Queen's Alumni attend Copenhagen climate conference

Two young Queen's Alumni will be in Copenhagen Dec. 7 – 18 on behalf of Canada, as the world's leaders convene to negotiate a climate change policy to replace the Kyoto Protocol.

Maryam Adrangi (ArtSci'07) and Thea Whitman (ArtSci'08) are among the 30 members of the Canadian Youth Delegation attending the United Nations Framework Convention on Climate Change, where the US will be discussing the future of the Kyoto Protocol and negotiating a legally binding climate agreement.

“We are honored to have been selected to join the team of young Canadians who will deliver a message of urgency and hope – the climate crisis is happening but there is also an opportunity for massive positive change,” says Ms Adrangi. “It is crucial that young people attend the conference,” adds Ms Whitman. “It is our future that is on the negotiating table. We need to ensure that our government stands taking leadership on climate change. Canada must be ready to bring science-based greenhouse gas reduction targets to the table and come to an agreement that safeguards all people while supporting the nations most vulnerable to climate change.”

New policy on disclosure of students' personal info

A new Queen's policy provides guidance for faculty and staff on disclosing personal student information when there are concerns about a student's personal health or safety, or the safety of others.

The policy, which complies with the Freedom of Information and Protection of Privacy Act (FIPPA), outlines a process for disclosing personal student information to the university’s Counseling Service when behaviour is clearly out of character for the student or appears unusual. This would include difficulty controlling emotions, explicit mention of suicide or evidence suggesting a significant health problem.

If a student explicitly mentions a plan or a wish to hurt someone else, this information should be disclosed to the university’s Emergency Report Centre.

A pamphlet to assist faculty and staff in identifying signs of distress in students is available from the Health Counselling and Disability Services Department. A PDF file on “How you can identify and help students in distress: some suggestions for faculty and staff” is available at www.queensu.ca/hcds. Click on “Students in Distress – advice for faculty and staff”.

The full policy on emergency disclosure of students' personal information is at www.queensu.ca/privacy/privacy-policy-disclosure.html
Things you need to know for Nov. 30 finance transition

On Nov. 30, Queen’s will make the transition to a new finance administration system. There are a number of key points that users, account holders and researchers will want to know as they start to use the new system in December.

These may include how to:
- access the system
- change passwords
- find forms and training materials
- look up new account codes
- find links to more information
- update new report forms
- find the number to call for support if and when you hit a bump along the way.

For a succinct summary and directory of core support material for the initial finance transition, please go to www.queens.ca/qaar/training/supportguide.html

Check www.queensu.ca/financialservices for updated business processes and policies that are currently being updated.

Principal’s financial update

Principal Daniel Woolf will update the community on the university’s financial situation at 3:00 pm on Thursday, Nov. 26 in 202 Robert Sutherland. The event will be video streamed to West Campus.

Check the online events calendar for more details. After the update, there will be an opportunity for Q&A prior to the beginning of the regularly scheduled meeting of Senate at 3:30 pm. Anyone with particular accessibility-related requirements who wishes to attend is encouraged to email principal@queensu.ca.

Accessibility training

More than 140 deans, directors and department heads have participated in training on accessible customer service as the university moves towards full compliance with the Ontario’s accessibility legislation. “The response so far has been very positive and the commitment to compliance is growing steadily,” says Accessibility Coordinator Jeanette Parsons.

The training is part of the Ontario government’s new customer service standard, which regulates that everyone interacting with the public on behalf of the university must be trained in accessible customer service for persons with disabilities.

Queen’s is unique among many Ontario universities in that all deans, directors and department heads will receive in-person training. An online training program for faculty and staff, developed at Queen’s, will be used by all Ontario universities. It will be launched in the near future.

More information is available on the Equity Office website at equityoffice.queensu.ca.

Queen's prof receives gift of life from unlikely source

At a certain point in his two-year search for a liver donor, doctors described Queen’s researcher Christopher Mueller as “unlucky.” Diagnosed in his teens with an unknown liver disease and later with primary sclerosing cholangitis (a progressive disease that damages and blocks bile ducts in the liver), Dr. Mueller knew a decade ago that he would require a transplant within 10 years. By 2007 a transplant was urgent, but despite a search among family and friends, no donor was found.

“My stomach was in knots when no one came forward,” says Ms Edmunds. “I never doubted my decision. The risks of infection and complications were well worth the reward.”

She immediately contacted Ms Milne and applied to become a donor. Despite a few hurdles, she was identified as a viable match, and in August, Ms Edmonds donated 70 per cent of her liver to Dr. Mueller. Both recovered well and Dr. Mueller, who recently received a clean bill of health, expects to be back in the classroom and the lab by winter semester.

Mueller continues to marvel at the sacrifice that a perfect stranger made on his behalf. “Besides my obvious relief and profound gratefulness, the thing I feel most about Sherrie's donation is a sense of wonder. It's such an extraordinary thing to do.”

“It’s left me with such a sense of joy,” says Ms Edmonds of her experience as a donor. “It's hard to describe; I just feel so lucky and like I'm right where I'm supposed to be.”

Queen’s cancer researcher and transplant recipient Christopher Mueller (left) with donor Sherrie Edmunds (middle) and Mueller’s wife Sally Milne (right).

IN THE NEWS
Boadway is the Sir Edward Peacock professor, Viswanathan the 2009 Bora Laskin Award for his contributions to Canadian labour law.

Robin Boadway, Emeritus of Political Studies, recently traveled to Nepal to provide advice to the framers of the country’s new constitution. Dr. Milnes has been affected by absenteeism but don’t need to see a doctor. University operations have not been affected by absenteeism among faculty or staff.

Most people who get this flu are sick for up to a week, but don’t need to see a doctor. University operations have not been affected by absenteeism among faculty or staff.

We will continue to monitor reported illness rates among students, faculty and staff,” says Mr. Langham.

People who get sick have been encouraged to stay home until they feel better. Students should contact their instructors about making up missed assignments and classes, and employers should contact their supervisor.

It’s still important to do everything you can to avoid getting and spreading the flu,” says Dr. Billing. “People should continue to wash their hands frequently, use hand sanitizer if soap and water aren’t readily available, and cough and sneeze into your sleeve.”

For more information, including when to seek medical attention, visit www.queensu.ca/covid19.

Flu update

The incidence of H1N1 on campus and in the local community is on the decline.

“Kingston was among the first areas to get hit, so it makes sense that we are among the first to note a trend downward,” says Suzanne Billing, Director of Student Health Services. “We hope this continues.”

After postponing H1N1 vaccination clinics due to a lack of vaccine, the local public health unit is now offering the shot to all residents.

“We are working with public health to organize the distribution of the vaccine on campus,” says Dan Langham, Director of Environmental Health and Safety.

Most people who are getting this flu are sick for up to a week, but don’t need to see a doctor. University operations have not been affected by absenteeism among faculty or staff.

By STEPHEN TAKYI

November 23, 2009

IN THE NEWS

Queen’s Gazette

Page 3

IN BRIEF

Nov 23rd TAG DAY

Celebrating the tradition of generosity that surrounds you . . .

This item is here for you, through the generosity of Queen’s Alumni and Friends of Queen’s.

Thank you.

CONTINUING THE TRADITION!

www.Classof2010.ca • Graduating Class Gift

Class of 2010 – let’s make it happen!

How will we leave our mark?

Class of 2010 – let’s make it happen!

How will we leave our mark?
University Roundup

Unfriend that intexticated driver

The New Oxford American Dictionary has made its biggest announc-
unciation of the year: its 2009 word of the year is “unfriend.” A verb,
unfriend means removing someone as a friend on a social net-
working site such as Facebook. Christine Lindberg of Oxford’s US
dictionary says the word has both currency and potential
longevity. “In the online social networking context, its meaning is un-
friendliness, which is such a prevalent bad turn of phrase makes it an
interesting choice.” Other new words considered for the honour
include inter-surfing, an act of surfing on a collaborative vehicle)
furnished (taking advantage of one’s newly un-
employed status to have fun or pursue other interests), death panel
defining the committee led by a medical leader, Dr. Bruno-Jofré leaves
the faculty a very different place than when she arrived. Luckily, she
is not leaving. Dr. Bruno-Jofré will return to Queen’s in July 2010 to con-
tinue her own research and teach undergraduate and graduate courses.
As her tenure as dean draws to a close, the Gazette asked Dr. Bruno-Jofré to reflect on her past 10 years at Queen’s.

What are a few of your major ac-
complishments at Queen’s? When I came in, one of my goals was to achieve financial and a budgetable status
and a crucial one of our strategies was to increase
entrants to the university or higher education in general. Letters must be origi-

We took all the horses

An analysis of the complete DNA sequence of Twilight, a thor-
oughbred mare at Cornell University, was published in the journal
Science recently. The international team of researchers was led by
animal geneticist Claire Wade, previously of Harvard University and the
Institute of Technology, and now at the Univer-
sity of Sydney. The team collaborated over the internet to decode
the three billion letters that make up the average mammal’s
genome. Twilight is only the 10th mammal to be fully sequenced
since the human genome was completed in 2000 and the results were
surprising, said David Adelson of the University of Adelaide, who
took part in the study. While horses may not look much like humans
biologically, Wade said, their genome is even more like our own than
the creation of Unimes goes against a national trend
understood, so its adoption as a modern verb form makes this an in-

University readmits provoking student

“I was the victim...I don’t plan to change the way I am or the way
I dress,” says Geysi Villa Nova Arruda, a Brazilian student whose
racy style of dress sparked protests from other students in October. Arruda,
20, was expelled from the Universidade Bandeirante in Sao Paolo over the past three years and angrily to her attire. The university,
which explained in newspaper advertisements that it had expelled
her on “moral grounds” and for appearing unimportant and unimportant.
Wolfe, the university’s provost in charge of academic affairs, said
has a conservative streak in spite of its racy Carnival festivities. She
denied that she acted provocatively, and plans to complete the acade-
mic year at the school. The Advertiser, Nov. 10

Teaching and Learning with “Clickers”

By JONATHAN ROSE

This sounds too frivolous while “classroom re-
sponsiveness” remains the core of many universities’ curricula.
This was the first thought I had when I contemplated using this new tool in one of my large
first-year political studies classes. I wondered if students would take to it and,
more importantly, would it add anything to their learning? After one class I was
asked, “Why didn’t we use this the same thing used on
"Who Wants to be a Millionaire"?

It turns out that students do like the degree of participation clickers afford them and I don’t yet have data on their contribution to
learning. I do know that we have changed the way I lecture and
improved the atmosphere in the classroom. The development in the room
should respond to a perceived problem and be used to
address the very real lack of inter-
activity in large classes and the in-
herently passive nature of
lecturing.

Clickers are hand-held remotes
used by students in the classroom.
The ones I use have five buttons, A-
E. Students can reply “yes” or “no”
to a question posed by pressing one
of the buttons. Their answers regis-
ter on my laptop and they receive a
signal telling them how their vote
was received. At the end of vot-
ing, which usually lasts less than a minute, I show their
results, but most importantly, I discuss
what they mean.

This is my third month of using
clinkers and I have been struck by the serendipitous moments of
learning they create in the class
– for me as well as the students. Re-
cently I was discussing political cul-
ture with a class. Rather than telling students that the values that the
majority generation were “post-mater-
ialists” I had them answer questions
which powerfully demonstrated
otherwise.

In another class I wanted to show the effect of question design in
survey response. I asked one sec-
tion of my class a question that
framed their choices based on po-
tential gain. In the other section,
the question was framed based on
minimizing loss. The results were
a vivid demonstration of an effect
that can be found in any first book
– but resonated with students be-
cause they created it.

It seems the simple act of voting in this class polishes increases the
students’ stake in the material in ways that would not have been possible had I merely shown them the data. They became a stronger buy-in for the class on concepts and ideas we are dis-
cussing but also a tendency to want to
justify their answers after the vote. For me, this is evidence of
their active engagement with the material.

The use of clickers does come at a cost. There is decreased time
for content because of the discussion after each poll and additional time is
necessary to prepare questions that are meaningful. More funda-
mentally, using clickers takes fac-
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has challenged the way I think of
content and the transmission of
knowledge and alleviated the perpetual problem of engage-
ment in large lectures. For some reasons alone, it has been a great
experiment.

Jonathan Rose teaches in Political Studies.

Viewpoint Policy

The Queen’s Gazette welcomes submissions for Viewpoint from members of the university community. Unless otherwise discussed in advance with the ed-
itor, articles should normally range between 600 and 700 words and should address issues related to the university or higher education in general. Submissions should be in English and not exceed 1,000 words. Please submit yours to gazette@queensu.ca. The Gazette reserves the right to edit or reject any submission that does not comply with policy. Opinions ex-
pressed are those of the writer.

Letters Policy

The Queen’s Gazette welcomes letters to the editor from members of the uni-
versity community and other readers about matters related to content in
this publication or other topics that directly concern Queen’s, the university or higher education in general. Letters must be origi-

South America. The international team of researchers was led by
Wade, and now at the University of Massachusetts Amherst. The spe-
cialist of educational communication and technologies, and
Continuing Teacher Education courses to online and establishing the
Professional Learning Community of the UK. This new sub-
unit, we have created a sustainable way of making good science
known as a leading provider of cut-

ing-edge teacher qualification courses. The faculty noted that there is a need to
training courses for social and educational systems to
pedagogical advancements. And
I wanted to build a solid research structure that would support excellence in teaching and research and learning at
world. Today, our doctoral studen-
ts are members of a unique Group of 15 (faculties of Educa-
tion in Ontario). We have estab-
lished an ‘Educational Research and Enterprise’ (Research and Professorship) total-
ing 54.4 million, and we hold the
UNESCO Chair in Arts and Learning.

What are you most proud of?
A lot has been done in 10 years. I
love the technological infrastruc-
ture, the international visitors pro-
gram and post-doctoral fellowships we’ve funded. I’m also proud of the
Master of Education in Aboriginal and World Indigenous Educational Studies program, which helps stu-
dents with experience in Aboriginal communities develop leadership
skills. I have incredible assistants and excellent associate deans –
LaRoy Whitehead and most re-
cently, Stephen Elliott – with whom I had wonderful working relation-
ships.

I’m most proud, however, of the
incredible team of open-minded and committed people in

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By JONATHAN ROSE

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Physiology professor Neil Magoski is the 2008/2009 recipient of the McIlvan and Mary Basmajian Award. Presented each year by the Faculty of Health Sciences in recognition of outstanding research. The award will be presented on Monday Dec. 7 at 4:30 pm in Botrelle Hall, Room B139. After the presentation, Dr. Magoski will deliver the Basmajian Lecture on “Making the good times last: long-term regulation of neuronal activity.” The recipient of a CIHR New Investigator Award, Dr. Magoski focuses on changes in the biophysical properties of neurons that can occur following brief electrical or chemical stimulation. He came to Queen’s in 2003 from Yale University, where he had worked on the study of neuroendocrine cells, and the striking change in output they display when initiating feeding, drinking and reproduction.

In Brief

Student team wins bronze

Queen’s genetically engineered machine (QGEM) team has received a bronze medal for their innovative work in synthetic biology — a new science that focuses on re-designing and rebuilding natural biological systems synthetically, from the ground up. QGEM explored a new synthetic biology approach for treating atherosclerotic, a disease in which plaque builds up inside the arteries. They aimed to engineer bacteria that could target and deliver drugs to the site of atherosclerotic plaques.

Team members include undergraduate students Parthiv Amin, Mike Freeman and Kate Turner (Biochemical Engineering), James MacLeod (Biology), Bogdan Momci, Bryant Shum and Chin Yan (Life Sciences), Chris Palmer (Engineering Chemistry), Nancy Martin (Microbiology and Immunology), David Lefleur and Wahed Sangrar (Pathology and Molecular Medicine), and Ronald Neufeld (Chemical Engineering).

Computing team 10th out of 700

A team of graduate students representing the School of Computing has placed 10th out of 700, and top amongst all Canadian participants, in an international, on-line computer programming competition.

The IEEE Extreme global challenge involved teams from 40 countries competing to solve a set of programming problems within 24 hours. The Queen’s team included students Mahnoor Ouda and Sharief Otaluy from the School of Computing and Hatem Abbaszadeh from the Department of Electrical and Computer Engineering.

“This was very much a team effort, and we’re all really happy about our achievement,” says Mr. Ouda, a master’s candidate in the Telecommunications Research Lab and former world finalist in the prestigious ACM International Collegiate Programming Contest.

Computing professor Hossam Hassanien provided support to the team and alumnus Dr. Y. Hung Tam acted as proctor during the 24-hour, non-stop contest.

Prof’s paper in Top 10

Philosophy professor Udo Schuklenk’s paper entitled “Two models in global health ethics” was recently listed on the Top Ten download list for the international Social Science Research Network (SSRN). Dr. Schuklenk is Ontario Research Chair in Bioethics.

The paper, co-authored with Christopher Lowry from the Chinese University of Hong Kong, examines two strategies for moral obligations to improve global health: the humanitarian model and the political model. The authors argue that political reasoning is unsuitable for determining who should receive health aid and suggest that “in the context of global health ethics, political reasoning must be supplemented with, if not replaced by, humanitarian reasoning.”

Worms provide clues to target cancer

By JEFF DRAKE

Queen’s biologists have found a link between two genes involved in cancer formation in humans, by examining the genes in worms. The groundbreaking discovery provides a foundation for how tumour-forming genes interact, and may offer a drug target for cancer treatment.

“When cancer hijacks a healthy system, it can create tumours by causing cells to divide when they shouldn’t,” says Professor Ian Chin-Sang, who led the study. “Certain genes control the normal movement and growth of cells, and by studying how these genes interact, we can understand what is abnormal when cancer is present.”

There is an important gene in humans called PTEN that acts as a tumour suppressor. When cancer is present, “PTEN shouldn’t,” says Professor Ian Chin-Sang, “but at a molecular level, they are very similar. In some instances, like the ones we are studying, the cellular mechanisms are so similar that the human genes can replace the worm’s gene.”

The next step is to look at the interaction of these two genes in humans. The findings could lead to exciting breakthroughs in cancer treatment. There is a drug used in the treatment of breast cancer that some women develop a resistance to, adds Dr. Chin-Sang. “Those same women have also lost their PTEN. Perhaps their Eph is overactive, and that has made the PTEN go down. The research on the worm may therefore provide a useful drug target for therapeutic intervention of breast cancer. In fact, this worm is becoming a bit of a scientific celebrity. Studies on this worm have won researchers three Nobel prizes in the last seven years.”

The Biology Department research team includes Sarah Brishin, Jun Liu, Jeff Boudreau, Jimmy Peng and Marie Evangelista. The research was supported by the National Cancer Institute of Canada and Canadian Institutes of Health Research.

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Leading sustainability, environmental and “green” energy research at Queen’s

Alternative energy
Praveen Jain (Electrical and Computer Engineering), head of Energy and Power Electronics Applied Research Laboratory (EPAR) – energy efficiency improvements within electrical energy.

Brant Peppley (Mechanical and Materials Engineering), Canada Research Chair in Fuel Cells – fuel cell technology.

Steve Harrison (Mechanical and Materials Engineering), leads Queen’s Solar Calorimetry Laboratory – designing, analyzing, modeling and improving solar heating systems and components.

Joshua Pearce (Mechanical and Materials Engineering) – renew- able energy engineering.

Byrne Purchase (Policy Studies) – energy policy.

Sustainability research
BIOCAP Canada Foundation – helped lay the groundwork for Canada’s transformation towards a sustainable bioeconomy.

Sustainable Bio-Economy Centre – moving from the current focus on bio-economy in the pulp and paper industry to a bio-economy resources-based economy.

Andrew Pollard (Mechanical and Materials Engineering), director of Queen’s Sustainable Bio-Economy Centre – computational and experimental fluid dynamics.

Kerry Rowe (Civil Engineering) – tunneling, soil reinforcement, geosynthetics and waste management, contaminant containment and safe landfill design.

Green chemistry research
GreenCentre Canada, a National Centre of Excellence for Commercialization and Research, bringing together Canada’s leading green chemistry researchers, industry partners and commercialization professionals to develop cleaner, less energy-intensive solutions for traditional chemical and manufacturing processes.

Philip Jessop (Chemistry) – “green” chemical methods for separating oil and water, or solvents, using carbon dioxide and air.

Neal Scott (Chemistry) – new methods for the environmentally responsible extraction of mineral resources.

Water quality research
Stephen Brown (Chemistry and Environmental Studies) – new methods of environmental analysis, with emphasis on detecting small organic compounds in water samples.

Linda Campbell (Environmental Science) – aquatic systems health, heavy metal contamination, management and remediation, mostly in the Great Lakes.

Gary vanLoon (Chemistry, Environmental Studies) – environmental chemistry, drinking water chemistry, waste water treat- ment, and environmentally benign processes.

Kent Novakowski (Civil Engineering) – creating tools that pro- tect municipal drinking water from its source in the watershed to the taps in people’s homes.

Research projects receive $25 million from Ontario Government

By NANCY DORRANCE
Queen’s researchers involved in 26 projects, ranging from nuclear ma- terials and microelectronics to bone and joint repair, have received more than $25 million in new provincial infrastructure grants.

“We are delighted to receive this very substantial investment in Queen’s many innovative and di- verse research projects,” says Prin- cipal Daniel Wool. “The funding will help ensure that our outstand- ing researchers continue to have competitive, state-of-the-art infra- structure to engage in their leading-edge research and technology development. In turn will bring significant benefits to our local community, to the province and to the country.

Mechanical and Materials Engi- neering professor Richard Holt and his 30-member team receive $7 million to support their study of the behaviour of nuclear reactor core materials in a simulated radiation environment. The program is developing advanced materials for the next generation of nuclear reactors.

Ian McWalter (Canadian Micro- electron Devices Centre, or C-Med), and Richard Oleschuk (Chemistry) lead a team of 300 researchers at Emb- bedded Systems Canada, who are designing microsystems for the information, communication and medical device technologies sectors. CMC Microsystems was launched in 1984 at Queen’s as a collaboration among universities, NSEX, and the National Research Council of Canada, and industrial partners.

The research group has been awarded $9.2 million.

Professor of Orthopaedic Sur- gery and Mechanical and Materials Engineering David Pichora’s 15- member team at the Human Mo- bility Research Centre receives $7 million to support their research into improving bone and joint tissue reconstruction and regeneration with a combination of biomaterials, bio-engineering, computing and imaging approaches. Their work will enhance mobility in people with musculoskeletal disorders.

Other Queen’s researchers re- ceiving ORF infrastructure grants are: Gunnar Blomh, Physiology (Computing ($200,000); Christo- pher Booth, Oncology ($80,000); Christopher Rowe, Psychology; Psychiatry ($75,000); John Car- bedia, Electronic Engineering; and Chemical Engineering ($180,000); John Car- bledge and David Plant, Electrical Engineering ($300,000); Anna Ellis, Allergy, Respiratory and Environmental Medicine ($200,000); Yves Fillion, Civil Engineering ($150,000); Lauren Flynn, Chemical Engineering ($100,000); Gregory Jerkiewicz, Chemistry ($200,000); Philip Jessop, Chem- istry ($270,000); Zongchao Jia, Biochemistry ($46,000); Kurt Kys- ter, Geological Sciences and Geo- logical Engineering ($2 million); Amy Latimer, Kinesiology and Health Studies ($95,000) Paul Martin, Biology ($120,000); William Nelse, Biology, ($150,000); John Peacey, Robert M. Buchan Depart- ment of Mining ($100,000); Joshua Pearce, Mechanical and Materials Engineering ($200,000); Elaine Petrof, Infectious Diseases, Micro- biology and Immunology ($200,000); Pyke, Biomedical Engineering and Health Studies ($80,000); Kevin Robbie, Physics ($1.4 million); and Kim Woodward, Chemical Engineering ($125,000).

As part of Ontario’s Innovation Agenda, the Ontario Research Fund grants will support 46 projects in- volving nearly 542 scientists and researchers at 13 institutions across the province.

Study linking health and education wins international award

TEENS’ MENTAL HEALTH AFFECTS HOW LONG THEY STAY IN SCHOOL, NEW STUDY SHOWS

By NANCY DORRANCE
Research at Queen’s has won a prestigious international award in recognition of his contributions to health economics.

A professor in the School of Policy Studies and Department of Economics, Dr. Lehrer shares the RAND Corporation’s Victor R. Fuchs Research Award with Jason Fletcher of Yale University. Their prize-winning paper, recently pub- lished in the journal Journal for Health Economics & Policy, examines the effects of adolescent health on educational outcomes.

“Our study shows that poor mental health in children and teenagers has a large impact on the length of time they will stay in school,” says Dr. Lehrer. “It notes how a large number of school-based programs have recently been intro- duced to prevent childhood obesity through lifestyle changes, but sug- gests that net should be cast much more widely. ‘It’s important for policy- makers to target health conditions that are not the easiest to identify – like inattention – but may have larger impacts on one’s future.’

The findings provide strong evi- dence that a combination of Attention Deficit Hyperactivity Dis- order (ADHD) in childhood and de- tained in adolescence is linked to the number of years of com- plete schooling. Dr. Lehrer points to this to potentially large ben- efits from childhood and adoles- cent health interventions that have not yet been identified. ‘We focus on the link between ADHD and ed- ucation because unraveling the mechanisms linking the two will have important implications for policy design.”

In their study, the team intro- duces a new research design that calls a “genetic lottery” identifica- tion strategy, based on the fact that, at conception there are differences in genetic inheritance among sib- lings. “While our paper uses this re- search design to estimate the relationship between health and education outcomes, we believe this identification has much wider applicability in a number of critical areas in both social science and health services research,” says Dr. Lehrer.

“Unraveling [these links] will have important implications for policy design.”

Presented annually by the RAND Corporation, the Fuchs Award is given to the research paper with the potential to spawn new research in health economics or health policy.

COURTESY OF STEVEN LEHRER

Among recipients of recent ORF infrastructure funding are Mechanical and Materials Engineering professor Richard Holt and Chemistry professor Richard Oleschuk.

From Ontario Government
By NANCY DORRANCE

Queen's is moving towards becoming a sustainability leader among Canadian universities through the combined efforts of students, faculty, staff and administration.

Working with other Ontario universities and its own Sustainability Office, Queen's is exploring ways to set benchmarks and meaningful measures to track our sustainability progress – including facility infrastructure, procurement activities, education and research and reduction of greenhouse gas (GHG) emissions. This year the Council of Ontario Universities will focus on a holistic approach to creating a sustainability solution for Marking University Day, on November 20.

A newly formed Queen’s advisory group composed of faculty members, students and academic staff is in existence to provide insight and advice on the university’s sustainability vision, to include specific targets, measures and time frames. The group (the Queen’s Sustainability Advisory committee (QSAC)). Among Queen’s students are actively engaged in dialogue regarding sustainability, leadership and student influence on the sustainability debate.

Queen’s Backing Action on Climate Change (QBACC), a student-run environmental-activist group, is also concerned with developing and implementing more sustainable policies on campus. One of QBACC’s goals is for Queen’s to sign a third-party climate change commitment document committing the university to setting and meeting greenhouse gas emission targets and incorporating the issue of climate change and sustainability into the curriculum for every student.

Queen’s is the first Canadian university to install industrial-size composters capable of managing most of the organic waste produced on the campus.

These composters will allow us to divert 95 per cent of the organic food waste on campus from landfill, says Phil Sparks, Sodexo’s Resident District Manager of Food Services. The composters reduce four metric tonnes of organic waste a week, so the composters will have a major impact on reducing our carbon footprint.

A year ago, a 100kg composter was installed in Leonhard Hall as a pilot project. It reduced the weight of organic waste by 85 per cent in 18 hours, turning it into a soil supplement that’s being used on campus.

Since then, two new composters were put in to replace the test plot – one in Leonhard Hall, the other in Arts South. The machines can compost 350kg each day, and the ability to finish the compost in 24 hours. The massive machines costing $100,000 each were donated to Queen’s by Sodexo.

The composters are part of a two-year pilot project aimed at reducing and recycling the university’s organic waste. Purposely purchasing composters that can’t handle all the organic waste produced provides an opportunity to educate the campus community about food waste.

“We purchased equipment that can handle a significant portion of our organic waste, but not all,” adds Mr. Sparks.

“Now that we have that, we are launching an education program to help students recover waste they’re producing so they can reduce it. Just because something can be recycled doesn’t mean we should use more,” says Bruce Griffths, Director of Housing and Hospitality Services.

“Some campuses are simply moving trays from the dining halls so you have to take less food,” he says. “We’re not interested in forcing choices on our students. We want them to have the power to make their own decisions and we want them to take the knowledge we give them with them when they leave the campus community.”

By NANCY DORRANCE

Student plan targets generating machine consumption, emissions

In the spirit of properly Elderbe Scofie, the fictional american from Dickens’ A Christmas Carol, the second-year Commerce student Trevor Shah “trig- gers” a motion sensor above a vending machine equipped with a vending miser device in Mackintosh-Corry Hall. Shah, Associate-Principal in Vice-Principal (Facilities). “While the recognition is welcome, what really matters is inwards,” Shah says, “the process of recognizing the changes in the scenes that considers current impacts as well as future ones. The result is a highly functional, effi- cient and sustainable building. This is simply the smart and right thing to do.”

The Queen’s Centre uses 29 per cent less energy and more than 30 per cent less water than a standard commercial building. Contributing features include:

- A heat recovery system that pre- heating incoming outdoor air with
- Premium efficiency standards for motors with power ratings over 0.75 kW
- CO2 monitors and variable speed drives on fan units that help control and reduce the run times and
- High-efficiency lamps and occu- pancy controls to reduce overall consumption from lighting systems
- Faucets, showers and urinals with flush rates that are lower than the Ontario Building Code
- Electronic low-flow toilet system
- In addition, more than 75 per cent of waste material from demon- cation and construction was diverted from landfill into reuse and recycling streams. The stone exter- nals of the old Jock Harry Arena, for example, was recovered and used on the facade of the Queen’s Cen- tre, contributing to the building’s overall composition of recycled material.

Commitment to sustainable building includes a comprehensive green cleaning program that will increase the quality of the indoor environment using high- end ecologically-friendly cleaning products endorsed by Green Seal and Ecolog. These products generate less toxic pollution and waste and conserve resources and habi- tats.

The green cleaning program benefits the custodians, building occupants and the environment. LEED® is a standardized certifi- cation system that promotes sus- tainable building design and construction contributing to overall efficiency and reduced environ- mental impact. It has been available in Canada through the Canadian Green Building Council (CaGBC) since 2004.
IN BRIEF

Fudan-Queen’s Centre opens

The Fudan-Queen’s Centre for En- vironment and Sustainability Re- search opened this month at Fudan University in Shanghai, China. The centre allows Queen’s professors to work in collaboration with col- leagues in China, helping to Chinese address environmental challenges in a sustainable fashion.

“For our partners, we hope to help move China along a more sus- tainable path,” says Urban and Re- gional Planning professor John Melgrana.

The centre brings together ex- pert researchers from both univer- sities and other institutions. It provides research and educational opportunities for graduate and under- graduate students, and potential for hosting conferences and work- shops related to environment and sustainability research.

MyFarm growing into a sustainable classroom

By ANDREW LAMBERT

One person’s trash is another’s treasure. A timeless and perhaps overlooked expression, but one that Queen’s is adhering to for its Furni- ture Reuse Program (FRP).

The program is designed to help manage furniture on campus in a more socially and environmentally conscious manner.

“Items are donated unused to other depart- ments and local charities,” says Llynwen Osborne, the Waste Management Coordinator. “Items are then delivered at the department’s storage.”

The FRP has outlived its regular cleaning products may be potentially harmful to cleaning staff and students, says Sustain- ability Coordinator, Reg Pearce. “When green cleaning products are used, they have improved dramatically in recent years. Some of the newer products are less harmful chemicals and more efficient. This means they are effective and safe to use.”

Since June, more than 50 items have been redistributed across departments and more than 130 items to local charities including Limestone District School Board’s non-profit program, Enviroworks and the Ontario March of Dimes.

In addition to reducing waste, the program has a hugely positive impact on the commu- nity. “It’s a program that’s very dear to my heart,” he adds. “We have enough land in this country to feed the world but we’re just not using it effectively. It’s exciting to see all these plans in motion on the farm.”

MyFarm, in partnership with the Fudan-Queen’s Centre for En- vironment and Sustainability Re- search, is using its resources to help move China along a more sustain- able path. MyFarm, a program that started in 2009, is focused on sustainable agriculture and food production.

“The changes in this industry are never-ending,” says Mr. Ball. “As tools and products continue to improve, we will be better able to keep the campus clean while pre- serving our environment.”

Furniture Reuse Program new solution to an old problem

By OLIVIA ROBINSON

Queen’s is adhering to for its Furni- ture Reuse Program (FRP).

The program is designed to help manage furniture on campus in a more socially and environmentally conscious manner.

“Our furniture program has a hugely positive impact on the community,” says Ms. Osborne. “In the last five months, over 47 tonnes of furn- iture have been saved from land-fills and extended their life in the workspaces of local individuals.”

And if diverting waste from landfills isn’t enough, as Shelley Aylesworth-Spinks at the School of Graduate Studies explains, “They also make our office look more profes- sional and organized.”

Currently, requests for furniture removal can be processed through Fixit.

Requests for furniture reuse can be emailed to lsao@queensu.ca

Environmental cleaning initiative adopted on campus

By ANDREW LAMBERT

Queen’s is cleaner – and greener – thanks to a new environmental cleaning initiative adopted on cam- pus.

The university uses a variety of green cleaning products from dif- ferent companies. Some of these products, like Ranger and Sumeq, are made without harsh chemicals such as chlorine and bleach and contain 100 per cent recyclable materials and 88 per cent post-consumer materials. The plastic garlic bags used are biodegradable; making them environmentally friendly as well.

When green cleaning products first came on the market, they were really expensive and not an effec- tive cleaning alternative,” says Mr. Ball.

“They have improved dramati- cally and now, in most cases, work just as well as other products.”

Unlike traditional cleaning products, these green products are multi-purpose. Different concen- trations of the same solution can be used to clean various surfaces, which is a cost-cutting ad-
Experts comment on Remembrance Day, the monarchy, surveillance and access to kidney transplants

**QUEEN’S IN THE NEWS**

Highlights of Queen’s experts in the media

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<td>David Murakami Wood (Sociology) – Government bodies and covert surveillance, in the UK Guardian.</td>
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<td>Scott Carson (Geological Sciences and Geological Engineering) – Living creatures grow spurs throughout Earth’s history, in the Sydney, Australia Morning Herald.</td>
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<td>Sidney Eve Matrix (Film and Television) – Developing MP3 player software, in the Daily Telegraph, Cape Breton Post, Fredericton Daily Gleaner and Owen Sound Sun Times.</td>
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<td>Karen Yeates (Nephrology) – Aboriginals’ access to kidney transplants, also in the Vancouver Sun, Edmonton Journal, Ottawa Citizen, Calgary Herald, Regina Leader-Post and Nanaimo Daily News.</td>
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<td>Allon English (History) – The growing interest in Remembrance Day.</td>
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<td>Douglas Bland (Policy Studies) – Canada’s military involvement in Afghanistan, who is the Canadian soldier of the 21st century; comparing the war in Afghanistan to the war in Iraq, in the St. John’s Telegram, Cape Breton Post, Fredericton Daily Gleaner and Owen Sound Sun Times.</td>
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<td>Toronto Star</td>
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<td>Jonathan Rose (Political Studies) – The government’s Economic Action Plan advertising, how H1N1-related deaths changed public perception of the flu, in the Ottawa Citizen.</td>
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<td>Douglas Reid (Business) – The Toronto Port Authority board minutes; also habits of recession-era employees, in regional papers including the Montreal Gazette, Ottawa Citizen, Toronto Sun, Windsor Star, Vancouver Sun, Regina Leader-Post, Edmonton Province, and London Free Press.</td>
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<td>Liza Leadou (Residences) – Binge drinking at university.</td>
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<td>Arthur Milnes (Centre for the Study of Democracy) – Human rights in Russia; also child sex-trafficking in Cambodia, in the Toronto Star.</td>
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<td>Kim Richard Nossal (Political Studies) – The federal government’s role in university education.</td>
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<td>Nick Bala (Law) – Analysis of Canadian youth crime laws, also in the Calgary Herald.</td>
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<td>Don Stuart (Business) – Quebec-based advertising agency Cossette Inc. after being sold to a U.S. private investment firm.</td>
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<td>Toronto Star (English) – History of the chip truck.</td>
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<td>Tony Loughlin (Classics) – The An- tikythera mechanism, on CBC Radio’s Quirks and Quarks.</td>
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<td>Peter Ford (Medicine) – Hepatitis C on the rise in federal prisons, on CBC.ca.</td>
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<td>Annette Burfoot (Sociology) – The history of masculinity, on CBC Radio’s Quirks and Quarks.</td>
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<td>Brandon Sun (English) – History of the chip truck.</td>
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<td>Correction: The photo for Laura Murray was incorrect in the Nov. 9 Gazette.</td>
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**NOTICE**

**FOR FACULTY OF HEALTH SCIENCES AND HOSPITAL RESEARCHERS:**

The application deadlines for various sources of Faculty of Health Sciences and Hospital internal funding have been consolidated and shifted to mid-January to avoid conflict with external competitions. The funding sources available are as follows:

1. The Harry Bouterrell Foundation for the Neurological Sciences Fund
2. Garfield Kelly Cardiovascular Research and Development Fund
3. Violet E. Powell Research Fund
4. William M. Spear Endowment Fund/Start Memorial Fund
5. Breast Cancer Action Kingston Research Fund
6. Clare Nelson Bequest Fund
7. Medical Research Endowment Fund

To the extent possible within the terms of reference of the various funds, the application and review processes have been standardized. The following sources of reference for each of the funds are available on the web at:

http://healthsci.queensu.ca/health_sciences/policiesforms

and http://www.kgh.on.ca/research/research_competition.asp

The deadline for the competition is:

Thursday, January 14th, 2010

For further information, please contact the Office of the Vice President, Health Sciences Research, 613-549-6666, ext. 3344 or email: popemj@kgh.kan.net

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**Conference**

**Nov. 17**

Both continue to be active advocates of climate change reform as members of the Canadian Youth Climate Coalition and its Copenhagen delegation.

“Canadians have made it clear that the environment is a top priority,” says Ms. Aandrage. “We are calling on this government to take these signals seriously, and to go to Copenhagen recognizing that fighting climate change requires global cooperation.”

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**November 23, 2009**

Queen’s Gazette

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**IN THE NEWS**

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**LIMESTONE | FINANCIAL**

**Stephanie Milligan**

BA CLU CFP

**“Buy and hold is a very dull strategy. It has only one little advantage – it works, very profitably and very consistently.”**

Frank Armstrong, author of *The Informed Investor*

Since the March lows, North American stock markets are up dramatically with the Dow over 10,000 once more and the TSX up over 11,000. Optimists cite this as evidence of a new bull market; pessimists dismiss it as a bear-market rally. But it doesn’t matter which it is. There will always be another tumultuous time, to rock us to the core, and cause us to fall for every dire headline in the papers.

My advice: Don’t lose twice and seize the opportunity.

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Queen’s Human Rights Initiative Award

Call for proposals: Application deadline: Nov. 30. This annual award recognizes outstanding initia-
tives contributing to the advance-
ment of equality and human rights at Queen’s. Information: 613-533- 6886 or hri@post.queensu.ca

Queen’s University Chairs in Teaching and Learning

Nominations are invited for the Queen’s University Chairs in Teach-
ing and Learning. Chairs receive a three-year, non-renewable appoint-
ment and $20,000 annual discre-
tionary funds to be spent in support of their program. One chair annually works collaboratively with the Centre for Teaching and Learning. Deadline: Nov. 30. www.queensu.ca/ctl/scholarship/chairs

Teaching and Learning Enhancement Grants

The Centre for Teaching and Learn-
ing (CTL), in partnership with ITSer-
VICES, invites proposals for Teaching and Learning Enhancement Grants, which are intended to encourage and support activities and projects de-

Goverance

Senate Promotion Procedures

Faculty who are not covered by the provisions of a Collective Agreement or the Statement on Promotion Policy for Geographically Full-Time and Adjunct-1 (non-Bargaining Unit) Appointees of the Faculty of Health Sciences (September 2004) may be eligible to apply for promotion ac-
cording to the Senate Statement on Promotion Policy (revised June 1994). Applications must be made before Nov. 30. The document is available online at www.queensu.ca/secretariat/senate/policies/promotion/promotion.html or from the University Secretary, 153 Richardson, 613-533-6095.

Human Resources

December holiday closing

National university operations for most (but not all) departments will close at noon on Thursday, Dec. 24. Regular university operations resume on Monday, Jan. 4.

December dates to remember

Tuesday, Dec. 8
Deadline for changes to the Decem-
ber monthly payroll. This includes salary requirements for monthly paid employees.

Thursday, Dec. 10
Salary advice statements for monthly paid employees will be mailed.

Friday, Dec. 18
Deadline for emergency salary ad-
vances for monthly paid employees. Please contact 533-2070 or your Compensation Assistant.

Wednesday, Dec. 23
Final 2009 pay-date for casual and bi-weekly paid employees.

Thursday, Dec. 31
Pay for the final pay-period for monthly paid employees.

Milestones

If you have a milestone of 5, 10, 15, 20, 25, 30, 35, 40 years or more of continuous service coming up and you do NOT wish your name to be in the listing, please con-
tact Faye Baudoux in Human Re-

sources at 77791.

Congratulations to those who reached the following milestones in November 2009:

- 35 years: John Martin, ITS; Dennis Cardinal, PPS; Stephen Kincaid, Custodial Services; Pamela Livingston, Biochemistry; Robert Loftus, PPS.
- 28 years: Derek Cole, Residence; Mike Condra, Health, Counselling and Disability Services; Valerie Janos, School of Policy Studies; Richard Kash, PPS; Kevin McKegney, Faculty of Health Sciences; Barbara Mundell, Career Services; Charles Vetere, Health, Counselling and Disability Services.
- 20 years: Susan Cockram, Bracken Science Library; Mike Finn, PPS; Joanne Grills, Faculty of Applied Health Sciences Library; Mike Finn.
- 15 years: Lee Atkinson, Drama; John Lussey, ITS; Angela Malby, School of Kinesiology and Health Studies; Alan Sedor, School of Business; Santanu Banerjee, Political Studies.
- 10 years: Timothy Blackwell, School of Business; Scott Broomhour, ITS; Diane Caverly, Clinical Trials Group; Kevin Dennison, ITS; John Dodds, Mechanical and Materials En-
ingar; Faith Karr, Human Mobil-
ity Research Centre; Carol Kavanagh, Faculty of Arts and Sci-
ence; Anne-Louise, Office of the University Registrar; Karen Topping, School of Environmental Studies; Christopher Zaremba, ITS.
- Five years: Tiffany Bambrik, Athle-
tics and Recreation; Barbara Bohlen, School of Nursing; Rebecca Bone, School of Business; Victoria Donald-
son, School of Nursing; Andrew Dos-
ants, School of Medicine; Djalil Hamza, Electrical and Computer En-
grineering; Pamela Hollywood, Devel-
opment; Diana Tumimillo, School of Business; Angie Tuttle, Pathology and Molecular Medicine.

Employee Assistance Program

For off-campus professional coun-
selling, call toll free, 24 hours a day, seven days a week: 1-800-387-4765 ( alanında) 1-800-361-5676. Details: www.queensu.ca/enp

Notices

Classics Department

In May and June 2010, Barbara Reeser will be traveling an excavation at the Nabataean, Roman, Byzantine, and early Islamic site of Humayma in Jordan. All Queen’s students are wel-
come to apply. Students master ar-
cheological techniques while

learning first-hand about Roman and Middle Eastern history, culture, art, and geography. Students experience the full range of modern Jordanian life while living in a large seaside city and working with Bedouin villagers in the desert. Deadline for applica-
tions: Dec. 5. www.queensu.ca/class-
ics/breeves/index.html

Queen’s Feminist Review

Call for submissions for Vol. 18. Seeking short stories, poetry, artwork and essays to showcase individual talents and thoughts. Deadline: Nov. 30. dfr@uams.queensu.ca

PEC Closure

Finalists for the Physical Edu-
cation Centre close for recreational use as of midnight, Thursday, Nov. 26. To get to www.queensu.ca for a detailed schedule of activities from Nov. 26 to Dec. 1.

Queen’s Centre Parking

The Queen’s Centre underground parking garage will be available for parking effective Jan. 1. Please con-
tact Donna Stover at 77589 to move from the Union St. garage or change your surface parking permit.

Short-Term Parking Update

Short-term pay and display parking is now available in the following lots: Tindall Field surface lot (5 spaces at the north end), Goedes Lot (eight spaces at the south end); Miller Lot (12 spaces across from Campus Book-
store). Parking permits are not valid in these pay and display areas. Rates: $2/hour, 7 am – 5 pm.

Volunteers

Speech perception study

Psychology is looking for men over 65 with first language English and good hearing. The study will take two hours. Compensation: $10 per hour, parking reimbursed. conlal@queensu.ca

For the Record

Submission information

Submissions will be edited to add up to 150 words, and should normally be less than 300 words.

Appointments

Patrick Deane, Vice-President (Acade-
mic) announces the appointment of Jeffrey Brison as Deputy Senior Edi-
tor in the Kingston office of McGill-Queen’s University Press. Dr. Brison is a specialist in Canadian history and has served as chair of under-
graduate studies in the history depart-
ment, where he teaches both gradu-
ate and undergraduate courses. An expert in the study of American philanthropy, his major book is on the Rockefeller Foundation and the Carnegie Corporation’s influence on the arts and letters in Canada.

Awards and Grants

Bonnie Judge Memorial Bursaries

Undergraduate female students en-
nrolled at Queen’s are invited to apply. Pick up applications at the Ban Righ Centre beginning Monday, Nov. 30. Deadline: Monday, Dec. 29, 2010. Contact web @queensu.ca or 613-533-6000, ext. 77785. www.queensu.ca/dsao/ind/banrig.htm

Chancellor A. Charles Baillie Teaching Award

Nominations are invited for the Chancellor A. Charles Baillie Teach-
ing Award, which recognizes under-
graduate or graduate teaching that

has had an outstanding influence on

graduate or graduate teaching that

engaged Award, which recognizes under-
graduates. Nominations are invited for the

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graduate or graduate teaching that

has had an outstanding influence on

graduate or graduate teaching that


Community Service Learning Enhancement Grant Program 2009-10


5th Annual Learning Commons Conference


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Canadian Club of Kingston

Luncheon meeting: noon, Thursday, December 10

“Cap and Trade for Greenhouse Gases: what are the benefits for Kingston?”

Speaker: Dr. Ted Hsu
Executive Director, SWITCH

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Reservations: 613 384-2221 (доб. info 613 330-2704)
www.canadianclubkingston.org

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ON CAMPUS

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Motor

Motor
Early childhood influences and long term outcomes: 14 Dunning Hall, noon. Refreshments follow.

Studies in National and International Democracy (SNID) Tanja Li, University of Toronto. To make live or let die? Rural dispossession and the protection of surplus population. 12:00 Mackintosh-Corry Hall, 1 pm.

Friday, Nov. 27
Music
Student Chamber Ensembles. Contact: 613-533-2066, music@queensu.ca. 120 Hanson-LeCaire, 11:30 am. 2009 Kingston Symphony Association and Milhom Scholarship Winners Recital. 120 Hanson-LeCaire, 12:30 pm.

Visiting artist, Annamaria Popoulos (mezzo soprano) presents a vocal masterclass. 120 Hanson-LeCaire, 2:00 pm.

Music
Queen’s Symphony Orchestra, directed by Gordon Craig. 2009 Concert/aria Queen’s Symphony prize winner Amanda Pulling (tuba). 10 adults, 5 students/seniors, at the door. Grant Hall, 7:30 pm. 613-533-2066, music@queensu.ca. Grant Hall, 7:30 pm.

Thursday, Nov. 26
Music
Queen’s Wind Ensemble, directed by Gordon Craig. 10 adults, 5 students/seniors, at the door. Contact: 613-533-2066, music@queensu.ca. Grant Hall, 7:30 pm.

Policy Studies

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Thursday, Nov. 26
Music
Queen’s Wind Ensemble, directed by Gordon Craig. 10 adults, 5 students/seniors, at the door. Contact: 613-533-2066, music@queensu.ca. Grant Hall, 7:30 pm.

Policy Studies

Studies in National and International Democracy (SNID) Tanja Li, University of Toronto. To make live or let die? Rural dispossession and the protection of surplus population. 12:00 Mackintosh-Corry Hall, 1 pm.

Friday, Nov. 27
Music
Student Chamber Ensembles. Contact: 613-533-2066, music@queensu.ca. 120 Hanson-LeCaire, 11:30 am. 2009 Kingston Symphony Association and Milhom Scholarship Winners Recital. 120 Hanson-LeCaire, 12:30 pm.

Visiting artist, Annamaria Popoulos (mezzo soprano) presents a vocal masterclass. 120 Hanson-LeCaire, 2:00 pm.

Music
Queen’s Symphony Orchestra, directed by Gordon Craig. 2009 Concert/aria Queen’s Symphony prize winner Amanda Pulling (tuba). 10 adults, 5 students/seniors, at the door. Grant Hall, 7:30 pm. 613-533-2066, music@queensu.ca. Grant Hall, 7:30 pm.

Tuesday, Dec. 1
Italian Club
Join us. Level of Italian doesn’t matter. 307 Kingston Hall. 3:30 pm. zac@queensu.ca

Thursday, Dec. 3
Minning
Laeeque Daneshmend, head of Mining Engineering, Kimberley Woodhouse, dean of Applied Science, Daniel Woolf, principal, and Robert M. Buchan, McKe, unravell the Robert M. Buchan Department of Mining. Bramat-Munro Hall, 9:30 am.

Chemistry
N. Mohanakumar, Radiological Safety Division, Kalpakkam, India. Some results in numerical integration. 300 Chernoff Hall, 2 pm.

Friday, Dec. 4
Music
Annual Messiah sing-a-long. Informal gathering of voice and orchestra pays tribute to Handel. Everyone is invited to participate. Foyer, Hanson-LeCaire, 3 pm. 613-533-2066, music@queensu.ca.

Queen’s Pension Plan
Annual General Meeting. All plan members are invited to attend. 14 Dunning Hall. 1:30 pm.

Sunday, Dec. 6
Memorial
20th anniversary of the murders of 14 women at Ecole Polytechnique de Montreal. Memorial service, Wallace Hall, JDC, 6 pm. Candlelight vigil, Wallace Hall to MacDonald Hall, 6:30 pm. Film Polytechnique followed by panel discussion, MacDonald Hall, 7 pm. Contact: Michelle LaMarche, Kingston Interval House, 613-546-3813, ext. 35 or xek@knight.net

Monday, Dec. 7
Centre for Teaching and Learning

Mechanical & Materials
Engineering
Mark Jenny and Patrick Georgougan, University of Canterbury, NZ. IV measurement of fluid flow in the human airway and flexible arteries. 312 McAuliffe Hall, 2:30 pm.

Tuesday, Dec. 8
Centre for Teaching and Learning
Teaching and Learning Symposium offers a variety of sessions. For information and to register: www.queensu.ca/ctl/programs/conferences/ tanli/symposium/2009/index.html

Wednesday, Dec. 9
Centre for Teaching and Learning
Edwin Ralph and Keith Walker, University of Saskatchewan. The art and practice of adaptive mentorship. 8176 Mackintosh-Corry Hall, 9 am.

Monison Centre
Rajiv Sabherwal, Fullbright Scholar 2009-2010, University of Missouri. How common knowledge impacts the effectiveness of knowledge management processes. RSVP to monison@business.queensu.ca or ext. 32350. 411 Goodes Hall, noon.

Saturday, Dec. 12
Easter Seals Volleyball Tournament Looking for co-ed teams of six players, for competitive and recreational divisions. Registration $175 per team, plus pledge fundraising. Ross Gym, Physical Education Centre, 9 am. info@easterseals.ca

Sunday, Dec. 13
Kingston Symphony Orchestra

Ethics in the Classroom
Panel discussion, Macdonald Hall, 7 pm. 613-533-2066, music@queensu.ca. Grant Hall, 7:30 pm.

Greg Runions. $10 adults; $5 students, 10 Stuart St., 4:30 pm.

Getting Outta Town!!
On and off campus events, at the door. Contact: 613-533-2066, music@queensu.ca or ext. 32350. 406 Goodes Hall, 6:30 pm.

Wednesday, Nov. 25
Medical Oncology
Pamela Goodwin, Maria Rici Memo- norial Lectureship. Insulin and breast cancer – A potential therapeutic tar- get? Bm, 100, Cancer Research Insti- tute, 10 Stuart St, 4:30 pm.

Music
Queen’s Jazz Ensemble, directed by Greg Hurians. 10 adults, 5 stu- dents/seniors, at the door. Contact: 613-533-2066, music@queensu.ca. Grant Hall, 7:30 pm.

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Reports to the Senate  
Internal Academic Review Committee (IARC)  
Review Cycle 2007-08  
To all Faculty, Staff and Students,

The Internal Academic Review (IARC) cycle for units under review in 2007-2008 is now complete. The Internal Academic Review Committee (IARC) Reports were approved by Senate on September 24 and October 22, 2009 and can be found on the Senate website at: http://www.queensu.ca/secretariat/senate/IARindex.html.

The units under review in the 2007-2008 cycle are to be recognized and commended for their ongoing efforts to provide an excellent educational experience, especially during this period of fiscal constraint. The IARC acknowledges that the academic units are experiencing strain due to the diminishing availability of resources and encourages units to continue to address these in creative ways.

The following common themes arising from the eleven reviews were noted by the IARC:

- the importance of high quality leadership within Units;
- demonstrated commitment of Staff to "go the extra mile" to meet the needs of students and ensure the viability of their Units;
- the need for succession planning within Units;
- the impact of the increase of graduate enrolment and the introduction of new graduate programs on undergraduate teaching and student experience;
- use of and importance of training for teaching assistants;
- the need for Units to find optimal balance between teaching, research and service commitments for their faculty members.

The Ontario Council of Academic Vice-Presidents (OCAV) continues its work on a new Ontario Quality Assurance Framework which, when implemented, will have a major impact on Queen’s University’s Internal Academic Review process. The new Framework is intended to streamline all quality assurance procedures, bring graduate and undergraduate program approvals and reviews into alignment, and at the same time, make quality assurance for all programs more transparent and accountable. Within the parameters of the Framework, each university will be responsible for designing its own internal quality assurance process that is consistent with its mission statement and degree-level expectations. I will continue to update Senate and the Queen’s community on the development and implementation of the Quality Assurance Framework.

It is with great appreciation that I acknowledge the participation of all members of the Queen’s community in the IARC process, and their continued support of this method for monitoring and enhancing quality in our academic programs. I also wish to recognize the outstanding work of the IARC over the past year who skillfully and generously took on the mammoth task of eleven reviews.

I encourage you to review and discuss the content of the IARC reports with your colleagues.

Patrick Deane  
Vice-Principal (Academic) and  
Chair of the Internal Academic Review Committee