as new learning requirements for policy leaders. The commission's recommendations will focus on providing Queen's with a forward vision for revitalizing its presence in the public policy arena.

'As a leading Canadian university. Queen's aims to be an important contributor to public pol-

icy in this country because it enhances our research prominence, improves our learning environment, and extends our reach and reputation," Principal Woolf says. "While Queen's is still highly regarded in the field of public policy, we face an evolving landscape. I am confident the commissioners will develop recommendations that will inform a renewed strategic purpose and vision that fits the contemporary context."

The Principal's Commission on the Future of Public Policy at Queen's University will be led by Michael Horgan, MA'79, a Queen's alumnus and former deputy minister of Finance Canada with more than 30 years of public service experience.

"As a proud alumnus, I am ex-

cited to lead this important commission. Mr. Horgan says. "I look forward to fostering a discussion about the wavs Oueen's can respond to a changing public policy environment that requires policy leaders who can work



with a wide range of stakeholders and turn ideas into action."

Mr. Horgan will be joined on the commission by Margaret Biggs (Vice-Chair), Kevin

Costante, Artsci'78 and MPA'79, Jeannie Dempster, Artsci'93 and MPA'01, Bridget O'Grady, Artsci'03 and MPA'05, Peter Wallace, Artsci'83, Bob Watts, and Cam Yung, Artsci'16. The commission will commence its work in the coming weeks. It will research and consult with alumni and leaders in public affairs in Canada, both inside and outside of government. The commission is scheduled to deliver a final report in fall 2017.

In addition to establishing the commission, Principal Woolf earlier this year appointed David Walker as interim executive director of the School of Policy Studies and associate dean. With vast public policy experience and leadership skills, Dr. Walker will

play an important role as Queen's determines how this historically strong area can be reinvigorated both within the School of Policy Studies and in concert with other academic units at

Queen's has built deep connections with government over the past 50 years, with several principals and professors advising Canadian policymakers. Research conducted at the university informs public policy at all levels of government, while graduates of programs offered by the School of Policy Studies and other faculties across the university progress to leadership positions in the public service as well as the private and not-for-profit

# RSC welcomes new generation of leaders

**COMMUNICATIONS OFFICER** 

Five Queen's University faculty members have been named to the Royal Society of Canada's (RSC) College of New Scholars, Artists and Scientists program. The new program recognizes an 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 College opens the doors of the RSC to early and mid-career scholars and researchers, and provides them an opportunity to contribute to the promotion of learning and research, an important mandate of the Society," says Steven Liss, Vice-Principal (Research). "The researchers elected as part of the 2016 Membership are great representatives of the diverse range of leading edge and innovative research being undertaken by our younger colleagues on campuses across Canada.

## Stéphanie Bélanger

Canadian Institute for Military and Veteran Health Research; Department of French, Royal Military College of Canada

As a specialist in the testimony of war, soldier identity, army culture and military ethics, Dr. Bélanger makes a unique and impactful contribution to the Canadian community of researchers in her field of studies. She also makes significant contributions to the international community in the areas of military ethics and

"Being a member of the College of New Scholars, Artists and Scientists is an extremely humbling experience that reflects the very cordial relationship between the leaders and the academic communities at Queen's University, who has always been very welcoming and supporting of my visions, and at the Royal Military College of Canada (RMC), who trusted me in representing them at the Canadian Institute for Military and Veteran Health Research, which I co-funded and of which I am co-scientific director," says Dr. Belanger.

#### **Amir Fam**

Civil Engineering

Dr. Fam is an internationallyrecognized authority in the field of fiber-reinforced polymer stayin-place structural forms and tubes for concrete bridge columns and decks - an area of major current significance as it revolutionizes the way bridges and structures are built, rendering them immune to corrosion and deterioration, hence generating greater longevity and improved safety.

"I am delighted and honored to receive such a recognition though I truly feel I am receiving this on behalf of a larger group, including my current and past graduate students and post-docs. I am particularly glad that my field, civil engineering and specifically structures and infrastructure engineering, is recognized through this award.'

# Christian Leuprecht

Political Studies

Dr. Leuprecht is one of Canada's most prolific scholars in



The Royal Society of Canada's College names, from left, David Murakami Wood, Stephanie Belanger. Amir Fam and Christian Leuprecht to the program of New Scholars, Artists and Scientists. Missing from the photo is Parvin Mousavi.

the comparative study of security and defence. He has made innovative contributions to applying network science to transnational illicit networks, clustering heterogeneous semi-structured national security datasets, cybersecurity, the governance of borders, national security policy and administration and political demography.

The study of security and defence often reminds me of theology: lots of propositions, but little evidence to support any of them. The RSC's recognition draws attention to the importance of genuine, robust, and methodologically innovative research and affirms the Queen's-RMCC nexus is a world class hub for generating

this field," says Dr. Leuprecht, who is also a professor at RMC.

# Parvin Mousavi

School of Computing

Dr. Mousavi has pioneered a field of inquiry for precise management of complex human disease and personalized computerassisted diagnosis and therapy. Her innovative research uses machine learning methods on big data - from diverse modalities of medical images and omics profiling – to build comprehensive models for disease diagnosis and intervention, while uniquely incorporating patient-specific information.

# David Murakami Wood

Dr. Murakami Wood is an in-

terdisciplinary scholar in surveillance studies, an emerging field that he has helped to define. With a consistent focus on informing public and policy debate, he is addressing key issues of democracy and human rights in relation to security, surveillance, identity and privacy. His work has covered new surveillance technologies, the globalization of surveillance, and comparative studies of surveillance in global cities.

"This is recognition for all the work the Queen's Surveillance Studies Centre has done," says Dr. Murakami Wood. "I also want to mention and thank my mentor David Lyon and the excellent group of graduate students we work with.'



The Queen's Truth and Reconciliation Commission Task Force formed in early 2016 to address calls to action outlined in the December 2015 final report of the Truth and Reconciliation Commission of Canada.

# Truth-telling, and TRC community consultations

BY COMMUNICATIONS STAFF

The Queen's University Truth and Reconciliation Commission Task Force has set dates for five open consultation sessions - public meetings that provide a forum for community discussion and feedback, and will inform the university's process of addressing calls to action set out by the Truth and Reconciliation Commission of Canada.

"This is a truth-telling process, and we would like all members of the community to participate in these sessions and to feel comfortable providing feedback," says Mark Green, Professor and Associate Head, Civil Engineering, who co-chairs the task force along with Jill Scott, Vice-Provost (Teaching and Learning). "We would especially like to hear Indigenous voices, and at the same time, create a safe space for engagement with all groups - Indigenous and non-Indigenous students, faculty, staff, and community members."

Individuals or groups who wish to participate in one or more of these sessions are asked to email trctaskforce@queensu.ca for further information and to confirm attendance.

Both co-chairs emphasize the importance of participation by non-Indigenous members of the university community in the consultation process.

"This is a vital part of reconciliation, and noted clearly by Justice Murray Sinclair when he said. upon delivering the federal com-

# Consultation sessions

Five consultation sessions will take place over the course of the fall term:

Governance and Strategic Planning; Space and Place: Sept. 26, 2:30-3:30 pm, McLaughlin Room, John **Deutsch University Centre** 

 Student Access, Transition, and Student Support Services: Oct. 20, 4:30-6 pm, McLaughlin Room, John Deutsch University Centre

· Indigenous Faculty/Staff Recruitment and Indigenous

Research: Nov. 7, noon-1:30 pm, location TBD

 Academic Programming and Academic Planning: Nov. 7, 3:30-5 pm, Room 202, Robert Sutherland Hall

· Awareness and Climate: Nov. 23, 4-5:30 pm, location TBD

Individuals or groups who wish to participate in one or more of these sessions are asked to email trctaskforce@queensu.ca for further information and to confirm attendance.

mission's final report: 'Reconciliation is not an Aboriginal problem. It is a Canadian problem. It involves all of us.' This is equally important at Queen's," says Dr. Green.

The consultation process follows the release of the task force's preliminary report in August. The preliminary report details the consultation and information-gathering process, which will inform the task force's final report and proposals.

Each of the five open consultation sessions focuses on a particular theme:

- Governance and Strategic Planning; Space and Place
- Student Access, Transition, and Student Support Services
- Indigenous Faculty/Staff Recruitment and Indigenous Re-
- Academic Programming and Academic Planning

• Awareness and Climate

To help guide the consultation process, the task force has developed a set of questions to encourage discussion and generate input from the Queen's, Kingston, and local Indigenous communities.

In addition to the public consultation sessions, and to preserve the privacy of those who wish to provide feedback, the task force welcomes written submissions (confidential with all identifying factors removed prior to distribution to the task force) emailed to trctaskforce@queensu.ca. Community members can also participate in a small group or one-on-one meeting with a member of the task force.

More information, and the preliminary report, is available from the Office of the Provost and Vice-Principal (Academic).

# throughthelens



The Agnes Etherington Art Centre recently hosted the Fall Season launch with members and visitors being able to meet artists and staff, while also getting a preview of the featured exhibitions. Top: Artist Ciara Phillips mounts a new iteration of her Turner Prize-nominated Workshop (2010ongoing). Middle: Curator Sandra Dyck presents The Other NFB: The National Film Board of Canada's Still Photography Division, 1941-1971. Bottom: Queen's 175th Committee Chair David Walker, speaks to the audience about the Agnes being a campus gem and an integral part of Queen's 175-year history.







# queensu.ca/gazette September 27, 2016 Campusher September 27, 2016 Campusher 27, 2016 Ca



Liana Bontempo, a registered dietitian with a Masters in Public Health, is Queen's University's first Dietitian and Wellness Manager.

# Help for eating healthy

BY COMMUNICATIONS STAFF

Have you heard of the "Frosh 15"? It's the extra weight that students are rumoured to put on during their first year at university.

The reality is that most students don't gain that much, if any – but many struggle with maintaining good eating habits in a new environment, especially those who are living away from home for the first time. To help guide them, Queen's Hospitality Services has recruited Liana Bontempo as the university's first Dietitian and Wellness Manager.

Ms. Bontempo, a registered dietitian with a Masters in Public Health, has passion for building healthy communities.

"I love the ability of dietetics to bring together the arts, such as the socio-cultural aspects of food. with the hard sciences of health and nutrition," she says.

Ms. Bontempo will be developing several programs and providing guidance to all students. She is available to discuss a broad range of nutrition and food-related issues, including healthy choices and allergy management. She's

also a resource for other campus community members who have questions about dining on cam-

It's all about helping students find the right food to fuel their studies.

"I'm excited about helping students eat well," Ms. Bontempo says. "I look forward to helping them navigate their new food environment and keeping them happy and healthy on campus."

Students can book an appointment with Ms. Bontempo online (dining.queensu.ca/nutrition).

Hospitality Services also offers a number of other services to help students with their food choices, including nutritional information on their website for dining hall and retail food menus and signs that indicate whether menu items are vegetarian, vegan or gluten-

Students with food allergies can access a number of specialized services and meet with Campus Executive Chef Colin Johnson (queensu.ca/studentaffairs/healthand-wellness/allergy-information), the Allergy and Alternative Diets contact, to discuss their needs.

# **Controller recognized** for leadership role

BY ANDREW CARROLL, **GAZETTE EDITOR** 

A member of Queen's University's Finance Department has been recognized with an award from a national organization for the post-secondary financial sec-

Heather Woermke, who works as controller, is the 2016 recipient of the Emerging Leader Award from the Canadian Association of University Business Officers (CAUBO). The award recognizes members for their "innovative, meaningful contributions to the improvement of their profession and the efficiency of their institu-

Ms. Woermke was also recently appointed associate vice-principal (finance), effective Oct. 1.

"Heather is an incredible leader and I am certain that she will continue to excel as the associate vice-principal (finance)," says Caroline Davis, Vice-Principal (Finance). "I fully supported her nomination for the award and her abilities are again being recognized through her promotion."

In her work as controller, Ms. Woermke heads the Financial Services Department, with responsibilities such as research accounting, financial reporting, payroll, operations and compliance, and cash flow forecasting.

Current Associate Vice-Principal (Finance) Donna Janiec, nominated Ms. Woermke for the award and says that she has shown impressive leadership skills as controller as well as with related provincial and national bodies.



**Emerging Leader Award from the Canadian Association of University Business** Officers (CAUBO). On Oct. 1, she will take up her new position as associate vice-

"(Heather) is an incredibly dedicated, hard worker and always goes above and beyond in completing any project that she is given."

principal (finance).

— Donna Janiec

"She is an incredibly dedicated, hard worker and always goes above and beyond in completing any project that she is given," Ms. Janiec says. "She is an extremely competent high deliverer. She wants to make a difference and she has all the characteristics you want in terms of an excellent leader but also takes into account all the needs of her staff, the ability of her staff and

creates a fun work environment as well."

Ms. Janiec encouraged Ms. Woermke to join the Council of Ontario Finance Officers (COFO) Financial Reporting Committee when she arrived at Queen's, where she was appointed committee chair after just one year. Ms. Woermke also later served as chair of the CAUBO Financial Reporting Committee. CAUBO is a non-profit professional organization representing the chief administrative and financial officers at over 100 universities and affiliated colleges in Canada.

In the nomination Ms. Janiec highlighted Ms. Woermke's leadership in several projects involving core changes in Financial Services and throughout Queen's, adding that she utilizes an "extremely collaborative" approach.



Tickets on sale now! Purchase online, by phone 613-530-2050, or visit the Grand Theatre Box Office. Kingston WritersFest offers FREE rush seating for Queen's students\* On events like #11: Catastrophe and Drama with Governor General's Award winning playwright and actor David Yee or #33: Thrillers Made for the Movies with Iain Reid and Samuel Archibald

Student pricing for Writers Studio Master Classes: #2: Playwriting #35: Writing Smart Horror for Page or Screen #45: Writing the LGBTQ Voice













# viewpoint

Viewpoint offers faculty, staff and students the opportunity to reflect on a wide range of topics related to Queen's and post-secondary education. Email submissions or ideas to andrew.carroll@queensu.ca

# Unweaving the rainbow

BY CATHERINE DALE, BIOLOGY PHD CANDIDATE

Philosophy will clip an Angel's

Conquer all mysteries by rule and

Empty the haunted air, and gnomèd mine-

Unweave a rainbow – John Keats, "Lamia"

When I first came across the Keats poem "Lamia", I was a defiant science student sitting in a third-year English class, fighting to prove to myself and to my somewhat skeptical professor that there was no reason a biology major shouldn't also do a minor in English Literature.

The poem immediately got my back up. In it, Keats laments the rise of science, which he claims has robbed the world of its mysteries and made it predictable and boring. Science will, he says, "unweave [the] rainbow" in a quest to understand it – and in doing so, destroy its magic. No leprechauns and pots of gold for scientists; they're all about wavelengths, prisms, and refraction.

Of course, when I read the poem as an undergraduate, I was full of enthusiasm for my chosen field and leapt to its defence. It's true that scientists conquer mys-

teries (if they're lucky), I found myself arguing in class, but that doesn't mean they take the joy out of the world. Why should knowing how things work make them less interesting?

In fact, I thought – and still think today - that understanding the world, knowing what things are and how they work, makes life more interesting, not less. For example, over the last decade or so, I've spent countless hours trying to catch birds, using a decoy and recorded birdsong to make individuals think their territory is being invaded. And despite having done this hundreds of times, I still get a thrill when the territory owner reacts as science says he should, and comes in to defend his turf - every single time.

But I have a shameful admission to make: as I've continued in science, I've occasionally had the guilty thought that maybe Keats had a point. The thing is, science can sometimes be really, really boring. You can spend whole days weighing the smallest things (beans, bugs, fragments of bird claw) with a mind-numbing degree of precision. You can spend so long staring up at the trees, looking for birds – or staring down at the ground, counting plants - that you develop a permanent crick in your neck. You

"In fact, I thought - and still think today - that understanding the world, knowing what things are and how they work, makes life more interesting, not less."

- Catherine Dale

can enter data until your vision blurs, pipette until your wrist begs for mercy, and label samples until your fingers cramp. It's easy, while you're wrapped up in the small, tedious, and sometimes mindless details, to miss the big picture.

And when you're out in the field, the single-minded focus necessary to collect your data sometimes feels a bit like having blinders on. There may be beauty all around you - the view from your 'office' may be the most spectacular one imaginable – but there's so much that has to get done, and so little time to do it. Who has time to waste on stopping to smell the roses when it feels like your whole PhD depends on catching this bird or collecting that sample?

For example, people often assume that, because I work with birds, I must be an expert on them – the person to go to if you're not sure what kind of bird you saw at

your feeder last week. These people are almost always disappointed. In fact, I probably know less about birds than your average outdoor enthusiast, because when I'm out in the field collecting data, I divide them into only two categories: bluebirds (interesting; keep watching to gather data) and notbluebirds (not interesting; forget about them or risk being distracted). While this is kind of a sad way to look at the world, it's also understandable. When you're panicking about collecting every scrap of data you can in the little time available to you, it's all too easy to forget to appreciate the mysteries, the haunted air, and the rainbow.

All this has been on my mind recently because I'm currently in the midst of completing perhaps the most joyless task a scientist can undertake: writing the Methods section of my PhD thesis. Normally, I love to write – but every time I open this particular document, my heart sinks. If there's a way to make the meticulous detail of a scientific Methods section interesting, I haven't found it yet. Intellectually, I know that these details are important, because science is all about repeatability but I can't help but feel that focusing on them is sucking the magic out of what we do. As I labour

through lists of dates and times, equipment manufacturers and specifications, sample sizes and standard errors, I feel slightly sick that all my blood, sweat, and tears have been reduced to numbers on

But when I sat down to write my blog post, I realized that that's where stories come in. To me, telling stories - like we do here at Dispatches from the Field – is a way of finding my way back to the magic that sometimes gets lost in the everyday routine of science. The stories we tell here exist at the intersection of art and science: they provide context, let us focus on the big picture rather than individual elements, and allow us to capture parts of our experience that could never be conveved in the minute detail of a Methods section. Writing and sharing stories reminds me of the mystery and wonder in the work we all do.

I still think it's incredibly satisfying to understand how the rainbow works – but I also see value and joy in using stories to weave it back together again once in a

This article was first published on the 'Dispatches from the Field' blog (dispatchesfromthefield1.wordpress.com) which is aimed at highlighting the lives and work being done by field bi-

# **lives**lived

Lives Lived is a space to share your memories of a Queen's community member who recently died. Email your submissions to andrew.carroll@queensu.ca

# A big heart, a great smile and a terrific sense of humour

For those who knew Gerry Plunkett, what became abundantly clear is that he cared very much about those close to him none more than his family.

Gerry had a very big heart, a great smile, and a terrific sense of

But he also cared about Queen's University and the colleagues and friends that he shared his time with.

From riding his bike on the grounds of Queen's in his youth, to working for Physical Plant Services for nearly 30 years, to earning a bachelor's degree at the age of 50, Gerry's life was connected to the university.

Gerry's connection with Queen's started long before he worked there. His grandmother ran a boarding house on Princess



**Gerry Plunkett** 

Street where some of the residents were Queen's students. When staying with his grandmother he would help by serving the stu-

He started his career at Queen's on Nov. 1, 1984 as a custodian and worked his way up to manager of Area 2, in charge of a large contingent of skilled trades and custodians and responsible for the daily operation of a major share of the campus buildings.

He was a very thoughtful manager, had respect for his staff, and they for him. He treated them fairly and always had an eve for detail and that pride of ownership approach to his work. Many of the most recently-built buildings on campus have benefitted from his skillful hand.

Gerry retired on June 20, 2012, a day before his 65th birthday. He joked about taking "early" retire-

Education also was very im-

portant to Gerry and he took courses at Queen's long before he started working at the university. He had a commitment to life-long learning.

He would obtain a degree in psychology in 1997 and would then be featured in a course outline guide for part-time studies. In his typical humour, he often said the degree came in handy in dealing with some of the folks at work.

During that convocation Gerry had the honor of being presented with his degree from then-Chancellor Peter Lougheed. Gerry would later recall that when the chancellor tapped him on the shoulder with the mortar board to present him with his degree the chancellor hit him pretty hard on one shoulder – from then on he

claimed his golf game was never

Along with golf he also loved to play hockey, suiting up for years for the Collins Bay Panters, playing in countless tournaments. He would encourage his friends and colleagues to join the team.

Gerry was thoughtful and caring, dedicated and kind. He was a loving husband of Maureen, caring father for Greg and his wife Peggy, and a very proud grandfather (or 'Grumpa') of Abby and

Gerry Plunkett passed away peacefully at St. Mary's of the Lake Hospital on May 9, in his 69th year.

This Lives Lived was written with files from Maureen Plunkett and John Witjes, Associate Vice-Principal (Facilities).

# queensu.ca/gazette September 27, 2016 Campusher 27, 2016

# **Queen's**inthenews

### Highlights of Queen's experts in the media from Sept. 8-22

#### **NEWSPAPERS**

**Christo Aivalis** (History) said that, once the NDP leadership race begins in earnest, the influx of funds associated with new memberships

and the election of a permanent leader will help fundraising efforts, in The Globe and Mail.

Nicholas Bala (Law) commented on the sentencing of a 12-year-old boy in the Toronto Star.

Bruce Pardy (Law) was quoted in the National Post on Ontario's contracts with wind and solar energy developers

Donald Stuart (Law) told the Ottawa Citizen that the federal government should amend the Criminal Code to bring it in line with Supreme Court Charter rulings to prevent the sort of error being cited in the Travis Vader trial.

John Holmes (Geography and Planning) commented in the Toronto Star on Unifor fearing General Motors will shut down Oshawa

Jacalyn Duffin (History, Philosophy) had her op-ed published by Deseret News on the final miracle in the dossier of Marie-Marguerite D'Youville.

Peter Taylor (Mathematics and Statistics, Education) spoke to Toronto Sun for an article claiming Ontario is churning out high school graduates unable to add fractions or multiply numbers without the help of a calculator.

Louis Delvoie (Centre for Defence and International Policy) had his op-ed on how events of the past few weeks have precipitated yet another crisis in American-Turkish relations, but it is certainly not the first one, published in the Kingston Whig-Standard.

Lawrence Widrow (Physics, Engineering Physics and Astronomy) was interviewed by the National Post as part of a feature on astronomy and space science-oriented university programs in Ontario.

**Robert Wolfe** (Policy Studies) was cited in an article on the role of the WTO in Canada's trade agenda, in The Globe and Mail.

Sanjay Sharma (Medicine, Ophthalmology) spoke with Canadian Press about his new project - a free website for medical students designed to augment in-class lessons with short presentations on various topics - was profiled in the Victoria Times Colonist, Metro News and the Brandon Sun, as well as in a number of other local market dailies.

#### **ONLINE**

Kim Richard Nossal (Political Studies) commented on what observers should expect from Prime Minister Trudeau's first address to the



UN and Canada's future manoeuvering within the organisation, on CBC-News.ca; discussed the intricacies of lobbying for support in Canada's campaign to win a seat on the UN

Security Council, in the Huffington

Warren Mabee (School of Environmental Studies, Geography and Planning) commented that the Trudeau Government's recent climate change moves are indicative of a shift to devising a "realistic" plan to balance climate and economic concerns with Vice Canada.

Cathleen Crudden (Chemistry) was featured in phys.org regarding her research to develop a new coating process to increase strength of medical instruments.

**Christian Leuprecht** (Political Studies) was in globalnews.ca after North Korea conducted its second nuclear weapons test this year, raising fears the country is a step closer to developing a nuclear-armed missile that could strike North America.

Stanka Fitneva (Psychology) had her research on how children develop an understanding of knowledge, and how the process is impacted by their environment, profiled in phys.org.

Christo Aivalis (History) discussed the role of the Canada Pension Plan in making up some of the difference, and on the importance for unions of including younger employees in the decision-making process with CBC Online.

# **TELEVISION**

John Andrew (Business, School of Graduate Studies) spoke to CTV

National Network News following a report on prices in the Toronto and Vancouver housing market.

John Holmes (Geography and Planning) was interviewed CTV National Network News on what the Unifor/GM tentative agreement means for the Canadian Auto Indus-

Robert Wolfe (School of Policy Studies) commented that the World Trade Organization is still important to Canada's trade future on Business News Network.

Christo Aivalis (History) spoke to CKWS TV following calls by some in the NDP caucus for federal leader Thomas Mulcair to step down sooner than planned; discussed the Unifor/GM tentative agreement and how union negotiators will need to find new ways to compensate workers who could wind up losing out on future earnings due to changing pension structures, on CBC News Network, CBC Radio and for an article on CBCNews.ca.

Stephen **Archer** (Medicine) spoke to CKWSTV about research that will take place in the Queen's Cardiopulmonary Unit (Q-CPU)

when it opens later this fall. Drs. Archer and Vanner led a tour of O-CPU and the Gastrointestinal Diseases Research Unit (GIDRU) as well.

Eugene Lang (School of Policy Studies) talked with CTV National Network News on potential peacekeeping missions that Canadian

troops could be deployed as members of, and the general concept of peacekeeping.

#### **RADIO**

Nicholas Bala (Law) examined how polyamorous families are impacted by the current family law environment, on CBC's The Current.

**Christian Leuprecht** (Political Studies) spoke to Radio Canada International about provincial consultations on police oversight bodies: discussed calls for President Obama to pardon Edward Snowden on 640 AM Toronto radio; discussed the test detonation of a nuclear device by North Korea during interviews with CBC Radio, CKNW and NewsTalk 770 Calgary.

Lynda Colgan (Education) talked with CBC Radio about whether or not there is too much focus on abstract concepts before kids are cognitively ready?



## **MAGAZINES**

**Stanka Fitneva** (Psychology) commented in Scientific American on the links between word sounds and meanings.

James Reynolds (Biomedical and Molecular Sciences) discussed with Today's Parent how alcohol can impact fetal development.

# **Embracing new learning opportunities**

BY CELIA RUSSELL, SENIOR COMMUNICATIONS OFFICER, **HUMAN RESOURCES** 

Whether it's exploring personal resilience and strengths, delving into a certificate program or joining a walking club, Human Resources presents a range of options to help faculty and staff

develop and thrive in the workplace this fall.

New this year to the 2016-17 learning catalogue is a Positive Psychology series led by Lisa Sansom, Organizational Development and Learning. It will include two workshops she has offered in the past (Learn & Use your Strengths, Personal Resilience), as well as

several new workshops built around positive psychology principles (The PERMA Model: A Scientific Theory of Happiness including discussions on Positivity, Engagement, Positive Relationships, Meaning and Accomplishment; Mindfulness; Creating & Sustaining Positive Work Relationships).

The Certificate in International Perspectives (CIP) is being redesigned. "In addition to several core workshops, participants will have the option to focus on a particular stream of interest," says Shannon Hill, Learning and Development Specialist. The launch is planned for January 2017 with more details to follow throughout the fall.

In addition to the Certificate in International Perspectives, the Administrative Professionals @ Queen's Master Certificate (APAOM), Administrative Profes"We are continuing and expanding on the pre-retirement suite we introduced last year, digging deeper into topics explored more generally last vear."

— Shannon Hill

sionals at Queen's Certificate (APAQ), Certificate in Workplace Communications (CWC), From Diversity to Inclusion in the Workplace (DIW) and Queen's Volunteer Engagement Certificate (OVEC) will continue this year. Volunteer Engagement, the newest of the group, was introduced last fall to rave reviews.

The Interviews: Mastering the Technique workshop is now split into two separate workshops - Resumes & Cover Letters and Interviews: Mastering the Technique. Both workshops will be offered in the fall and winter terms.

"We are continuing and expanding on the pre-retirement suite we introduced last year, digging deeper into topics explored more generally last year," Ms. Hill says. Facilitators include Bob Weisnagel (Pensions) and financial advisors Susan Creasy and Carol-Ann Budd, both Queen's alumnae.

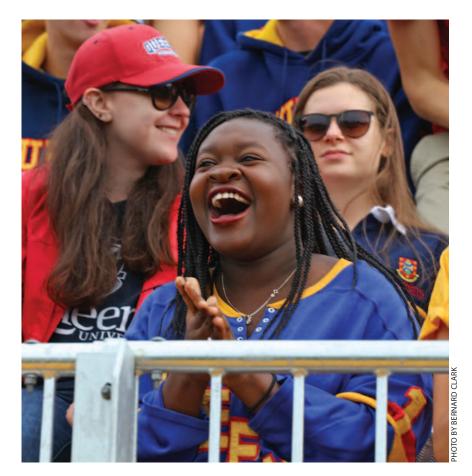
HR continues to partner with the Athletics and Recreation Centre to offer lunchtime walking clubs and classes in yoga and pilates.

To view all the offerings and to register, visit the learning catalogue (queensu.ca/humanresources/apps/training). For questions or more information, contact Shannon Hill at ext. 74175, or email the Organizational Development and Learning team at hrodl@queensu.ca.













# Celebrating community at stadium openers

BY COMMUNICATIONS STAFF

Gaels fans turned out to celebrate as Queen's University hosted a weekend full of activities to mark the opening of the revitalized Richardson Stadium on Sept. 17-18.

On Saturday the wet and windy weather couldn't dampen the celebrations that included welcoming speeches and the presentation of the game ball from representatives of the Gaels Vanier Cup winning teams from 1968, 1978,

1992, and 2009. Fans were also entertained by live music, stilt walkers, face painters, and balloon twisters during the pregame.

On the field, however, the Gaels (0-3) fell 27-13 to the No.5 Western Mustangs (3-1) in their home opener.

The Mustangs got off to a quick start, finding the endzone on the first possession of the game. The visitors then added a rouge and a field goal, to go up 11-0. The Gaels Nick Liberatore kicked three field goals to make

the score 11-9 late in the second quarter. Heading into the break, the teams traded field goal chances, but Liberatore missed to make the halftime score 14-10.

As the teams took to the locker rooms, the sky opened up and it poured on the tricolour faithful. Many fans ran for cover on the concourse under the newly constructed buildings on the East and West sides of the field. Both teams had to battle the elements as the third quarter started, with players on both sides struggling to hold

onto the ball.

To start the fourth quarter, Western held a 19-10 lead after a safety and field goal. Liberatore struck back with a personal-best 46 yard field goal.

The Queen's comeback was stymied when Western turned a Gaels fumble into a touchdown, as Chris Merchant scampered 20 yards into the endzone and the Mustangs made the two point conversion to put the final score at 27.12

The Queen's Gaels soccer teams

took to the turf on Sunday as part of Kingston Community Soccer Day.

The women's soccer team got the day off to a good start with a 1-0 win over the Carleton Ravens but the men fell to their first defeat of the season, a 4-2 loss to Carleton.

Along with the Gaels games, soccer fans were able to take in a pair of games featuring the Kingston Clippers League 1 Ontario men's and women's teams, who will also play out of Richardson Stadium.

# Richardson Stadium



Former Gael football player and major contributor to the Richardson Stadium revitalization campaign Stu Lang walks alongside Father Raymond de Souza after the opening ceremony on Saturday, Sept. 17.



Chancellor Jim Leech welcomes the Kingston and Queen's communities during the opening ceremony for the revitalized Richardson Stadium.



Vicki, centre, and Paul Hand, right, co-chairs of the Fields and Stadium Campaign Cabinet, take part in the opening ceremony for Richardson Stadium alongside Provost Benoit-Antoine Bacon.

# Turning dreams into reality

BY COMMUNICATIONS STAFF

The opening of the revitalized Richardson Stadium Sept. 17-18, marked the completion of a construction project that started in December but had roots that ran much deeper.

While there have been many in the Queen's community who contributed to the project, the financial support of donors has helped turn the state-of-the-art stadium into a reality.

The project kicked off in March 2014 with the announcement of a \$10 million pledge from Queen's alumnus and former Gael Stu Lang (Sc'74) and his wife Kim (Artsci'75). That announcement was followed by a \$5 million contribution from the Richardson Foundation. Other donors also stepped forward to contribute to the project, bringing the total amount raised to more than \$17 million. Queen's also contributed an additional \$3 million for infrastructure support of the stadium, bringing the total funding to \$20.27 million. The construction of the stadium was a priority within the \$500-million Initiative Campaign, which concluded this year.

"My wife and I met and spent four wonderful years at Queen's. I personally experienced life-changing opportunities both on and off the field," Mr. Lang said at a ceremony to mark the beginning of the stadium's construction. "The revitalization is about far more than just a new stadium. It is a key step in building a stronger varsity sports program for Queen's and

providing a better connection to the university. I'm proud to support this transformative initiative."

Playing a key role throughout the process were Paul (Artsci'69, MBA'73) and Vicki Hand (PHE'73), co-chairs of the Fields and Stadium Campaign Cabinet. It is one of a number of efforts undertaken to enhance the university's athletics and recreation facilities including Tindall, Nixon and Miklas-McCarney Fields, to promote the health and wellness of all students.

"Mr. Lang has shown tremendous vision and leadership in his desire to help Queen's revitalize Richardson Stadium and we are very grateful for his generosity," Daniel Woolf, Principal and Vice-Chancellor, said following the funding announcement. "A modern stadium with a new artificial turf field will promote the excellence of our teams and better meet the needs of our student athletes."

As the new home for the Gaels football and women's and men's soccer teams Richardson Stadium now offers integrated and varied seating options and improved sightlines, bringing the fans closer to the field action. An array of enhanced amenities includes a new box office, washrooms, concessions, an upper concourse with access to both sides of the field, a new video board and sound system, modern stadium lighting, and paved parking with reserved access. For the press and media, the stadium is fully TV compatible with designated work stations and TV camera spaces within the new press box.



teams take to the field at Richardson Stadium for the opening event on Saturday, Sept. 17



Donors Dan Pawliw and Kristina Pearce pose at the donor wall outside Richardson Stadium with their daughters Sophia and Annie ahead of Saturday's game.

# research queensu.ca/gazette • September 27, 2016

# Ventures set to accelerate in GrindSpaceXL

BY ANDREW CARROLL, **GAZETTE EDITOR** 

With the aim of taking their companies to the next step, nine local startups have been selected to participate in the Grind-SpaceXL-Kingston program, including three graduates from the recently-concluded Queen's Innovation Connector Summer Initiative (QICSI).

Now in its fourth cohort, GrindSpaceXL-Kingston is a 12week accelerator program that brings together early-stage, highpotential ventures at Innovation Park and provides them an active environment, including access to advisors and mentors.

The ventures gathered for the first time on Monday, Sept. 12 for an orientation day where they were introduced to the program and the resources that are available.

For Andrew Jackson, co-developer of GrindSpaceXL along with Elza Seregelyi, it is exciting to meet the ventures at such an early stage and to watch them as they move through the program and build upon the foundations they have already created.

"It's very interesting to meet them where they are at," he says. "We designed this program in a way that there are experiences that are done as a cohort together but for every experience that is done together there is a mirrored activity that is independent where we can then translate, 'What does this mean for you in terms of where you're at with your company?"



Andrew Jackson, co-developer of GrindSpace XL, looks on as Lisa Hallsworth talks about her venture Rillea Technologies during the orientation day for GrindSpaceXL-Kingston.

The competition to join the program was tough with a record number of applications this year. The field was reduced for the pitch stage and then the final nine were selected.

Mr. Jackson says this cohort has great potential. That includes three teams that participated in QICSI – Cognitiva; Paperweight Technologies; and overall winner RockMass Technologies.

The team members of Rock-Mass - Matas Sriubiskis (Artsci'17); Shelby Yee (Sc'16); Matt Gubasta (Artsci'17); Rigers Rukaj (Sc'17) and Nichola Trinh (Sc'17) – are looking forward to collaborating with the other ventures as well as the GrindSpace team and mentors, but also feel that they will benefit from working within a structured environment as they did in QICSI.

Being here at GrindSpace is a great opportunity for us," Ms. Trinh says. "We were part of QICSI over the summer, so being part of an incubator where we can draw on networks of alumni and mentors and other students who are also starting their own businesses, it's a really good opportunity to draw on the feedback and get advice from them. Being part of Grindspace we can continue that in a new setting. It's still Kingston but we'll be able to talk to new people. There are a lot of interesting startups that we hadn't heard of before and now we're going to get that opportunity to work with them.

Participants will have access to numerous resources through their interactions with Queen's University, including shared lab, office, collaboration and meeting room space at Innovation Park, services through Queen's Industry Partnerships to facilitate research and customer development and access to legal counsel through the Queen's Business Law Clinic. They will also be able to access intellectual property, commercialization and financial expertise through PARTEQ Innovations and mentoring and coaching services provided by Launch Lab.

'Queen's University is delighted to continue providing leadership of the GrindSpaceXL program in Kingston, which will accelerate the development of innovative startups on campus and across the region," says Steven Liss, Vice-Principal (Research). "The many quality applicants to this year's GrindSpaceXL program are indicative of the entrepreneurial drive and momentum that is building in the area. We look forward to helping these startups, including student-run companies, advance the commercialization of their technologies."

New this year, Secker Ross and Perry LLP will meet with each company to identify opportunities to strengthen corporate governance and provide feedback and recommendations regarding tax structuring and compliance matters.

GrindSpaceXL-Kingston is part

of InnovationXL, a collaboration among Queen's University, PARTEQ Innovations, and Launch Lab which provides programs and services to accelerate the growth and retention of high potential startups and SMEs. InnovationXL forms part of a broader collaboration with Invest Ottawa and L-SPARK, a B2B SaaS incubator and accelerator, to strengthen the regional innovation ecosystem in Eastern Ontario.

# A place for quiet writing time

BY ANDREW CARROLL. **GAZETTE EDITOR** 

In search of a quiet place on campus where he could focus on writing, Greg King, Robert Gilbert postdoctoral fellow in Geography and Planning, found what he was looking for in the Fireplace Reading Room located in Stauffer Li-

In a pilot project between the Office of the Vice-Principal (Research) and Queen's University Library earlier this year, the space was made available to faculty and post-docs once a month to provide them some much-needed quiet writing time.

Dr. King says that the opportunity helped him achieve his goal of writing more frequently, both for producing research, but also as an avenue for thinking and getting ideas on paper.

The creation of a full morning



Quiet space is once again being made available to Queen's faculty and postdocs once a month on Friday mornings in the Fireplace Reading Room in Stauffer Library.

of quiet writing was an excellent impetus to put writing first and make it a focus," he says. "For me, signing up for an opportunity to force myself out of my office, into a quiet area surrounded by peers and faculty who are focused on getting tasks done was an excel-

lent kick start. Although only once a month it is a great reminder and I actually try and go myself at least once a week to the same

Building on that success, the quiet writing space is being offered once again 8:30 am-noon on Sept. 30, Oct. 28 and Nov. 25.

Dr. King adds that being surrounded by others focused on their work proved motivating.

"When I find my mind drifting a bit, the presence of others who are taking the time to be working diligently and quietly in the same space helps return my own focus," he says, adding that he will make use of the program again this term

Space is limited, and registration (queensu.fluidsurveys.com/s/QWT 2016/) is recommended to ensure a

Questions and suggestions may be directed to kelly.blairmatuk@queensu.ca.



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

# AVE 30%

# Queen's employee rate ONLY \$50 per month

Enroll today! Contact Donna Stover, Queen's University Parking Manager, stoverd@queensu.ca Routes and schedules located at kingstontransit.ca

# queensu.ca/gazette September 27, 2016 Oncampus

# throughthelens



Members of the Queen's United Way Committee attended the launch of the annual campaign for the United Way of Kingston, Frontenac, Lennox and Addington, where an overall goal of more than \$3.4 million was announced. From left: Jerry Brens, Kellie Hart, Patty McHenry, Julian Fraser, Caroline Davis, Sarah Mills and Emily Johnston.



# Invest in Life

A life well lived is the greatest return possible.

- Investments
- Estate Planning
- Tax Planning
- Insurance
- Retirement
- Mortgages

Contact me for more information.



ngston ON K7P 3C4



MELISSA PARENT

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

Trademarks, including Investors Group, are owned by IGM Financial Inc.

ww.faceboook.com/CarolAnnBuddInvestorsGroup



# **Driven by change**

BY ANDREW CARROLL, **GAZETTE EDITOR** 

For Saba Farbodkia, the president of the Society of Graduate and Professional Students, getting involved in student politics was a natural step. She hardly could avoid it, really.

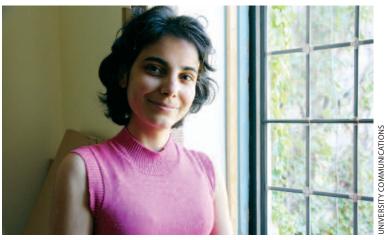
"I guess because of my personal history I've always been a little bit political, always trying to bring about change," the PhD candidate in neuroscience says. "Because I didn't have an easy life myself, that's the drive. Also I had things to say because of my personal life experience. I can sympathize with people, people's difficulties, very strongly.'

Growing up in Iran as a follower of the Baha'i faith, Ms. Farbodkia wasn't allowed to study in the country's 'official' universities. Undaunted, her undergraduate and master's studies would be completed in secret through Baha'i International University. There were no regular classrooms. The school is illegal.

Looking to pursue a doctorate, the next barrier was to find a school that would recognize her degrees. One of the few Canadian universities that would accept her was Queen's. Knowing the school's history of accepting those who have been rejected elsewhere - such as Robert Sutherland, Alfred Bader as well as being one of the first Canadian universities to admit women - Ms. Farbodkia made her way to Kingston.

She has found a new home, she says, one that has welcomed her with open arms.

In her fifth year of doctoral studies, Ms. Farbodkia decided to run for president of the SGPS. She was unopposed and received a



As the president of the Society of Graduate and Professional Students, Saba Farbodkia represents graduate and professional students in the University Senate, Board of Trustees and other university bodies.

strong vote of approval.

During her one-year term, she will be focusing on three areas: the student-supervisor relationship; graduate student mental health; and equity issues. To achieve these goals she is first looking to improve and increase the amount of data collected from SGPS members.

It's an analytical approach and perhaps, as a scientist, that shouldn't be surprising.

"I am hoping that we can find a way to directly contact more students and, still in a confidential way, collect the data and encourage students to speak up," she says, adding that she has found there remains a reluctance among many graduate students to raise issues. 'Maybe if it is a student organization that is collecting the data they will be more comfortable."

She hopes that future SGPS executives will pick up the gauntlet and continue to gather data on various topics and the process will become formalized.

Four months into her term, Ms. Farbodkia is encouraged by her interactions with the university administration. As SGPS president she represents graduate and professional students in the University Senate, Board of Trustees and other university bodies

"As the president I am the one who is most in contact with the administration and I have learned a lot about issues that impact SGPS members, so I can help them," she says. "Already I have learned a lot about the things we can do as a student organization to help students at Queen's and how the administration listens to us."

Other members of the SGPS executive team are: Vice-President Campaigns and Community Affairs Anastasiya Boika; Vice-President Finance and Services Stuart Clark; Vice-President Graduate Sebastian Gorlewski; Vice-President Professional Kishan Lakhani.

For more information about the SGPS and its executive, visit sgps.cfswpnetwork.ca.

# gradstudies

Upcoming workshops in the Expanding Horizons Series for graduate students and post-doctoral fellows:

- Avoiding Plagiarism: Citation 101, Tuesday Sept. 27, 4-6 pm, Douglas Library - E Lab
- Integrity in Research and Academics, Thursday Sept. 29, 4-6 pm, MacCorry Hall, room D216

Further information visit queensu.ca/exph/

# **SGS Notices**

The School of Graduate Studies congratulations Dr. Robert Stanley Brown (Chemistry) and Dr. Jane Errington (History), recipients of the 2016 Award for Excellence in Graduate Student Supervision. The awards will be given during Fall Convocation 2016.

# **Open Thesis Defenses**

Wednesday, Sept. 28

Nadia Keshwani, Rehabilitation Science. 'The Assessment and Treatment of Postpartum Women With Diastasis Recti'. Supervisors: L.B. McLean; T.L. Parsons, 035G Louise D. Acton Bldg., 9 am

Thursday, Sept. 29

Joshua Guyer, Psychology, 'Investigating Multiple Roles of Vocal Confidence in Persuasion', Supervisor: L.R. Fabrigar, 228 Humphrey Hall, 9:30 am

Thursday, Sept. 29

Iwona Anna Bielska, Epidemiology, 'The Epidemiology and Health Economics of Ankle Injuries: Implications for Healthy Policy'. Supervisors: A.P. Johnson; W. Pickett, 311 Carruthers Hall, 11 am

Friday, Sept. 30

Natalie Kalmet, Psychology, 'Lineup Size and Number of Cues: When Bigger Isn't Better'. Supervisor: R.C.L. Lindsay, 228 Humphrey Hall, 1:30 pm

Monday, Oct. 3

Hongfei Wang, Electrical & Computer Engineering, 'Communication-Efficient Decentralized Sequential Detection'. Supervisor: S.D. Blostein, 428 Walter Light Hall, 8:30

Friday, Oct. 7

Ryan McSheffrey, Philosophy, 'A Restorative Theory of Criminal Justice'. Supervisor: C.A. Sypnowich, 402B Gordon Hall, 10 am

# international



For the 2016 winter term, Hanna Chidwick (Artsci'17) studied at the University College Maastricht in the Netherlands for an exchange that was supported by the Liberation Scholarship Program. During her time in Europe, Ms. Chidwick took the opportunity to visit a number of European cities, including Budapest, Hungary.

# A learning experience and much more

BY ANDREW CARROLL, GAZETTE EDITOR

By studying for a semester at the University College Maastricht (UCM) in the Netherlands, Hanna Chidwick (Artsci'17) gained the learning experience she was looking for.

She also gained valuable life experience.

Through the exchange, facilitated by the International Programs Office at Queen's and supported through the Liberation Scholarship Program, the Global Development Studies student spent the 2016 winter term at UCM furthering her education, while at the same time gaining a better understanding of the Netherlands and its people, and meeting students from around the world.

What initially drew her to the school, however, was the preferred method of teaching at UCM.

"The reason I chose Maastricht is because, at the school itself, they do something called problembased learning," she explains. "This means smaller classes and more peer-to-peer learning. The students are really engaged in what they are learning and they are passionate about the topics they are learning about. It was an environment that makes it really easy to work with other people and engage with the subject matter."

At the time of her exchange, Europe was in the midst of the refugee crisis and hearing from "The scholarship also gave me the opportunity to realize the connection between countries, the connection between Canada and the Netherlands and the importance of that connection in our history and their history and to bring that back here."

— Hanna Chidwick

others, especially students from around the European Union, was an "enriching" opportunity for a global development student.

Ms. Chidwick says that by taking her learning experience outside of Canada, she was able to meet and learn from others who have very different viewpoints. She also found that she learned much from simply trying to communicate with other students who come from different backgrounds. Making those connections was a key learning point that will remain with her.

"I think I learned a lot from the challenges I had in connecting with others, trying to communicate with other people but also the importance in every aspect of my career, my university life, my academic sphere, of how much other people can contribute and how much you can learn from other people," she says. "Creating partnerships in a sustainable way, I think that for me, was really instilled. I met so many people from all over the world and trying to maintain those

connections and be open to always learning was the ultimate learning that I took out of it."

She also learned about the bonds that link the Netherlands and Canada, which are the driving force behind the Liberation Scholarship. Exchanges, such as this one, are an opportunity she thinks other Queen's students should take advantage of.

"I would definitely recommend and encourage others students to get involved in an exchange like this. The scholarship also gave me the opportunity to realize the connection between countries, the connection between Canada and the Netherlands, and the importance of that connection in our history and their history, and to bring that back here," Ms. Chidwick says. "I feel that I have the responsibility now to represent some piece of the Netherlands that I experienced."

Started in 2015, the Liberation Scholarship Program, funded by the Dutch Ministry of Education, Science and Culture, provides 70 scholarships to Canadians to study at Dutch universities. The scholarships are named in honour of the 70th anniversary of Canada's participation in the liberation of the Netherlands.

For more information on exchanges available to Queen's students, visit the International Programs Office in Mackintosh–Corry Hall, Rm. B206, visit the website (queensu.ca/ipo/home), or send an email to ipo@queensu.ca.

# throughthelens



As part of their orientation, newly-arrived international students had the opportunity to visit the Four Directions Aboriginal Student Centre, where they were introduced to various aspects of First Nations culture by Elder-in-Residence Mary Ann Spencer and participated in a smudge ceremony.





You've hit the books, now let us help you hit the road. With Mazda's Grad rebate you can save up to \$1,000 towards the purchase or lease of a new Mazda.





1488 Bath Road 613-542-2000 www.kingstonmazda.com

# queensu.ca/gazette September 27, 2016 Oncampus

# **events**calendar

#### Wednesday, Sept. 28, Noon-12:45 pm **Noontime Breathing Meditations**

Protect your mind against stress with a 30-minute breathing meditation. All are welcome-students, staff, faculty, women & men! Anyone who needs relaxation and a calm mind. No meditation experience necessary. Each session is self-contained. Suitable for beginners & experienced meditators. Kelsang Denpa (Canadian Buddhist nun) leads these meditations.

#### Wednesday, Sept. 28, 5-6 pm **Brockington Visitorship: Dr. Donatella Di Cesare**

Dr. Di Cesare will address her findings on works of Martin Heidegger, one of the 20th century most influential philosophers, and his interpretation of Shoah. In his newly discovered "Black Notebooks", Heidegger claims that the Holocaust was an example of "self-destructions: the Jews destroyed themselves and no fingers should be pointed at anyone except the Jews themselves." Di Cesare will show that Heidegger was not only the Nazi, but also anti-Semitic. She will also discuss what role Holocaust played in the construction of Heidegger's philosophy of the history of being. Agnes Etherington Art Centre

#### Thursday, Sept. 29, 5:30-8 pm **Laskin Lecture: Zohar Goshen**

Is there a Need for a Special Court in Corporate Litigation? Dunning Hall, Dunning Hall, Rm. 14

#### Friday, Sept. 30, All day Clone of Creativity and the Mind, Image, Fantasy and Healing

This is an all-day presentation of panelists from mentla health, the arts and humanities aimed at professionals and general public. Agnes

Etherington Art Centre. \$100 students, \$140 general public, \$160 mental health professionals

#### Friday, Sept. 30, 3-4:30 pm **Geography and Planning Colloqium Series**

Dr. Kendra Coulter (Brock University) will speak on Animals, Work and the Promise of Interspecies Solidarity. Mackintosh-Corry Hall, Rm. D214

#### Saturday, Oct. 1, All Day **Creative Expressions of Teaching** and Learning

This exhibit runs from Oct. 1-31. Much of what we do to enhance teaching and learning at Queen's focuses on teaching practices, learning outcomes, course design, etc. While these are incredibly important, we can sometimes miss the creative element of teaching and learning in higher education. This month-long exhibit celebrates the creativity of teaching and learning.

#### Tuesday, Oct. 4, Noon-1:15 pm **Centre for International & Defence Policy Speaker Series**

Dr. Keiko Kono and Mr. Takeshi Watanabe (The National Institute for Defense Studies, Japan) will speak on "The Question of China and its Role in the PACRIM" Robert Sutherland Hall, Rm 448.

#### Wednesday, Oct. 5, Noon-1 pm Heritage Livestock: Conserving the past for our future with Laurie Maus, Biologist & Farmer

After 45-plus years of raising livestock, Laurie has specialized in the breeding and conservation of heritage breeds of livestock. She will talk about the merits of heritage breeds and the reasons why their conservation is so important for fu-

2 9 6 5 2345878 4 2 6 7 5 6 1 4 2 8 2 1 8 4 5 7 9 6

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

ture food security. Ban Righ Centre

#### Wednesday, Oct. 5, 1-4 pm **Faculty Development Educational Research Series**

Session 2: Planning Your Literature Review and Ethical Considerations -The aim of the session is to explore the educational research literature, to narrow and shape the research question, and to identify ethical considerations for your research project. Please bring a laptop to the session to participate in the search activities. Robert Sutherland Hall, Rm 202.

#### Thursday, Oct. 6 7-10:30 pm New York Portuguese Short Film **Festival**

The Portuguese Embassy in Canada, the Camões Institute, the Queen's University and the Arte Institute present the Premiere of the VI Edition of the NY Portuguese Short Film Festival. The Festival brings us 7 shorts and 2 invited shorts by Portugal's most promising filmmakers. Since last May the festival has taken place in New York, Lisbon, Cascais, London, Sydney, Bangkok, Sao Paulo, Mozambique, South Africa, Montreal and Rio de Janeiro. The short films were selected and submitted to a distinguished jury composed of figures of American, Portuguese and Brazilian film experts. Arte Institute established the N.Y. Portuguese Short Film Festival - the first of its kind in the U.S. - to expose a broader, international audience to Portuguese culture. Kingston Hall Rm 201

#### Thursday, Oct. 6, 1-2:30 pm SNID Talk: Frame Up: Using the Law to Save the Planet

When he and his colleagues began the Green Rights multi-media project four years ago, Silver Donald Cameron set out to explore the implications of the fact that of the 193 members of the United Nations, 180 recognize their citizens' legal right to clean air and water and healthy food - but Canada is not among them. As the feature documentary and the book Warrior Lawyers evolved, however, they came to understand that the purpose of traditional environmental law is not to protect people or the environment, but to legalize harm. The real power of environmental rights is that it begins the process of re-framing our concepts of law, and, more profoundly, our relationship to the natural world of which we are a part.

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

# **ACROSS**

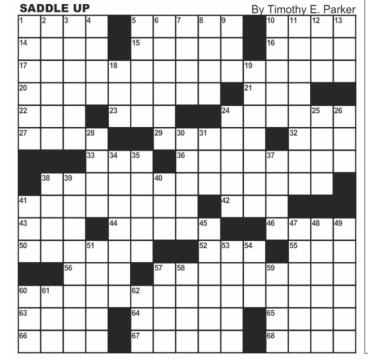
- 1) Old sorcerer
- 5) It's waved before musicians
- 10) Bounce back, in a way
- 14) Milky birthstone
- 15) ancient Greek marketplace
- 16) Blooper
- 17) It's attractive in cartoons? 20) Many French immigrants
- 21) It plays it
- 22) Under a doctor's care23) Some widths for printers
- 24) Harangue
- 27) Some deer
- 29) Anklebone
- 32) Intense anger
- 33) "Right there, that's it"
- 36) Private, as information
- 38) Old-fashioned mode of transportation

#### 41) Birthright

- 42) 'Neath counterpart
- 43) Important time
- 44) "You did \_\_\_ nice job"
- 46) Dutch cheese
- 50) Detonating device 52) Smartphone program
- 55) Contraction before "seen
- worse" 56) Crumb on a dinner table
- 57) It prevents embarrassment
- 60) Activity seen at Pimlico
- 63) Miscellaneous assortment
- 64) Mysterious ancient letters
- 65) "Bus Stop" playwright William
- 66) Unskilled working stiff
- 67) Daisy variety
- 68) They are chipped on golf courses

# DOWN

- 1) Angora coat
- 2) Classic Harlem venue
- 3) Use mouthwash, e.g.
- 5) It holds water
- 6) Horrified
- 7) Warner Bros. creation
- 8) Assayers' subjects
- 9) '60s conflict site
- 10) "Doctor Dolittle" actress Samantha 11) Participating in a certain line dance
- 12) Farmer's tool
- 13) Many a time
- he drove out of sight"
- 19) Under debate
- 24) Engine supercharger
- 25) Heavy cart
- 26) Slippery sea creature
- 28) Bombay dress
- 30) Sleeper's breathing problem
- 31) Trailed no one34) Ancient goddess of fertility
- 35) Got wind of
- 37) Shrek, e.g.
- 38) "Catch!"
- 39) Handel bars? 40) Cause of wrinkles
- 41) Cool, old-school
- 45) Servile servant
- 47) Kind of inspiration 48) Exact retribution for
- 49) Integrates
- 51) Improper lighting?
- 53) As such
- 54) Letters of pressure
- 57) Imitation, as fur
- 58) Unflattering facial marks 59) Mine entrance
- 60) Bounce
- 61) "Bravo, bullfighter!"
- 62) Generic family nickname



# Making connections on the ice

BY COMMUNICATIONS STAFF

Queen's Athletics and Recreation has announced a grassroots partnership with the Greater Kingston Girls Hockey Association (GKGHA) and Kingston Ice Wolves.

The women's hockey team will be highly involved with the Ice Wolves and will be providing coaching education, athlete and coach training, mentoring, along with having players assisting at practices as well as other capacities across the GKGHA.

"The Ice Wolves are extremely excited about partnering with Queen's Athletics and Recreation as this partnership will help increase awareness of women's hockey in the local community, while allowing the Queen's hockey athletes to give back to the community, be a leader and role model for future female players. It provides a direct link or connection for the Ice Wolves players to get to know their



Members of the Queen's Gaels women's hockey team will be helping and mentoring young players from the Greater Kingston Girls Hockey Association (GKGHA) and Kingston Ice Wolves.

local female role models and that is exciting," says Michael Hermer, GKGHA Hockey Development Coordinator. "The partnership will allow for unique development initiatives within the Greater Kingston Girls Hockey Association and support our organizations goal to be

leaders within the OWHA in developing tomorrow's female players, while supporting and augmenting our development initiatives for improved player and coaching development.

The opportunity to give back to youth in the community and to

promote the development of female hockey in Kingston is an important piece of the relationship in the eyes of Gaels women's hockey coach Matt Holmberg.

"The Queen's women's hockey coaches and players are extremely excited to start this particular season for several reasons, with a key one being our renewed partnership with the Kingston Ice Wolves," he says. "Our players remember very well what it was like to have role models and mentors as they developed in hockey, and are eager to do what they can to pass that experience along to the next generations of local players."

Queen's will also be providing the Ice Wolves with tickets to upcoming Gaels games along with discounted tickets for the 2017 CIS women's hockey championship hosted by Queen's.

The Gaels were on hand for the Ice Wolves Novice and Atom "Kick off/Fun day" in Napanee on Saturday, Sept. 24.

# **fit**tips

# Beat the slump

Many of us know the afternoon slump rather well. Your energy level goes down and it's hard to focus. Physical activity does a lot to help beat the afternoon

· Do leg lifts to get blood flowing during those long meetings.

- Substitute a short walk for a break instead of browsing the in-
- · Use washrooms on another floor and take the stairs.
- Do shoulder rolls every time you check your email.
- · Sit on a yoga ball when doing work at your desk.

Taking a physical activity break around 3 p.m. will help you stay focused and work more efficiently.

Be aware of what's affecting your body and your energy level. Make sure you get enough sleep, eat a healthy lunch, and fit in some physical activity.



www.dentalhouse.ca dentalhouse

**Kingston General Hospital (KGH)** 76 Stuart Street, Kingston, ON K7L 2V7 © 613-546-4933 kingston@dentalhouse.ca

# queensu.ca/gazette September 27, 2016 Oncampus

# books

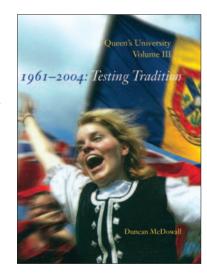
Queen's University Volume III, 1961-2004: Teseting Tradition by **Duncan** McDowall (History)

Founded in 1841 by a royal charter, Queen's University evolved into a national institution steeped in tradition and an abiding sense of public service. Propelled initially by its Presbyterian instincts and an attachment to Gaelic culture, Queen's has prospered and adapted over the years to match Canada's everchanging dynamics.

In this third volume of Queen's University's official history, Duncan McDowall demonstrates that the late 20th century was a contest between expediency and tradition waged through crisis and careful evolution. Testing Tradition calibrates the durability of Queen's vaunted traditions in the face of shifts in the broader Canadian soci-

During this time of massive postsecondary expansion, Queen's grew from a small, collegial campus of 3,100 students to a sprawling cosmopolitan place of more than 20,000 students from over 120 countries engaged in undergraduate, graduate, and professional pro-

Measuring Queen's University's



responses to concerns over social diversity, human rights, and gender equity through the eyes of its trustees, administrators, students, faculty, and the Kingston community, this volume pays particular attention to the experiences of women and visible minorities at the

Copiously illustrated with photographs of important people, events, and aspects of campus life, this volume shows how Queen's, in having its traditions tested, has worked to retain the best of its past, while accepting the inevitability of change.

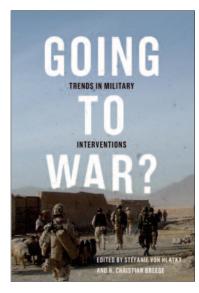
Going to War?: Trends in military interventions edited by Stefanie Von Hlatky (Political Studies, Centre for International and Defence Policy) and H. Christian Breede (Centre for International and Defence Policy)

Going to War? investigates the reasons why countries enter conflicts by considering the depth and complexity of issues surrounding military deployments.

Showing how such conditions affect future decisions about the use of force, contributors to this volume study recent experiences with military interventions - such as regional flash points, the global financial crisis, and public weariness - to outline the crucial factors that influence wartime decisionmaking.

Through detailed discussion of threats, capabilities, trends, and the implications of Canada's and NATO's military experiences abroad, Going to War? determines that the reasons for warfare have as much to do with domestic concerns as they do with international threats.

With essays by defence scientists, established and emerging scholars, and senior military officers from Germany, the United



States, and Canada, this volume includes debates on whether the number of military fatalities is being reduced, war's changing character, and the ways in which the improvised explosive device has and will continue to challenge modern, advanced militaries deployed abroad, especially in Afghanistan and Iraq.

A sophisticated exercise in foreign and defence policy analysis, Going to War? provides clear and vivid ideas on how to optimize future Western military interventions.

# humanresources

#### Job postings

Details regarding job postings internal and external – can be found at queensu.ca/humanresources/jobs. Applications for posted positions are accepted by email only to working@queensu.ca before midnight on the closing date of the competition.

Competition: 2016-327 Job Title: Academic Accommodation Coordinator (USW Local 2010) **Department:** Faculty of Engineering and Applied Science

Hiring Salary: \$44,897 (Salary Grade 6)

Hours per Week: 35 **Appointment Terms:** Continuing Appointment

Closing Date: 10-Oct-2016

Competition: 2016-326 Job Title: Internship Coordinator (USW Local 2010)

**Department:** Career Services Hiring Salary: \$44,897 (Salary Grade 6)

Hours per Week: 35 Appointment Terms: Term Appointment (1 year) Closing Date: 04-Oct-2016

**Competition: 2016-325** Job Title: Manager, Student Experience Office

**Department:** Student Affairs (Student and Learning) Hiring Salary: \$57,732 (Salary

Grade 8)

Hours per Week: 35 **Appointment Terms:** Continuing Appointment Closing Date: 04-Oct-2016

**Competition: 2016-323** Job Title: Administrative Assistant **Department: School of Graduate** 

Hiring Salary: \$44,897 (Salary Grade 6)

Hours per Week: 35 **Appointment Terms:** Continuing Appointment

Closing Date: 04-Oct-2016

Competition: 2016-277 Job Title: Senior Development Officer (USW Local 2010)

**Department:** Faculty of Engineering and Applied Science

Hiring Salary: \$61,378 (Salary Grade 9)

Hours per Week: 35 **Appointment Terms:** Continuing Appointment

Closing Date: 10-Oct-2016

**Competition: 2016-157** Job Title: Communications Leader **Department:** Canadian Cancer Trials Group (CCTG)

Hiring Salary: \$60,770 (Salary Grade 9)

Hours per Week: 35 **Appointment Terms:** Continuing **Appointment** 

Closing Date: 04-Oct-2016 Apply To: Mark Heeler, Director, Strategic Planning and Partnerships, mheeler@ctg.gueensu.ca

**Competition:** 2016-249 Job Title: Manager, Human Re-

**Department:** School of Medicine Hours per Week: 35 **Appointment Terms:** Continuing

Appointment Closing Date: 11-Oct-2016

Competition: 2016-322 Job Title: Controller

**Department:** Financial Services **Appointment Terms:** Continuing **Appointment** 

Closing Date: 14-Oct-2016

Competition: 2016-303 Job Title: Associate Director, Annual Giving

**Department:** Alumni Relations & **Annual Giving** 

Hours per Week: 35 **Appointment Terms:** Continuing Appointment Closing Date: 06-Oct-2016

# **Successful Candidates**

Job Title: Caretaker (CUPE 229) **Department:** Residence Facilities (Housing & Ancillary Services) Competition: 2016-197A-E Successful Candidate: Nancy Bates (Residences), Kym Murphy (Residences), Josh Byrom (Residences)

Job Title: Caretaker (CUPE 229) **Department:** Residence Facilities (Housing & Ancillary Services) **Competition: 2016-199** Successful Candidate: Laura Cooper (Residences)

Job Title: Postgraduate Program Assistant (USW Local 2010) **Department:** Surgery Competition: 2016-207 Successful Candidate: Kim Telford (Critical Care Medicine & Medicine)

Job Title: Learning Management System Support Analyst (USW Local

**Department: Smith School of Busi**ness

Competition: 2016-135 Successful Candidate: Carli Whit-

Job Title: Coordinator (USW Local 2010)

**Department:** Athletics and Recre-

Competition: 2016-168 Successful Candidate: Crystal Mc-Cracken

Job Title: Receptionist & Budget Clerk (USW Local 2010)

**Department:** Office of the University Registrar (Records and Services) Competition: 2016-187

Successful Candidate: Elizabeth Russell (Awards)

**Job Title:** Caretaker (CUPE 229) **Department:** Residence Facilities (Housing & Ancillary Services) Competition: 2016-198A-G Successful Candidates: Amelia Laranjeira (Residences), Amanda Cuddon (Residences), Marsha Sheasby (Residences), Sheila Way (Residences), Maureen Sheldrick

Job Title: Customer Service Representative

**Department:** Human Resources Competition: 2016-220 Successful Candidate: Sarah Heeney

(Residences)

Job Title: Investment Associate (USW Local 2010)

**Department:** Investment Services **Competition: 2016-146** Successful Candidate: John Wang

Job Title: Analyst L2 (USW Local

**Department:** Information Technology Services

Competition: 2016-186 Successful Candidate: Jason Lockerbie (IT Support Services)

Job Title: Research Projects Advisor (USW Local 2010)

**Department:** University Research Services, VP (Research) Portfolio Competition: 2016-165 Successful Candidate: Mayron

Moorhead (Financial Services)

# **PUZZLE SOLUTIONS**

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

SAI	DL	E UI	P							Ву	Tim	othy	E. Pa	arke
M	Å	Ĝ	Έ		в	<sup>6</sup> A	Ť	o	'n		Έ	C	Ή	o
O	Р	Α	L		Ά	G	0	R	Α		Ġ	0	0	F
Ή	0	R	s	Έ	s	н	0	Е	М	À	G	N	Е	т
Ά	L	G	Е	R	1	Α	N	s		Ť	Α	G		
<sup>22</sup> 1	L	L		Ē	N	s			Ť	1	R	Α	Ď	Ě
R	0	Е	S			Ť	Å	L	U	s		Ž,	R	Е
			Α	Ά	ੌΉ		ďΡ	Е	R	s	О	N	Α	L
	Ή	ő	R	s	Е	'nΑ	N	D	В	υ	G	G	Υ	
Ή	Е	R	1	Т	Α	G	Е		o	Е	R			
Έ	R	Α		Å	R	Е	Α	Ľ			Έ	Ď	Ά	M
P	Е	т	Ά	R	D			Ά	P	þ		<sup>66</sup> 1	v	Е
		Ô	R	т		F	Å	С	E	s	Å	ν	Е	R
Ή	ю	R	s	Е	в	А	С	ĸ	R	1	D	Т	N	G
o	L	ī	0		Ŕ	U	N	Е	s		<sup>65</sup>	N	G	Е
"P	Е	0	N		о	х	Е	Υ	Е		٣̈́T	Е	Е	s

