

CELEBRATING EXCELLENCE



**Seven members of the
Queen's community
recognized with
Distinguished Service Awards**

UNIVERSITY COMMUNICATIONS/BERNARD CLARK

The Distinguished Service Awards were handed out on Saturday, Nov. 7, by Chancellor Jim Leech, left, and Principal Daniel Woolf, right, at the University Council annual dinner. Receiving awards were, from left: George Anderson; Gordon Smith; David Bonham; Vicki and Paul Hand; Arunima Khanna; and Dr. Jane Russell Corbett, who received the award for her husband Stan Corbett, who passed away in May. See Page 4.

AN ICONIC ADDRESS IS REBORN
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A remarkable Breakthrough

BY CHRIS ARMES,
COMMUNICATIONS OFFICER

Queen's University Professor Emeritus and Nobel laureate Arthur McDonald, representing the Sudbury Neutrino Observatory (SNO) Collaboration, has received the 2016 Breakthrough Prize in Fundamental Physics. The partnership received the prize at a ceremony and gala on Nov. 8 at the NASA Ames Research Centre in Moffett Field, Calif.

"Our collaboration members are very pleased to receive this testimony to the scientific significance of their work," says Dr. McDonald. "Our findings are a result of many years of hard work starting in 1984, led by George Ewan of Queen's University and Herb Chen of the University of California, Irvine."

The SNO Collaboration was selected by the Breakthrough Prize Foundation "for the fundamental discovery of neutrino oscillations, revealing a new frontier beyond, and possibly far beyond, the standard model of particle physics."

Founded by Russian entrepreneur, venture capitalist and physicist Yuri Milner, the Breakthrough Prize in Fundamental Physics recognizes individuals who have made profound contributions to human knowledge. It is open to all physicists — theoretical, mathematical and experimental — working on the deepest mysteries of the universe. The prize is one of three awarded by the Breakthrough Foundation for outstanding contributions in life sciences, fundamental physics, and mathematics.

"I want to offer my heartfelt congratulations to Dr. McDonald



Arthur McDonald, Professor Emeritus and Nobel laureate, speaks at Stirling Hall on Thursday, Nov. 12, at an event hosted by Marc Dignam, Head of the Department of Physics, Engineering Physics and Astronomy, left. The event celebrated the awarding of the Breakthrough Prize in Fundamental Physics to Dr. McDonald and the SNO Collaboration.

and all of the SNO partners and collaborators on receiving the Breakthrough Prize," says Daniel Woolf, Queen's Principal and Vice-Chancellor. "Dr. McDonald and his team at SNO have made a tremendous contribution to our understanding of the world around us and opened up new possibilities in the study of astrophysics. Queen's University is proud to have supported their groundbreaking research."

The research at the Sudbury Neutrino Observatory, for which Dr. McDonald also received the 2015 Nobel Prize in Physics, took

place two kilometres underground in Vale's Creighton mine near Sudbury. Their findings demonstrated that neutrinos change their type — or flavour — on their way to earth from the sun, a discovery that requires neutrinos to have a mass greater than zero. The results also confirmed the theories of energy generation in the sun with great accuracy.

"At Queen's we have fostered a culture of research excellence and strongly encourage and support the collaborative efforts of our researchers," adds Steven Liss, Vice-

Principal (Research). "This prize is truly indicative of how fundamental research can have a transformative impact on how we view the nature of matter and the universe, and the monumental role that university research plays in addressing some of the world's most difficult questions and challenges."

The \$3-million prize is shared with four other international experimental collaborations studying neutrino oscillations: The Superkamiokande, Kamland, T2K/K2K and Daya Bay scientific collaborations.

Queen's reviews practices for supporting students with severe allergies

BY COMMUNICATIONS STAFF

The university has begun a review of practices and procedures on campus to ensure continuous improvement to services for students with severe allergies.

"We will be speaking with students, families and experts and looking across the post-secondary education sector to consider model practices. We want to continue to improve services for students and hear from those directly affected by severe allergies and from experts in the field," says Ann Tierney, Vice-Provost and Dean of Student Affairs, who is leading the review.

The review will entail extensive consultations with a broad range of stakeholders including students, parents, medical experts, food service providers, Food Allergy Canada, and other interested parties that can provide advice and assistance to inform the work of the committee.

Consultations will be held through one-on-one and open meetings, details of which are posted to the Division of Student Affairs website.

Individuals are also invited to submit questions or comments and request a private meeting with the committee via email at vpdean.sa@queensu.ca.

The review will focus on three areas:

- Communication, education, awareness programming, health management and outreach;
- Residence and campus-wide food service policies and practices; and
- Training and emergency response.

The members of the committee are as follows:

- Ann Tierney, Student Affairs (Chair)
- Kyle Beaudry, AMS
- Dr. Carolyn Borins, Student Health Services
- Chris Cochrane, SGPS
- Jasmine Toor, University

Communications

- Roxy Denniston-Stewart, Student Affairs
- Bruce Griffiths, Housing and Hospitality Services
- Dan Langham, Environmental Health and Safety
- Kim Murphy, Risk Management
- David Patterson, Campus Security and Emergency Services
- Project and Research Assistant: Lauren Armstrong, Health Promotion

The committee is planning to deliver its report to Principal Daniel Woolf by early spring.

Bringing Queen's, Kingston together

BY ANDREW CARROLL,
GAZETTE EDITOR

Mapping out a prosperous future path for Kingston and Queen's was the focus of the Principal's Community Breakfast held Tuesday, Nov. 10 at the Delta Kingston Waterfront Hotel.

With a focus on entrepreneurship and innovation, Principal Daniel Woolf brought together members of the Kingston and Queen's communities as well as a panel of special guests, each with their own connection to the university: Shai Dubey, Director, Queen's full-time MBA and Distinguished Faculty Fellow, Smith School of Business; Natasha Baziuk, co-founder of Gryllies, the winning company from this year's Queen's Innovation Connector Summer Initiative (QICSI); and Venicio Rebelo, former owner of two of Kingston's largest hotels and conference centres.

Innovation initiatives at Queen's take a number of forms, ranging from organized initiatives between faculties such as the Queen's Innovation Connector (QIC), through to courses or components of courses as well as weekend workshops and competitions (e.g., Queen's Startup Summit, Queen's Entrepreneurship Competition, Enactus). At the same time, Queen's Innovation Connector Summer Initiative provides an important opportunity for students to develop a foundation for entrepreneurship and innovation, and an opportunity to put these concepts into practice, while PARTEQ supports innovation through supporting commercialization and transfer of Intellectual Property at Queen's.

Each speaker offered a different perspective regarding business and the Kingston economy that drew the attention of the more than 100 people attending the event.

Ms. Baziuk (Sc'15) spoke about the challenges faced by Gryllies and the support it has received.



Principal Daniel Woolf, left, hosted the Principal's Community Breakfast on Tuesday, Nov. 10 at the Delta Kingston Waterfront Hotel, which featured special guests, at table from left, Natasha Baziuk, Venicio Rebelo and Shai Dubey. More than 100 members of the Queen's and Kingston communities attended the event.

While the start-up was created in a low-risk environment, receiving support from Queen's, Innovation Park and the City of Kingston through KEDCO, she says there remains room for growth. She pointed to a number of business incubators and accelerators that are based in major centres that draw young entrepreneurs away from smaller communities like Kingston.

But she also saw an opportunity for Kingston due to its location and the resources available.

"What I think Kingston could potentially do is, we're in such a strategic location in terms of being

close to Montreal, Ottawa and Toronto, that Kingston itself would be a great location to start the next incubator-accelerator program with the university connection as well as an already-established innovation sector," she says. "I think it will not only keep talent in the Kingston area but also attract talent elsewhere into our community."

Mr. Dubey, as the founder of Quicklaw, a leading provider of legal online database services to the legal profession, also spoke about the entrepreneurial experience. Through his work at the Smith School of Business he also sees the strength of the Queen's learning experience, using Ms. Baziuk as an example.

"Why are we different? Because we are teaching our people like Natasha to think, to be critical thinkers, to be able to take ideas and then put them into practice," he says.

He also sees much potential for the Kingston economy.

"The opportunity is here, we just need to plug into that opportunity as we go. And we do," he says. "We have world-class institutions, we have great assets here

but how do we take advantage of them?"

Infrastructure is a key in attracting and keeping people in Kingston says Mr. Rebelo, a Queen's graduate as well. He says he has seen the community grow in a number of ways and pointed to recent improvements that have provided a boost to the city and Queen's.

"What has been really beneficial for the city is the development of the infrastructure of the city itself – the reconstruction of Princess Street, the development of the downtown, the rebuilding of Market Square, putting a skating rink there, the development of the Rogers K-Rock Centre, the In-vista Centre, the K&P Trail – all those things are so critical to bring visitors to our town," he says.

The positive impressions of the community will remain with the visitors, who will then help spread the word about Kingston and Queen's and bring them back as well, he adds.

In kicking off the breakfast, Principal Daniel Woolf provided an update on Queen's to the many community leaders in attendance.

Principal Woolf highlighted re-

cent developments such as the \$50-million donation to the university from Stephen J.R. Smith and the awarding of the Nobel Prize in Physics to Professor Emeritus Arthur McDonald (Physics, Engineering Physics and Astronomy).

He also highlighted that the key areas of the Strategic Framework, including internationalization, continue to guide the university forward and help bring the Kingston and Queen's communities together.

"I and other members of the administration regularly travel abroad to raise Queen's and Kingston's profile internationally, to recruit students and faculty members and to sign partnerships that will allow student exchanges and research partnerships," Principal Woolf says. "And from Queen's perspective one major area of interest is providing a welcoming environment and community for international faculty and students. We are eager to work with the city and community partners to strengthen our capacity to welcome newcomers and help them integrate fully into the community."

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Honouring distinguished service

BY COMMUNICATIONS STAFF

The Distinguished Service Awards for 2015 were presented to seven members of the Queen's community this past weekend at the University Council's annual dinner. Awarded each year to staff, faculty, alumni and friends to recognize exceptional contributions to the university, the DSAs were presented by Chancellor Jim Leech and Principal Daniel Woolf to George Anderson, David Bonham, Stan Corbett, Paul and Vicki Hand, Arunima Khanna, and Gordon Smith.

The award recognizes exemplary service to Queen's over an extended period of time.

The following is an edited version of the citations for each award winner.

Distinguished Service Awards:

George Anderson

George Anderson's connection to Queen's reaches all the way back to the 1960s, when he completed his BA in Political Studies and received the Tricolour Award. During his career in the civil service, Mr. Anderson would serve as Assistant Deputy Minister in the departments of Energy, Finance, and Foreign Affairs. He would later serve as Deputy Minister of Intergovernmental Affairs in the Privy Council, Deputy Minister of Natural Resources, and Senior Expert with the Mediation Support Unit of the United Nations. Mr. Anderson's greatest contribution to Queen's came when he brought his experience to the Board of Trustees in 1997. His tenure on the board lasted 16 years, until 2013, at which time he was appointed Trustee Emeritus.

David Bonham

David Bonham served as both a professor and an administrator at Queen's University and took to each with equal grace and skill.

Cross-appointed to the Faculty of Law and the School of Business, Mr. Bonham left an indelible mark on both students and colleagues during the 30 years of his tenure. He also served as Vice-Principal (Finance) from 1971-77 and then Vice-Principal (Resources) from 1984-88.

Mr. Bonham has also always given generously of his time and energy to charitable and volunteer organizations including as Chair of the Anna and Edward C. Churchill Foundation, Vice-Chair of Hospice Kingston, sat on the



Vice-Dean of the Faculty of Arts and Science Gordon Smith, left, receives his Distinguished Service Award from Chancellor Jim Leech and Principal Daniel Woolf during the University Council annual dinner on Saturday, Nov. 7. A total of seven members of the Queen's community received the award.

Board of Directors of University Hospitals, Kingston Foundation, and the Board of Hotel Dieu Hospital. After his retirement from the university, Professor Bonham became a founding member of the Retirees' Association of Queen's and was chair of its Pension Committee.

Stan Corbett

Stan Corbett had a relationship with Queen's that stretched across five decades, and in May of this year, he passed away.

Dr. Corbett first came to Queen's to earn a BA in Mathematics in the 1960s and returned to complete his MA and then PhD in philosophy.

Dr. Corbett then taught philosophy at Acadia University, but in the 1990s returned to Queen's to study law. After graduating, he was hired to teach in the Faculty of Law. Universally beloved by his students, he won the Law Students' Society's teaching award three times.

An accomplished author, Dr. Corbett also wrote numerous re-

views, articles, and books before taking his most important role at Queen's: Associate Dean (Academic) in the Faculty of Law. Under his guidance, the law school rebuilt its educational offerings, expanded to blended and online learning, and added courses to provide students with essential law skills.

Paul and Vicki Hand

Paul and Vicki Hand have each in their own way made contributions to the university. Paul has served as a member of the School of Business' Campaign Cabinet and on the Advisory Board Committee. Vicki was the president of the Alumni Association's New York branch.

Together they've supported the construction of Goodes Hall, the Dean's Innovation Fund, as well as contributing to scholarships and awards.

Perhaps their greatest contribution to the university has been the leadership role they've taken in the Fields and Stadium Campaign Cabinet. Under their leadership,

Queen's has seen the construction of three new fields, and it is in large part thanks to the effort and dedication of these two that the Richardson Revitalization Project was such a success.

Arunima Khanna

Arunima Khanna is a psychologist and Cross-Cultural Advisor in Health, Counseling, and Disability Services.

Since coming to Queen's to complete her PhD, Dr. Khanna has been a tireless advocate for international and racialized students and she goes above and beyond the call of duty to ensure their inclusion and success.

Her job sees her advising administrators, faculty, staff, and student groups on issues pertaining to the needs of international students.

Dr. Khanna provides frequent support to the Queen's International Centre and the School of Graduate Studies as they navigate the challenges of integrating and working with people of different cultures. Dr. Khanna also works to

supervise graduate students on placement at HCDS.

Gordon Smith

Gordon Smith has served as Director of the Queen's School of Music, Associate Dean, and now Vice-Dean in the Faculty of Arts and Science.

During that time he has worked to develop joint programs with St. Lawrence College, establishing the Indigenous Studies Minor, working to create a Canada Research Chair in Indigenous Arts and has been an active member of the Aboriginal Council of Queen's.

One of Dr. Smith's greatest services to Queen's came from when he chaired the Operations and Planning Committee for the Isabel Bader Centre for the Performing Arts. In this position he balanced the needs, interests, and opinions of many different parties.

Because he cared deeply about the Isabel, he spent hundreds of hours reviewing plans to make sure that everything was just right.

Sanitizing the world's mobile devices

BY MARK KERR, SENIOR COMMUNICATIONS OFFICER

A team of five Queen's students sat in a classroom in Beamish-Munro Hall in the summer of 2014, dreaming big and mapping out business ideas on a whiteboard. Now – just 14 months later – the team's idea, a product that easily sanitizes electronic devices, is poised to break into the American market.

Limestone Lab's flagship product, CleanSlate UV Sanitizer, recently garnered one of six second-place prizes of US\$500,000 at the 43North pitch competition in Buffalo, NY. The CleanSlate UV sanitizer is designed to quickly and effectively clean portable electronic devices and help stop the spread of infectious diseases in health-care facilities.

Limestone Labs formed during the 2014 Queen's Summer Innovation Initiative (QSII), which is now known as the Queen's Inno-



SUPPLIED PHOTO

Oleg Baranov, Taylor Mann, Tyler Lypaczewski and Adel Ibrahim (clockwise from left) assemble the first CleanSlate pilot devices at Innovation Park in January.

vation Connector Summer Initiative (QICSI). The team at the time – Taylor Mann, Artsci'14, Oleg Baranov, Sc'15, Geoffrey Hoy, Sc'14, Serena Li, Com'16, and Scott Mason, Artsci'14 – captured third

place at the final QSII pitch competition.

Mr. Mann, CEO, Mr. Baranov, Chief Design Officer, and Mr. Mason, Chief of Business Development, remain with the company.

They are joined by Tyler Lypaczewski, Sc'11, CTO, and Graeme Clark, Chief Operating Officer. Adel Ibrahim, a PhD candidate in Queen's Department of Electrical and Computer Engineering, is a systems designer with the company.

"It's been a fast 14 months," Mr. Mann says. "It's really exciting, because the problem we are trying to solve – the spread of infectious disease through portable devices – will grow in urgency over the next two years."

The bedrock of the company formed during QSII, according to Mr. Mann. Limestone Labs built its network and connected with mentors Brad Tipler and Ramona Bavington. The company also consulted with Leslee Thompson, President and Chief Executive Officer, Kingston General Hospital (KGH).

"We understand our customers, which is one of the greatest advantages we have over com-

petitors. That understanding comes from multiple meetings with Leslee and staff at KGH. They were really helpful, letting us bounce ideas and concepts off them."

After the competition, Limestone Labs migrated to QIC Acceleration at Innovation Park where the team developed the prototype. QIC Acceleration provides resources and support for QICSI ventures after graduation.

"Limestone Labs has come a long way, and we are pleased to see the venture continue to grow and flourish," says Greg Bavington, Executive Director, QIC. "It's heartening to see that the Queen's Innovation Connector program is having a real impact by giving students the tools they need to take their innovative ideas and turn them into viable ventures."

Visit cleanslateuv.com for more information about the product.



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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

Discovering a home away from home

The following was first published on "We Are," a new blog site for the Equity Office at Queen's. The site was recently created to help foster a positive community of people celebrating equity, diversity and inclusion in the Queen's and broader Kingston community. This blog post is written by De-Lawrence Lamptey, a doctoral student from Ghana in the School of Rehabilitation Therapy.

BY DE-LAWRENCE LAMPTEY

As an international student, I left my home country and came to Queen's with mixed feelings. I felt super excited about the opportunity to improve myself and to serve the world in one of the world's finest universities. At the same time, leaving loved ones behind and moving to an unfamiliar place thousands of miles away from my home, where I did not know anyone (except one or two kind strangers) was a bit daunting. A couple of weeks before I flew in I connected with a Queen's University staff member willing to welcome me not only into the Queen's community but also into her home, and this was a big relief. Eventually, I became an adopted family member of this Queen's staff member. How did I get connected to this person? My academic supervisor connected me to this person.

Although I am a student with a disability, I do not feel different because I believe that everybody has something to overcome in order to forge ahead in life – be it a disability, a medical illness, a broken family, poverty, racial discrimination or what have you. Sometimes, we find great support to overcome whatever might be in our way to keep us going ahead in life. Other times too, life just leaves us on our own to figure it all out. That is just the way life is! Just because

the challenges of life can be hard should never be an excuse for one to give up. I guess the good news is that, with or without support, somehow, we have all survived experiences in life we never thought we could. This alone ought to inspire us to hope for the best and to not give up in the face of challenges.

Queen's has supported and challenged me to develop my potential to its fullest. As an international student and a student with a disability, I have received phenomenal support from the Queen's University International Center, Disability Services, the School of Graduate Studies, and the School of Rehabilitation Therapy, as well as Queen's staff, faculty and students. Several members of the Queen's community have been generous enough to share their personal experiences and stories with me to help set me up for success. I have also had welcoming opportunities to share my cultural background with the Queen's community through various seminars and presentations, and through music at the jamming sessions of the Queen's Music Club.

A unique part of my Queen's experience has been the challenges that Queen's has thrown at me as a way of nurturing an overcoming spirit in me and toughening me up to confront the challenges of life to better serve the world with my fullest potential. Admittedly, some of these challenges were not fun at all to deal with but knowing that the Queen's community was there for me, especially my close friends and the Queen's staff member who adopted me, kept me going. Come to think of it, I can testify that the times in my Queen's experience I found myself happiest are often times I engaged in fun activities. However, the times that grew my potential and character most are often the challenging times

when I had to overcome something as part of my learning experience.

Let me conclude with three principles that have been reinforced in me during my time at Queen's University:

1. Life is not about who has the best abilities but, it is about granting everyone the opportunity to serve the world to the fullest.

2. Brave men and woman are not brave because they are immune to fear but because they count the noble tasks they want to perform greater than the fear boiling in-

side of them. They know it will not be all the time they will be successful in accomplishing their particular noble tasks, yet they never cease striving to perform at their best to enrich society and make the world a better place for all.

3. It is not possible to win all things in life all the time, but it is possible to have a winning spirit all the time and when faced with a challenge, be determined not to allow it to take your spirit from you.

"We Are" can be found at queensu.ca/connect/equity/.



In recognition of Remembrance Day this past Nov. 11, the Gazette takes a look at one of the many units from Queen's University that answered the call to war. This photo, from the Queen's University Archives, shows the men and women of the No.7 Hospital, 2nd contingent, which left Canada in 1915. The unit served in Europe as well as in Cairo, Egypt.

liveslived

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

An ebullient personality who was always up for adventure

Phil Hahn, a long-time member of the Queen's community, died on Oct. 13 after a lengthy illness; he was 60.

BY ROBERT REID

Phil Hahn joined the Department of Obstetrics and Gynaecology at Queen's University as a research assistant in the Division of Reproductive Endocrinology and Infertility in 1984. Working closely with Dr. Robert Reid and Dean VanVugt, Phil became an integral part of an active research team.

His expertise in biostatistics, experimental design, clinical research methodology and evidence based medicine led to an increas-

ing role with the department. He was an active participant in the Cochrane Collaboration and regularly attended their international conferences.

Promoted to assistant professor in 2004 Phil's role expanded to that of department research assistant. In that capacity Phil willingly provided his time and expertise to teach and mentor students at all levels on critical aspects of clinical research.

Phil was co-founder of a national course on research methodology that was offered across Canada from 1991-2014 to all residents in training for Obstetrics and Gynaecology. The design of this training program was used in development of "The Research

Text: A primer for residents, other health care trainees and practitioners" by the Royal College of Physicians and Surgeon of Canada.

In 2008 he received the prestigious Presidents Award from the Canadian Association of Professors in Obstetrics and Gynecology (APOG) for his lifelong contributions to that organization. In 2015, he was awarded the Queen's APOG Educator Award.

Phil was the recipient of numerous awards for service and teaching both locally and nationally.

Those who knew Phil appreciated his ebullient personality and his love of life. Phil was always up for adventure. In his early years

he completed the K-Town triathlon. He enjoyed snow skiing and revelled in the ice hockey tournaments each winter with his friends from Wolfe Island. His recreational passion, however, was fishing and pictures of the latest catch were regularly circulated to his colleagues.

Our lasting memory of Phil will be of his dedication to the team at work and at play and his genuine concern for all those he helped along the way.

Born in Kitchener, Phil attended St. Jerome's High School and completed a BSc (Western University) followed by a MSc (University of Waterloo). A celebration on Life was held Nov. 14, at the University Club.



Phil Hahn

Queen's in the news

Highlights of Queen's experts in the media from Nov. 1-13

SPECIAL

Art McDonald's (Physics) 2016 Breakthrough Prize in Fundamental Physics was discussed on CBC.ca, Ottawa Citizen, The Whig-Standard, Yahoo! News, The Washington Post, and numerous other international, regional and trade publications.



NEWSPAPERS

Naomi Alboim (Policy Studies) commented on family reunification and immigration policy in the National Post, Star Phoenix, and other Postmedia dailies.

David Elder (Policy Studies) says making federal mandate letters open will "change focus," increase accountability, in the Ottawa Citizen.

David Murakami Wood (Surveillance Studies Centre) commented in the Globe and Mail on cell tracking devices.

Keith Banting (Policy Studies)

spoke to the Vancouver Sun for an article entitled "There's 'diversity,' then there's 'super-diversity,'" Burnaby style.

Jessica Lougheed (Psychology) discussed how close relationships can help ease life's stresses, in the Hindustan Times.



Don Drummond (Policy Studies) spoke to the Globe and Mail regarding Canada's health-care bill to top \$219-billion this year.

Kathy Brock (Political Studies) was interviewed by the Globe and Mail for "What's the first thing you would do as Prime Minister?"

Robert Morrison (English Language and Literature) was in Oxford University Press for "The Magic Fix: De Quincey's portrait of the artist as addict."

ONLINE

Warren Mabee (Geography)

commented on a new royalty regime for offshore oil in Newfoundland on CTVNews.ca.



Judith Davidson (Psychology) discussed how the end of Daylight Saving Time affects those with sleep disorders on CBC News.ca.

Elizabeth Goodyear-Grant (Political Studies) discussed whether a change of tone should be expected from the post-Harper Conservative Party, in the Huffington Post.

Charles Beach (Economics) was interviewed by ctvnews.ca about the long-form census costs.

Ned Franks (Political Studies) was interviewed by iPolitics about the Mike Duffy trial.

Ronald Spronk (Art) was interviewed for his work on the attribution of two paintings to Hieronymus Bosch declared inauthentic, in Lexology.

Philip Jessop (Chemistry) talked

about switchable solvent technology being a promising development for advancing forward osmosis, in Chemical Engineering.

John Holmes (Geography) was on CBC Online for Canada's auto sector could take a big hit from the TPP.

Roel Vertegaal (Computing) was featured on BitDrone self-levitating displays, in Gizmag and RedOrbit.

TELEVISION



Christian Leuprecht (Political Studies) took part in a discussion of the ongoing Syrian conflict on CTV National News.

John Andrew (Geography and Urban Planning) took part in a live interview on housing prices and effects of a correction in the market, on CTV News Channel

Roel Vertegaal (Computing) was on Discovery Channel for drone cubes become flying, 3-D pixels.

MAGAZINES

Martin Hand (Sociology) postulates on the number of unknown photographs of us that could exist, in The Atlantic.

Tracy Trothen (Religion) wrote in the United Church Observer about how pornography, online erotica are booming, and so are porn addictions. Yet mainline churches seem all too content to look away.

Robert Woyzbun (Business) talked to Canadian Business Magazine about how small businesses are a "very attractive proposition," for large clients.

Don Drummond (Policy Studies) was interviewed by Canadian Business Magazine for Bring back big ideas; Canada doesn't do introspection anymore; wrote about increasing the share of health spending on doctors, in the Canadian Medical Association Journal.

Alan Harrison (Provost) spoke to Maclean's Magazine for their 2016 University Rankings.

Finding inspiration for teaching in unexpected places

BY DEBORAH MELMAN-CLEMENT,
SENIOR COMMUNICATIONS
OFFICER, ADVANCEMENT

It probably shouldn't surprise anyone to learn that Jacqueline Davies considers Socrates one of her heroes. She is, after all, a professor of philosophy.

But Dr. Davies has another hero, who has influenced her in ways Socrates never could.

Ms. Frizzle, the eccentric, adventuresome third-grade teacher from the *Magic School Bus* cartoon series, keeps Dr. Davies inspired as she encourages her students to "take chances, make mistakes, get messy!"

Dr. Davies's ability to inspire

her own students to learn fearlessly and embrace their mistakes has led to her selection as the 2015 recipient of the Alumni Award for Excellence in Teaching.

"Jackie's classes always had a different feel to them," says Galen Watts (Artsci'15), the student who nominated her for the award.

"They were democratic, un-hierarchical, and inclusive."

Dr. Davies began her career at Queen's in 1990, in what was then the Women's Studies Program. Today she is a Continuing Adjunct Associate Professor in the Department of Philosophy with a cross appointment in Gender Studies and affiliations with Cultural Studies and Jewish Studies. She

also serves as Acting Head of the Gender Studies Department.

And while she specializes in topics ranging from feminist thought to critical thinking and the insights of Emmanuel Levinas, she says the subject matter is always secondary to the students.

"It's really important to keep in mind that you're not teaching a subject," she says. "You're teaching people."

This insight has shaped a nimble, mindful approach to teaching which enables her to adapt to the needs of her students as she becomes aware of them.

"I'm a very verbal learner," she says. "But I've come to realize that not everybody has that style." After receiving feedback early in her career that her lectures weren't visually stimulating, she began actively looking for ways to engage all types of learners. "Now I incorporate a lot of material – film, music, things you can handle..."

Dr. Davies says the diverse approach is a helpful counterpoint to some of the material she teaches.

"A lot of the ideas we discuss are threatening because they challenge beliefs that students have," she says. "It's important to help people feel comfortable when they're having their beliefs challenged."



Jacqueline Davies, a professor of philosophy, is the 2015 recipient of the Alumni Award for Excellence in Teaching.

She may not lead her students on field trips to the ocean floor or the inside of a beehive, but like her cartoon hero, she keeps them eagerly anticipating their next learning adventure.

"It was always a fun surprise to arrive at Jackie's class," Mr. Watts says. "You never knew precisely what she would come up with next."

The Alumni Award for Excel-

lence in Teaching was established by the Queen's University Alumni Association in 1975 as the university's first campus-wide teaching honour. Dr. Davies will receive her award at the QUAA Gala Awards Dinner on April 2, and at the 2016 Spring Convocation. The deadline for nominations for the 2016 award is Friday, Feb. 25. To submit a nomination please visit, bit.ly/teachingaward2015.

gina karkoulis B.A., M.Sc.
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Helping You Visualize, and Ultimately Realize, Your Dreams

Honouring Principal Emeritus Smith

BY COMMUNICATIONS STAFF

David C. Smith's immense contributions to Queen's were recognized on Saturday, Nov. 7 during the official opening of the new residence that bears his name.

Mary Smith, Principal Emeritus Smith's wife, and several other family members attended the celebration. Principal Daniel Woolf recalled the collegial and consensus-building approach Principal Emeritus Smith took while leading the institution during a transitional period between 1984 and 1994.

An expert on labour economics and income policy, Principal Emeritus Smith came to Queen's in 1961. He took over as head of the economics department in 1968. Over the next 13 years, he built the economics department at Queen's into a national powerhouse.

Principal Emeritus Smith was made a fellow of the Royal Society of Canada in 1976 and became a Member of the Order of Canada in 1994. He retired from Queen's in 1996. After a brief illness, Principal Emeritus Smith died in 2000.

Smith House is one of two new student residences to open at Queen's this fall. Brant House, which is named in honour of Dr. Marlene Brant Castellano and Dr. Clare Clifton Brant, officially opened in October.

The new residences accommodate 550 students, ensuring first-year students will continue to have the chance to live in residence, which is an important part of the Queen's experience.



Mary Smith, left, spoke at the opening of Smith House, the new residence building named in honour of her husband, Professor Emeritus David C. Smith. The ceremony was attended by a number of family members, top right. Smith House is one of two new student residences to open at Queen's this fall. Brant House, which is named in honour of Dr. Marlene Brant Castellano and Dr. Clare Clifton Brant, officially opened in October.

UNIVERSITY COMMUNICATIONS/BERNARD CLARK

Investment Committee makes decision on divestment

BY CRAIG LEROUX, SENIOR COMMUNICATIONS OFFICER

The Investment Committee of the Queen's Board of Trustees has decided not to divest the university's pooled endowment and investment funds from fossil fuels.

The committee made the decision after reviewing and adopting the report of the Principal's Advisory Committee on Divestment: Fossil Fuels, which undertook an extensive consultation period with the Queen's community.

"Queen's is an academic institution whose core activities are teaching and research. The university's endowment funds exist solely to further these activities and the university has an obligation to seek the best possible re-

turn on these investments in order to advance its academic mission," says Don Raymond, Chair of the Investment Committee. "The Investment Committee agreed that divestment is an ineffective tool to mitigate the risks of climate change and would result in Queen's losing any moral suasion it has with companies in this sector."

While the advisory committee's report did not dispute that climate change is a critical issue, it found that the case for divestment on the basis of 'social injury,' as defined in Queen's Statement on Responsible Investing (SRI), had not been made. The advisory committee also concluded that aside from the question of social injury, divestment is not an effective tool in

mitigating the risks of climate change.

"The SRI provides a definition of social injury that entails activities that violate or frustrate the enforcement of rules or laws. While specific instances of illegal activity may occur, the committee recognized that fossil fuel industries are lawful, highly regulated and carry social and economic benefits," says David Allgood, who chaired the principal's advisory committee. "Given Queen's position as a relatively small investor, divestment would be largely a symbolic gesture. There are more effective contributions that Queen's can make to help address climate change through education, research and innovation, and in its operations."

The Advisory Committee on Divestment: Fossil Fuels was struck by Principal Daniel Woolf, as required by the SRI, after a divestment request was received from the student group Queen's Backing Action on Climate Change. The advisory committee engaged in extensive consultation before delivering its report.

"When I struck the committee I wanted to ensure that everyone who might wish to have their views heard on this matter would have that opportunity," says Principal Woolf. "After a six-month consultation period, more than 220 submissions and presentations were received from alumni, students, staff, faculty and others. I would like to thank everyone who participated in this process."

In accordance with the advisory committee's recommendations, the Investment Committee will review the applicability of the definition of social injury to sector-wide phenomena, and will consider possible shareholder engagement activities, given the resources available, around mitigating impacts associated with fossil fuel extraction and distribution.

The full report of the Principal's Advisory Committee on Divestment: Fossil Fuels is available online, and more information about the advisory committee is available on its webpage.

Details about Queen's process for considering divestment requests can be found in the university's Statement on Responsible Investing.

Partnership focuses on Yangtze River ecosystems

BY CRAIG LEROUX, SENIOR COMMUNICATIONS OFFICER

Queen's University has entered into a new phase of its collaboration with China's Tongji University that will see Queen's researchers participate in the International Research Laboratory of Yangtze River Ecology and the Environment, or InteLab-Yangtze for short.

InteLab-Yangtze is an international initiative that aims to create the foremost research centre in the world on the ecology of the Yangtze River basin. Its partner institutions also include the Helmholtz-Forschungszentrum Juelich, based in Germany, and Stockholm University in Sweden.

"Queen's and Tongji are already close partners, with a number of collaborative research and academic programs active between the two institutions," says Steven Liss, Vice-Principal (Research), who recently visited



Queen's Vice-Principal (Research) Steven Liss (right) and Tongji University Vice-President Jiang Bo sign a memorandum of understanding for collaboration on the new International Research Laboratory of Yangtze River Ecology and the Environment.

Tongji for the official signing of a memorandum of understanding between the two institutions.

"This new agreement will deepen this relationship and foster important new research related to

the ecology of one of world's longest rivers."

Queen's Biology professors Yuxiang Wang, Brian Cumming and Steven Lougheed were among those actively involved in starting InteLab.

"Both universities have a wealth of expertise in ecology and environmental science and this new collaboration with the InteLab-Yangtze will build on existing partnerships to provide exciting opportunities for learning and research," says Dr. Wang, Associate Professor in the Department of Biology and Director of the Environmental Physiology and Aquatic Ecosystems Lab.

Over the past few years Queen's and Tongji have developed a number of key partnerships, especially related to ecology and environmental science. In 2013 the two institutions established the Sino-Canada Network for the Environment and Sustainable Development, and in 2014

announced the creation of a "two-plus-two" degree program in environmental science.

Representatives from Tongji visited Queen's over the summer to participate in the first-ever Sino-Canada Workshop for Aquatic Environmental Sustainability held at Queen's main campus and at the Queen's University Biological Station, which became the sister-station to Yangtze River Environment Specimen Bank in 2015.

While in China, Vice-Principal Liss visited a number of universities in Shanghai, Nanjing and Tianjin and met with Queen's alumni in Shanghai.

China is an important focus in Queen's new Comprehensive International Plan and the university has been working actively to create new academic and research partnerships with Chinese universities and to attract high quality students to study at Queen's.

Queen's joins COU delegation to China

BY COMMUNICATIONS STAFF

Queen's took part in a visit by universities from across Ontario to Jiangsu Province, China, with the aim of expanding partnerships and fostering stronger ties.

The delegation, led by the Council of Ontario Universities, and representing 11 Ontario universities, met with institutions and businesses in the province from Nov. 3-6. Queen's was represented on the mission by Zhiyao Zhang, Director, Queen's China Liaison Office.

"Queen's is pleased to have the opportunity to participate in this mission, which will build ties with institutions in a region of focus for Queen's internationalization efforts," says Daniel Woolf, Queen's Principal and Vice-Chancellor. "The mission will help advance the objectives of the university's Comprehensive International Plan by providing opportunities to explore new research partnerships and collaborative academic programs."

Ontario Premier Kathleen Wynne leads the mission, which culminates in a signing ceremony and celebration on Friday, Nov. 6 in Nanjing. Citizenship, Immigration and International Trade Minister Michael Chan will join the ceremony, at which an agreement between Ontario and Jiangsu

provinces will be signed. The agreement sets a framework for renewed collaboration in higher education and research.

Ontario universities were invited by the Jiangsu Department of Education after several Vice Presidents of Research were hosted here last year.

"Ontario universities are actively forging connections with universities around the world to expand and foster partnerships that will boost the province's competitive advantage globally," says Bonnie Patterson, president and CEO of the Council of Ontario Universities. "Missions like this one to China to enhance partnerships in academic programs and research and to seek new exchange opportunities for students and faculty, give Ontario an even more competitive edge on the world stage."

Queen's launched its Comprehensive International Plan in August 2015 to support its internationalization efforts. Among the plan's goals are strengthening Queen's international research engagement and creating more opportunities for student mobility through programs like academic exchange programs. The plan also aims to attract high quality international students to Queen's and to increase international educational opportunities on the Queen's campus.

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Leading the way in supervision, mentorship

BY COMMUNICATIONS STAFF

A pair of professors are being recognized by the School of Graduate Studies for their excellence in supervision and mentorship.

Hossam Hassanein and Allan English are the 2015 recipients of the Award for Excellence in Graduate Students Supervision. The award recognizes outstanding supervisors who demonstrate excellence in advising, monitoring and mentoring graduate students through their training.

"The Excellence in Graduate Supervision Awards recognize those supervisors who have been instrumental in enriching the graduate student experience through mentorship, guidance and, on occasion, serving as the safety net when research doesn't go as planned," says Brenda Brouwer, Dean, School of Graduate Studies. "From the number of nominations we receive each year, we are extremely fortunate to have so many dedicated faculty

members and students who work hard to build strong and respectful supervisor-student relationships, which are so critical in graduate education."

Allan English (History) has taught at the undergraduate and graduate levels for 28 years at the Royal Military College of Canada, at Queen's, and at the Canadian Forces College in Toronto. He started teaching at Queen's in 1993, and has graduated 11 doctoral and 18 master's students. He is currently supervising five PhD students. His students have published five books and numerous scholarly articles based on their graduate work at Queen's.

Dr. English specializes in Canadian military history, and some of his current research is focused on how lessons learned from histori-



Allan English

cal experience can be applied to improve military, veteran and family health policies and practices. Dr. English has been a researcher with the Canadian Institute of Military, Veteran and Family Health, a focal point for 37 Canadian universities working together to address the health research requirements of the Canadian military, since its inception in 2010.

Students have commented that they appreciate Dr. English's encouragement to publish widely and frequently, and to aim high. In today's changing job market they also appreciate his advice to engage in "entrepreneurial thinking," and a number of his students have gone on to successful careers outside of academe where they have leveraged skills acquired in their graduate experience at Queen's to create business opportunities.

Hossam Hassanein (Computing) specializes in the areas of broadband, wireless and variable

topology networks architecture, protocols, control and performance evaluation.

Dr. Hassanein obtained his PhD in Computing Science from the University of Alberta in 1990 and is the founder and director of the Queen's Telecommunications Research Lab in the School of Computing.

Since joining Queen's in 1999, Dr. Hassanein has graduated 35 doctoral students and 48 master's students who have gone on to successful academic and industry careers. Together with his students, Dr. Hassanein has published three books, over 300 conference papers and 90 journal papers, all in top venues. Over 95 per cent of his publications are first-authored by students. Dr. Hassanein strives for excellence, novelty and rigour, as reflected in the nine best-paper awards received in flagship con-



Hossam Hassanein

ferences of papers co-authored with students.

Dr. Hassanein holds weekly individual meetings with his graduate students, and maintains an open-door policy. He also holds a weekly lab meeting in which members present their work and invited scholars give presentations. He hands out an annual "Telecommunications Research Excellence Award" to the top achieving student in the academic year.

Dr. Hassanein is highly regarded by his students for his "encouragement, sound advice, high-quality teaching, good company, and countless ideas."

CONGRATULATIONS

The School of Graduate Studies congratulates 874 SGS graduates who will receive their Graduate Diplomas, Master's and PhD degrees at convocation ceremonies being held on Nov. 17 and 18.

Q AQUATICS

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THE BEAUTY IN RESEARCH

BY COMMUNICATIONS STAFF

There is a massive amount of research going on at Queen's University and a recent photo contest has helped provide a view of some of the amazing work being accomplished.

This September, the Office of the Vice-Principal (Research) launched the first Art of Research photo contest, calling on faculty, staff and students to showcase their research, scholarly and artistic work. Dozens of images were received highlighting a wide range of research from microbiology to the humanities, and locations such as a lab on campus to the Ebola outbreak zone in Africa.

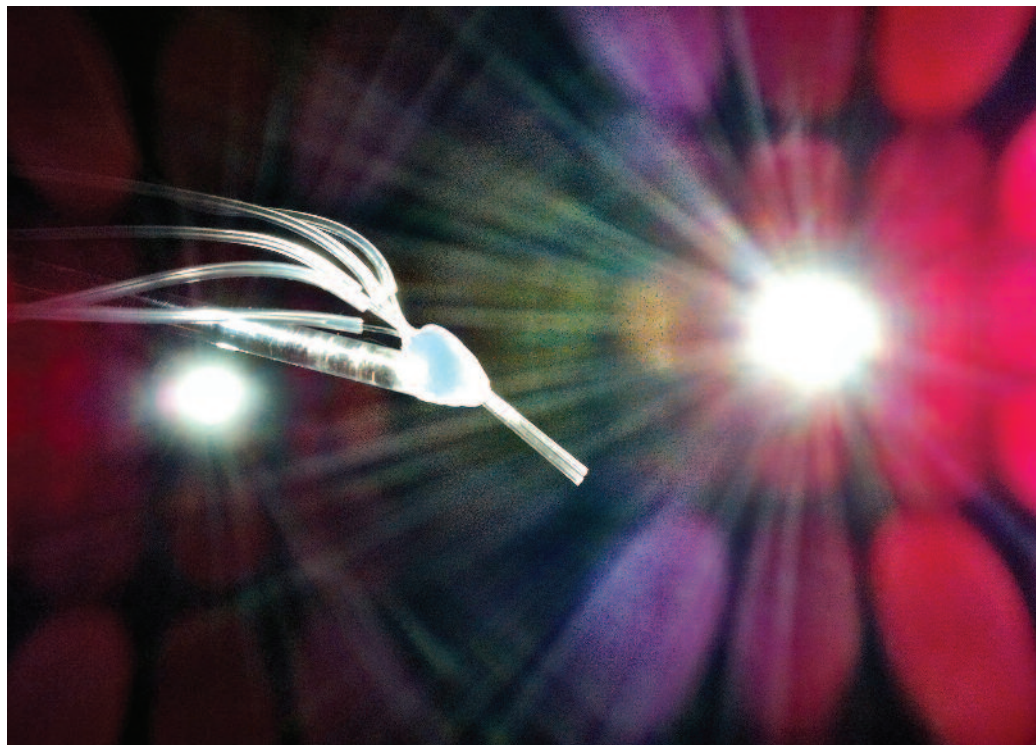
"Our inaugural Art of Research photo contest was truly a great success! We received over 50 entries from students, faculty, and staff that spanned the disciplines," says Melinda Knox, co-managing editor of (e)AFFECT, the Queen's research magazine. "The winning submissions illustrate that research is not just about output: it is also an artistic endeavour and this should be celebrated."

A panel of judges selected the first, second, third-prize winners, as well as an honourable mention. Another six photos were included in a shortlist.

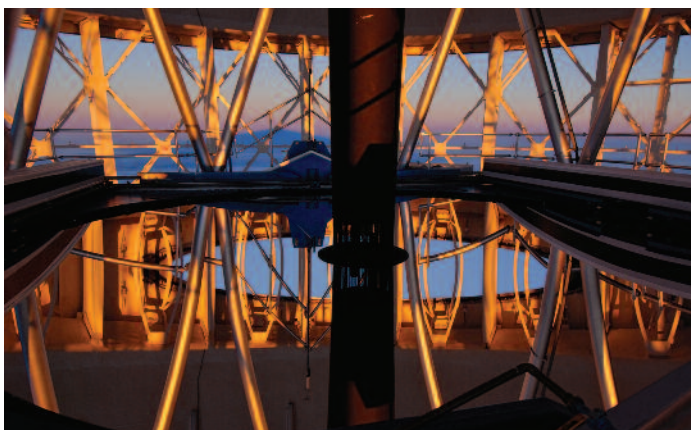
On this page are the winners and shortlisted photos. See the Research website (queensu.ca/research) for the story behind each photo.



SECOND PRIZE: *Santa Fina* – Musei Civici, San Gimignano, Italy; *Una Roman D'Elia*, Department of Art History



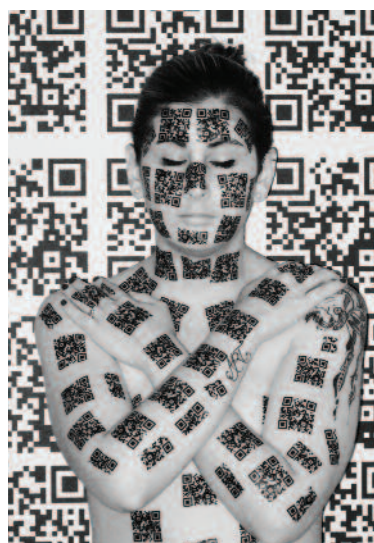
FIRST PRIZE: *Perfusion of Light* – Botterell Hall; Raymond Sturgeon, PhD student, Department of Biomedical and Molecular Sciences



THIRD PRIZE: *Gemini Mirror Reflections* – Mauna Kea, Hawaii; Stephane Courteau, Department of Physics, Engineering Physics & Astronomy



HONOURABLE MENTION: *In Search of Byzantium* – Simonopetra Monastery, Mount Athos, Greece; Theodore Christou, Faculty of Education



Shortlisted Photos

Top left: *Coded, I Am* – Kingston; Stéfy McKnight, Master's student, Cultural Studies

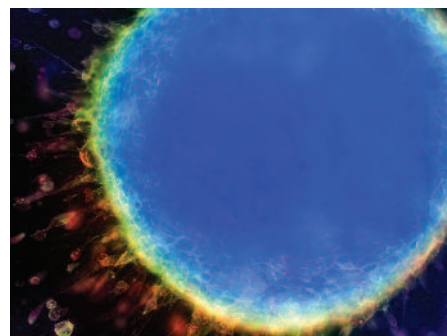
Bottom left: *At a Snail's Pace* – Botterell Hall; Alamjeet Kaur Chauhan, Master's Student, Department of Biomedical and Molecular Science

Top centre: *Leaving home* – A microscope slide; Eric Y Lian, PhD student, Department of Pathology & Molecular Medicine

Bottom centre: *The Last Tree* – Southwest Yukon; Courtenay Jacklin, Student Workplace Experience Program, Department of Geography

Top right: *Buried Alive* – Impala Platinum Mine, Rustenburg, South Africa; Melanie Jansen, Master's student, Department of Environmental Studies

Bottom right: *Borders. What borders?* – Apostolos Andreas Monastery, Cyprus; John McGarry, Department of Political Studies





The Queen's Genetically Engineered Machine team recently competed in the International Genetically Engineered Machine (iGEM) competition in Boston, where they captured a gold medal. The team includes, from left: Morgan Litschko; Justine Ring; Candice Tang; Danielle Ciren; Julia Grein; Dragos Chiriac; Jia Tanwani; Malak Elbartany; Kersh Theva; John Allingham; and Joanna Semrau. Absent: Amanda Fantin.

Backing United Way easy choice

BY ANDREW CARROLL,
GAZETTE EDITOR

For John Burge, Queen's music professor and Juno award-winning composer, supporting the United Way Kingston Frontenac Lennox and Addington is simple – with one donation you can help fund a wide range of organizations and make a real difference in the community.

Through giving he also gets something back.

"On a personal level I would have to say that supporting the United Way makes me feel strongly connected to the community," he says. "I would also add that it is through these kinds of connections that one can feel a bit of satisfaction in making the effort to help people get a leg-up or achieve a more richly satisfying life."

A long-time backer of the United Way, Dr. Burge has worked at Queen's University for nearly 30 years, starting off with a one-year contract. Over that time he has seen his salary rise and he points out that it has been likewise easy to increase his donations annually. Donations through payroll deduction is easy.

"Having watched the United Way expand the organizations that its supports over the years and the yearly increases in monies raised, I am always pleasantly surprised just how generous people in Kingston are," he says.

He also is impressed by the acknowledgement event held each year for those who have met the Leadership Challenge of donating \$1,200 or more to the campaign.

"I've been going to this event for years, and it's always a great gathering where you meet people from across a wide spectrum of the community and many different organizations. There are a lot of business people who have a strong desire to make the community better," Dr. Burge says. "It's great to feel that you are a small cog in a group that has such a strong sense of civic obligation. It would be wonderful to see more of the Queen's community join the Leadership Challenge group."

The United Way Campaign at Queen's has set a goal to raise \$300,000 from students, staff, faculty and retirees. The United Way of Kingston, Frontenac, Lennox and Addington funds agencies that help 75,000 people locally each year. Donations can be made online at andarcweb.unitedwaykfla.ca/alguregistration. For any questions, email to queen-sumitedway@queensu.ca.

A golden performance

BY ANDREW CARROLL,
GAZETTE EDITOR

By engineering ice-binding proteins to help donated organs withstand extended storage periods, a team of Queen's University students won 'gold' at the top international competition in the field of synthetic biology and provided a potential lifeline to many critically ill patients in the future.

Queen's Genetically Engineered Machine (QGEM) recently took part in the International Genetically Engineered Machine (iGEM) competition in Boston, where they presented their project to genetically re-engineer ice-binding proteins to allow them to be used as cryo-preserved for donated organs.

"There is an issue with the viability of organs and the amount of time that they're viable before they enter a recipient is constrained. Right now there aren't great methods to extend that," says Justine Ring, (Artsci'16), a veteran QGEM team member. "So knowing that we've got surgeons here at Queen's and clinicians as well as biochemists who are interested in projects that may help protect organs against adverse storage conditions, I think we went at it two different ways. Seeing that there is a problem, how can we fix it, as well as here is a set of tools we have available to us or that we think we can make, and here's how we can apply it."

As a result, the donated organs would be able to be stored longer and potentially reach more people in need of a transplant.

The QGEM team is completely run by students, with members coming from a wide range of disciplines such as life sciences, biochemistry, biology, chemical engineering and computing.

John Allingham, Associate Professor in the Department of Biomedical and Molecular Sciences and Canada Research Chair in Structural Biology, who acts as an advisor to QGEM, says this year's team was particularly strong in some key areas such as molecular biology and protein design, which helped lift them to the gold medal.

QGEM is also advised by Peter Davies a Professor from the same department, Canada Research Chair in Protein Engineering and one of the world's foremost experts on ice-binding proteins.

Initially the team was curious about simply improving the activity of ice-binding proteins as cryo-preserved, Dr. Allingham says, but they also had to consider the methods of large-scale production and stability of these proteins.

What the team came up with was a pair of projects – Ice Queen and Ice Finity. Ice Queen was created to enhance ice-growth inhibition activity, the characteristic activity of ice-binding proteins, by increasing their local concentration and locking them in ideal ice-binding configurations. Ice Finity

"The competition brings together over 300 teams from around the world, which in the spirit of synthetic biology, combine and create different genetic components for a practical purpose."

— Dragos Chiriac

was aimed at improving the stability of anti-freeze proteins so they can prevent ice growth in a range of harsh conditions that would normally hinder or destroy them.

The team worked throughout the summer before heading in late September to the iGEM competition.

"The competition brings together over 300 teams from around the world, which in the spirit of synthetic biology, combine and create different genetic components for a practical purpose," says Dragos Chiriac, the co-director of the incoming 2016 QGEM team.

By meeting the rigorous criteria set out by iGEM such as creating new biological parts, collaborating with other schools, and implementing successful human practices, the Queen's iGEM team earned a gold medal.

The learning experience offered by the team goes beyond the lab as QGEM is run much like a

start-up biotech company.

"QGEM is a multifaceted team just like any other team," says Malak Elbartany, who was responsible for managing the team's budget. "So we needed the funding that enables us to do all these projects and we need to track all kinds of aspects of the team similar to the way a business is run."

The team received funding and support from the Department of Biomedical and Molecular Sciences, the Faculty of Health Sciences, the Faculty of Engineering and Applied Science, the Faculty of Arts and Science as well as through the Student Initiative Fund and the Summer Work Experience Program at Queen's. And as Dr. Allingham points out, the team members gain valuable real-world experience that they will carry on beyond their studies at Queen's.

"It really is like starting a business. They have to go out and seek investors, pitch their project and describe how it's going to benefit the Health and/or biotechnological prosperity of Canadians, and then they must actually develop a product that may have some type of marketability," he says.

"Through this process, we're providing a unique and empowering educational opportunity for the next wave of future innovators and fledgling biotech groups."

To learn more about QGEM and the opportunities offered, visit 2015.igem.org/Team:Queens_Canada.

eventscalendar

Wednesday, Nov. 18-Friday, Nov. 20 Annual Gem and Mineral Sale

Purchase beautiful mineral samples, faceted gemstones, fossils and decorative items made from the rocks and minerals of the Earth! The sale is held in the Miller Museum of Geology

Wednesday, Nov. 18 & 25, 12-12:30 pm Lunchtime Breathing Meditations with Roberta Lamb

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. Ban Righ Centre, Third Floor Room.

Wednesday, Nov. 18, 12-2 pm School of Urban and Regional Planning (SURP) Open House

If you think you may be interested in a career in Planning, please join us! Robert Sutherland Building, Rm 554.

Wednesday, Nov. 18, 7:30-8:30 pm QUIC World Trivia Night

QUIC World Link Team is hosting a World Trivia Night. All are welcome! Winning Team will get a prize. Snacks will be provided. *Individuals will be put in a team. You are welcome to attend with a team as well.

Thursday, Nov. 19, 9-11 am Positive Space

The Positive Space program at Queen's brings visibility and support to queer communities at Queen's. Members of the Queen's community (staff, faculty, and students) can become program participants by at-

tending a Positive Space Information Session. The session includes an exploration of language and discussion of scenarios, to assure a shared level of familiarity with queer issues, local resources, and discrimination policies. Mackintosh-Corry Hall, Room B176.

Thursday, Nov. 19, 12-1 pm QSPS Policy Speaker Series - Warren Mabee

Climate and environment were not hot topics during the recent Federal election. But Canada needs to get serious about developing a strategy to address our climate issues, given pressure from our peers in the international community, and the necessity of regaining the trust of our customers for our energy products. We will examine Canadian options to reduce GHG emissions and face climate issues, and define three major ideas that our new government could take to COP 21 in Paris next month. Robert Sutherland Building, Rm. 202

Thursday, Nov. 19, 2:30-3:30 pm Computational Neurosurgery -- Robotics, Simulation, Image Guidance

School of Computing Distinguished Speaker Series - Dr. James Drake, Professor of Surgery, Division Chief of Pediatric Neurosurgery, Hospital for Sick Children. Computational Neurosurgery--Robotics, Simulation, Image Guidance Host: Dr. Gabor Fichtinger and Dr. Chris Wallace. Dupuis 217

Thursday, Nov. 19, 7:30-8:30 pm Cuban Films Showcase

A showcase of recent films made by Queen's students and faculty about Cuba. Films: Cycling in Havana by Prof J. Hosek, (LLC) Young Cuban filmmakers by J. Burgess (MA Cult

Studies), and Films by Cubans in Canada curated by Z.Zarza (PhD Cult Studies). Kickoff event for Sonia Enjamio scholarship fund. The Isabel Bader Centre for the Performing Arts.

Friday, Nov. 20, 12:05-12:50 pm Fitness: How Do I Make Time For it?

Learn fitness multi-tasking: making the most of what time you have and how you can fit fitness into your everyday work and play. Take home fabulous 15 minute workouts that keep you fit, build muscle tone & burn fat! Mackintosh-Corry Hall, Room B176

Monday, Nov. 23, 9 am-12 pm Mental Health Issues: International Students at Queen's and Queen's Students Abroad

Participants will gain an understanding of mental health concerns that students on study-abroad programs or international students on campus might experience. The session will also provide information and some basic skills to help participants recognize the signs of mental health issues and respond in an appropriate manner so that students receive the help they need when they need it. Mackintosh-Corry Hall, Room B176

Tuesday, Nov. 24, 9 am-12 pm How to Plan an Event on Campus

Queens Event Services offers a full spectrum of professional event management services on campus. This workshop will provide participants with knowledge of available campus services and practical advice and tips from the experts at Queen's Event Services on how to successfully plan your events. Mackintosh-Corry Hall, Room B176

Tuesday, Nov. 24, 3-4 pm Guest Lecture: Dr. Russell Briggs

Come help us celebrate the International Year of Soil! Russell Briggs, Director, Division of Environmental Science, SUNY - Syracuse will present "Soil - The Biogeochemical Membrane and a Keystone System for Earth." Mackintosh-Corry Hall, Room D214

Wednesday, Nov. 25, 1-3 pm QVEC Module One: Course Overview & Planning for Volunteer Involvement

Learn from Volunteer Relations staff about their implementation of a Vision for Volunteering at Queen's and the work done towards professionalizing the processes and tools that support volunteer involvement with the university. Join us and begin learning how you too can explore a framework for your own volunteer network, and how you can enhance the experience of volunteering among your stakeholders. This is Module One of the Queen's Volunteer Engagement Certificate. Mackintosh-Corry Hall, Room B176

Thursday, Nov. 26, 1-4 pm Employment Equity: Moving Beyond Compliance

The purpose of this introductory workshop is to create awareness of employment equity legislation and the requirements and practical application of the Employment Equity Act and Federal Contractor's Program. Key principles, concepts and the impact of building equitable, inclusive workplaces will be explored through group discussions and participant centered activities. In addition, strategies around best practice approaches for creating an inclusive workplace for members of equity

seeking groups, as well as methods for measuring the success of inclusion strategies will be shared. Mackintosh-Corry Hall, Room B176

Fall Convocation

Ceremony 1:
Tuesday, Nov. 17 10 am, Grant Hall
School of Graduate Studies, School of Business, School of Medicine, School of Nursing, Faculty of Law

Ceremony 2:
Tuesday, Nov. 17, 2:30 pm, Grant Hall
School of Graduate Studies, Faculty of Arts and Science
Honorary Degree Recipient: Nellie Cournoyea, LLD

Ceremony 3:
Tuesday, Nov. 17, 6:30 pm, Grant Hall
School of Graduate Studies, Faculty of Engineering and Applied Science, Faculty of Arts and Science
Honorary Degree Recipient: Richard Battarbee, DSc

Ceremony 4:
Wednesday, Nov. 18, 10 am, Grant Hall
School of Graduate Studies, Faculty of Arts and Science

Ceremony 5:
Wednesday, Nov. 18, 2:30 pm, Grant Hall
School of Graduate Studies, Faculty of Education, Faculty of Arts and Science

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

Insight into the world of surveillance

BY CHRIS ARMES,
COMMUNICATIONS OFFICER

A world leader in the field of surveillance studies, Professor David Lyon (Sociology) has been honoured with the Social Sciences and Humanities Research Council (SSHRC) Insight Award.

The Insight Award, one of five awards under the Impact Awards portfolio, recognizes an individual or team whose research has made significant contribution to knowledge and understanding about people, societies and the world. Additionally, the research must have a demonstrable impact both within the academic community and in the broader public. The award is amongst the highest accolades given annually by SSHRC.

"The research we've conducted has increasingly been team-based,

and this award really recognizes the work of everyone at the Surveillance Studies Centre and the broader team," says Dr. Lyon. "I find it gratifying and very affirming that our work has flourished and is being recognized for its timeliness and relevance to every day life as well as to the field of surveillance studies."

Dr. Lyon, Director of the Surveillance Studies Centre and Queen's Research Chair in Surveillance Studies, was nominated for his work as one of the world's leading thinkers on surveillance and personal data collection.

"Dr. Lyon's research has made tremendous contributions to the field of surveillance studies and has helped to change the way academics, government officials and the public look at personal data," says Dr. Steven Liss, Vice-Princi-

pal (Research). "This national honour from SSHRC is indicative of the impact of Dr. Lyon's research nationally and internationally, and furthers Dr. Lyon's belief that concerns about security and civil liberties belong together."

With the funding from the Impact Award, Dr. Lyon will lead the development of the world's first open-access online course on surveillance. Ideas put forth in the open-access book *Transparent Lives: Surveillance in Canada/Vivre à nu: la surveillance au Canada*, and accompanying website, will be converted into a free, online course for the public. This course will show how key surveillance trends produce outcomes that require care in the handling of personal data, drawing attention to the need for privacy, fairness and justice.



Alice Aiken (School of Rehabilitation Therapy), Director, Canadian Institute for Military & Veteran Health Research (CIMVHR), speaks during the Remembrance Day ceremony. Hundreds of people turned out for the event held at Grant Hall.

athletics and recreation

Gaels take CIS rugby silver; Win OUA soccer title

BY COMMUNICATIONS STAFF

The Cinderella story wasn't to be as the host Queen's Gaels were unable to knock off the second-seeded McMaster Marauders in the final of the CIS Women's Rugby Championship, Sunday, Nov. 8 at Nixon Field.

The OUA champion Marauders claimed their first Monilex Trophy with a 27-3 win over the No. 8 Queen's Gaels in the gold-medal final.

The Gaels had pulled off a pair of upsets just to reach the final.

Despite the loss, Queen's still achieved the best result in program history, surpassing a CIS bronze medal in 2013. Head coach Beth Barz credited the Marauders for their play but was also proud of her group.

"They worked their tails off the whole game, realistically Mc-



Lauren McEwen of the host Queen's Gaels runs with the ball during the final of the CIS Women's Rugby Championship against the McMaster Marauders.

Master had a pick-and-go that we had a hard time stopping even though we certainly worked to do it and had some success at times," she says. "It sure was fun to watch our team this tournament and man they played with a

lot of heart today."

For McMaster it was a return trip to the national final after dropping a 43-34 decision to St. Francis Xavier in last year's title match in Guelph.

WOMEN'S SOCCER

The Queen's women's soccer team defeated the Laurier Golden Hawks 1-0 on a goal from Tara Bartram to win the 2015 OUA Championship.

This was the Gaels first OUA Championship win since 2011. Queen's has won three national championships in team history. Their first was in 1988, followed by back-to-back national championships in 2010 and 2011.

Coming in off of a penalty kick win over the undefeated York Lions in the OUA semifinals, the Gaels kept that momentum rolling into the OUA Championship on Sunday afternoon against the Laurier Golden Hawks. The first half saw both teams playing strong defensively but it was the Gaels attack that came out with most of the pressure as they fired 11 shots towards the goal.

The Gaels finally broke through in the 69th minute when striker Tara Bartram was able to get free on the left side of the 18-yard box striking the ball into the opposite side of the net to give Queen's a crucial 1-0 lead heading into the final 20 minutes of play. The Gaels defence came up strong in the dying minutes as they held the Golden Hawks attacks in check.

"I couldn't be prouder of our team. To emerge as champions from a final four with the quality that was on display this weekend is tremendous," says head coach Dave McDowell. "I thought our team defending throughout the playoffs was fantastic and proved to be the difference for us."

The CIS championship started Thursday, Nov. 12 in Vancouver at the University of British Columbia.

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HRworkshops

Queen's Human Resources offers a variety of individual workshops as well as lunch and learn sessions. A few of the upcoming sessions are highlighted below. Visit queensu.ca/humanresources/apps/training to view the entire learning catalogue and sign up for any of the sessions.

Managing Change Monday, Nov. 30, 9 am-noon, Mackintosh-Corry B176

This workshop will help participants recognize the impact of change on themselves and others. They will learn about the stages of change, the physical and psychological effects of change, and some strategies for dealing with change to ensure a successful transition to the new reality.

An Introduction to the Intercultural Development Inventory (IDI) Wednesday, Dec. 2, 1-4 pm, Mackintosh-Corry B176

The IDI is a tool used to give people an impression of their intercultural competence. Workshop participants will learn about the theory that supports the IDI, and they will be presented with the group's results or IDI profile. They will also learn what the results indicate about the intercultural strengths they pos-

sess as well as the challenges they may face – and how to meet those challenges in a positive way.

Build More Effective Relationships – One Relationship at a Time Thursday, Dec. 3, 9 am-noon, Mackintosh-Corry B176, Lecture Theatre

Participants discover their DiSC styles and learn how their style affects workplace priorities and relationships. Everything DiSC Workplace can be used with everyone in an organization, regardless of title or role, to improve the quality of the workplace. (Department fee: \$50)

Personal Resilience Friday, Dec. 11, 9 am-noon, Mackintosh-Corry B176

Learn how to be more personally resilient in the face of difficulties. In this workshop, participants will learn:

- What resilience is and the benefits of increased resilience.
- How to do more than just bounce back from adversity.
- How to be more aware of your own thinking traps -- and how to get out of them.
- When to apply resilient thinking skills and turn this skill into a life-long habit.

A new vision for volunteering

BY CELIA RUSSELL, SENIOR COMMUNICATIONS OFFICER, HUMAN RESOURCES

A new learning opportunity at Queen's aims to provide practical tools and techniques to those who work with volunteers.

Presented by the Human Resources Department in partnership with Alumni Relations and Annual Giving, the Queen's Volunteer Engagement Certificate (QVEC) program offers residual benefits, says Sarah Indewey, Manager, Volunteer Relations and Reunions in the Office of Advancement.

"Volunteerism is an integral component of the work that we do in Alumni Relations and Annual Giving," she says. "As we strive to improve the way we work with volunteers in our own organization, we hope to share experiences and connect with volunteer managers throughout the university. We think it will be valuable to develop a network of volunteer coordinators with a variety of perspectives to learn from



and support each other."

QVEC has been designed especially for Queen's faculty and staff who work with volunteers, explains Maryanne Wainman, Alumni Officer, Volunteer Relations and Reunions. "This is a wonderful opportunity to gain certification customized to working with Queen's volunteers."

Offered in five modules, the course is a blend of in-class sessions and self-directed learning. Topics include how to develop a framework for your volunteer network and strategies to enhance the volunteer experience.

The partnership came about a year ago when Volunteer Relations staff approached Human Resources with the idea of offering

training in volunteer engagement, which would draw on the expertise of Advancement staff who work with volunteers.

"Since the inception of the Volunteer Relations unit in 2012, we've had the opportunity to engage individually with a number of Queen's colleagues about volunteer-related issues, and through this work had the sense that a volunteer engagement certificate program would be in high demand," Ms. Wainman says.

While there are precedents at other institutions, what sets QVEC apart is that the course content is tailored to working with volunteers in the higher-education context, and at Queen's in particular, she says. "While I can't say for sure if it's a first, it's definitely unique," Ms. Wainman says.

To register for QVEC and to learn about other certificate opportunities visit the HR learning catalogue. For more information, visit queensu.ca/qvec and [facebook.com/groups/QueensVEC/eve](https://www.facebook.com/groups/QueensVEC/eve) nts.

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:** 2015-305
Job Title: Perinatal Research Associate & Advisor
Department: Obstetrics & Gynecology
Hiring Salary: \$57,160 (Salary Grade 8)
Hours per Week: 35
Appointment Terms: Term Appointment (1 year)
Closing Date: 25-Nov-2015
Apply To: Dr. Graeme Smith, gns@queensu.ca

■ **Competition:** 2015-304
Job Title: Refrigeration Mechanic (CUPE Local 229)
Department: Physical Plant Services
Hourly Rate: 33.40
Hours per Week: 37.5
Appointment Terms: Continuing Appointment
Closing Date: 24-Nov-2015

■ **Competition:** 2015-303
Job Title: Administrative and Financial Assistant (USW, Local 2010)
Department: Department of Anesthesiology and Perioperative Medicine
Hiring Salary: \$50,405 (Salary Grade 7)
Hours per Week: 35
Appointment Terms: Continuing appointment
Closing Date: 24-Nov-2015

■ **Competition:** 2015-300
Job Title: Records Manager
Department: University Secretariat

and Legal Counsel
Hiring Salary: \$60,770 (Salary Grade 9)
Hours per Week: 35
Appointment Terms: Continuing Appointment
Closing Date: 22-Nov-2015

Successful Candidates

■ **Job Title:** Box Office Coordinator (USW Local 2010)
Department: Isabel Bader Centre for the Performing Arts
Competition: 2015-170
Successful Candidate: Douglas Ottey

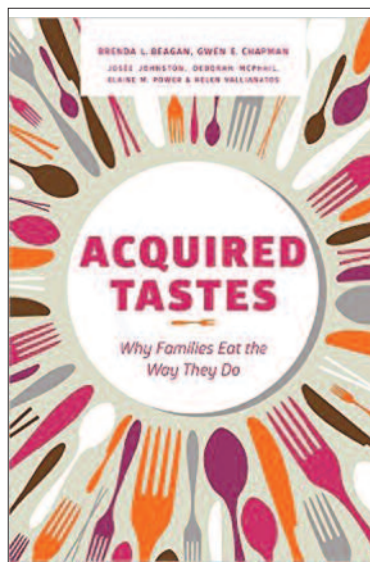
■ **Job Title:** Business Analyst (USW Local 2010)
Department: Information Technology Services
Competition: 2015-108
Successful Candidate: Katie Leger (Stauffer Library)

books

Acquired Tastes: Why Families Eat the Way They Do co-authored by Elaine M. Power, associate professor in the School of Kinesiology and Health Studies at Queen's with Brenda L. Beagan – Dalhousie University, Gwen E. Chapman – University of British Columbia, José Johnston – University of Toronto, Deborah McPhail – University of Manitoba and Helen Valianatos – University of Alberta

Magazine articles, news items, and self-improvement books tell us that our daily food choices – whether we opt for steak or vegetarian, takeout or homemade, a TV dinner or a sit-down meal – serve as bold statements about who we are as individuals. *Acquired Tastes* makes the case that our food habits say more about where we come from and who we would like to be.

Eating preferences and habits never solely reflect personal tastes. Drawing on interviews with parents and teens from more than 100 families in urban and rural Canada, Brenda Beagan, Elaine Power and colleagues show that age, gender, social class, ethnicity, health concerns, food availability, and political and moral concerns shape the meanings that families attach to food and their self-identi-



ties. These variables also influence how family members respond to social discourses on health, beauty, and the environment.

The intimate portraits of family eating habits that grace this book challenge existing beliefs about who determines what families eat (teens or adults), the role of cosmopolitanism in high- and low-income households, and the role that fat anxiety plays among teenage boys and girls. By doing so, they cast doubt on the assumptions that underlie many public health campaigns.

fittips

Rake away to good health

Along with the rainbow of autumn colours comes a lot of yard work, at least raking is good exercise. Doing it yourself is a great way to 'Get Your 150': Here are some safety tips for raking leaves.

• You can burn nearly 300 calories during an hour of raking so make sure to warm-up! Don't forget to stretch your shoulders, neck, and back. Side bends and knee-to-chest lifts help loosen you up prepare for the

raking, bending, and lifting you'll do.

• Stand upright and rake leaves to the side of you, changing side and hand grip every so often. When picking up leaves remember to bend at the knees – not the waist. Never twist to toss leaves.

• Take a rake break! Remember to rest for 10 to 15 minutes and stay hydrated. If you feel stiff, stretch to release tension.

throughthelens



Getting a close-up look at Queen's

Fall Preview is an event designed specifically to help prospective students and their parents gather information that will assist them in making a decision whether or not Queen's is the right fit for their university education. Visitors are able to speak to academic and admission advisors, attend information sessions on scholarships and bursaries and to speak to current students in the programs they are interested in. Participants also can take a tour of campus, residence and the athletic facilities. The first event was held Saturday, Nov. 7 and another is scheduled for Saturday, Nov. 21.



UNIVERSITY COMMUNICATIONS/BERNARD CLARK



Financial skills focus of new online program

BY ANDREW CARROLL, GAZETTE EDITOR

A new online certificate program is aimed at providing staff and faculty at Queen's the financial skills they need to succeed at their job.

As Heather Woermke, Controller at Financial Services, explains, with Queen's being a decentralized organization many staff members have finance as a portion of their responsibilities. At the same time formal financial training, in many cases, isn't there.

The newly-introduced Financial Services Certificate is aimed at filling that gap.

"When you come into an institution like Queen's, it's very challenging and a little bit daunting to

understand all the different policies, all the different steps people have to go through for any number of activities," Ms. Woermke says, adding that the process started about four years ago by consulting business officers across the campus. "We knew that Financial Services needed to do a better job of training, so we asked 'If we're going to train people, what are the topics you would want us to tell them about?' So we solicited input on the top 10 or 15 things that they thought people in their respective faculties and business units should know to help them do their job successfully."

Through feedback it was determined that members of the Queen's community wanted a program "that was available to peo-

ple anytime, anywhere." By providing the certificate program online, rather than in a traditional classroom setting, Financial Services is able to meet that need and allow participants to proceed at their own pace.

The certificate program consists of 27 core and two elective sessions aimed at showing how the financial activities performed by each participant and their department fit in to the broader university processes.

The final piece to the program was creating the actual knowledge tests to ensure that participants are able to demonstrate that they have learned what they need to learn.

The certificate has been close to four years in the making, Ms. Woermke says, from content identifi-

cation to course development to finally coming up with a structure of the fundamentals that people should really know if they are doing finance work at Queen's.

"It's a toolkit to give them a baseline of information to help them be successful," she says. "That's really how the need for this was identified, out in the various units. So this is one mechanism that we can use to reach a wide variety of people at their convenience."

Response to the program has been positive.

"The Financial Services Certificate highlights the importance of financial knowledge in our daily activities. The series of online tutorials will increase the understanding of the basics surround-

ing financial activities at Queen's," says Ginette Denford, Director, Finance and Staffing, Division of Student Affairs. "At the end of the day, students enroll in courses to learn knowledge and build confidence that will help them get ahead — get a better job or get a promotion. This certificate program is a great first step in that direction."

The project has been a collaborative effort involving members of Financial Services, Strategic Procurement Services and Internal Audit along with the Moodle Team and IT Services.

For more information about the Financial Services Certificate program, visit the Financial Services website (queensu.ca/financialservices/).