



QUEEN'S GAZETTE

Worms clue to targeting cancer P5

Queen's goes greener P7



QUSA AGREEMENT SIGNED



JEFF DRAKE

Lorna Baxter, Director of Employment and Employee Relations (left) and Spring Forsberg, president of Queen's University Staff Association (QUSA) sign the new Memorandum of Agreement on salaries and benefits for the period July 1, 2009 to June 30, 2010.

New Vice-Principals appointed

QUEEN'S WILL WELCOME TWO NEW VICE-PRINCIPALS IN THE NEW YEAR

Caroline Davis is the new Vice-Principal (Finance and Administration), and Robert Silverman will serve as Vice-Principal (Academic) on an interim basis.

Ms Davis is a Chartered Accountant who has spent more than 30 years in the federal civil service. She is currently Assistant Deputy Minister, Resolution and Individual Affairs at Indian and Northern Affairs Canada (INAC).



Davis

She is also an adjunct professor in the School of Policy Studies.

"Caroline Davis has had a very successful and wide-ranging career in the federal public service," says Principal Daniel Woolf. "She brings excellent people skills, as well as core competencies in critical areas for the university's financial and administrative management."

She starts as V-P on Jan. 4. "I eagerly look forward to working with the Queen's community," says Ms Davis. "My first priority will be getting to know colleagues and team members and obtaining an in-depth understanding of the financial situation."

"I want to thank Acting V-P Bill Bryck, who returned to his alma mater a year ago to lead the financial and operational piece of the university's administration, ably and with great enthusiasm and effectiveness," says Principal Woolf. "His continued contribution to Queen's is much appreciated."

Principal Woolf has also appointed the former dean of the Faculty of Arts and Science, Bob Silverman, as Vice-Principal (Academic) from May 1, 2010 until June 30, 2011. His appointment for the 2010-2011 academic year will provide adequate time to conduct a full search and selection process for a new V-P.



Silverman

Dr. Silverman will succeed Patrick Deane, who will become president of McMaster University next July.

See VICE-PRINCIPALS: Page 9

Green light for finance administrative system change

The university's finance administration system-users are preparing for a major transition to a new system next week - training, working on new forms, learning about the new chart of accounts and changes to the procurement process, and validating systems.

Chair Patrick Legresley and his user acceptance testing team have tested all the new application's modules for general ledger, accounts payable, procurement

and commitment control. They have been working since October to help verify that the new finance system and business processes are built as designed for the university.

"Pretty much everyone involved with the user acceptance testing can see the future benefits," says Mr. Legresley, associate director of Finance with the School of Business. "We expect people will appreciate the information they will be able to get out of the system."

Although only a small percentage of Queen's expenditures are currently processed using purchase orders, he says the power of the new system flows from its requisition capabilities.

"Once we've all had a chance to adjust our work flows, it will be well worth it. Over the next two years, as other components for human resources, student, travel and e-procurement come online, we'll really see the power of the system."

Team member Kim Murphy, Finance and Staffing Officer for the Office of the Associate Vice-Principal and Dean of Student Affairs anticipates the implementation will be different things to different people.

"Some will be thrilled, some frustrated and some will need the support that is available. But after the growing pains of change, once we've become comfortable with the system, I think it will be fantastic. We've got a ways to go, though. It

won't be a seamless transition - we need to work through it together."

From the finance perspective, the university's director of Financial Analysis and Budget, Megan Sheppard says, "The new system will allow us to capture revenues and expenses in a more detailed fashion. For instance, with the new chart of accounts, we can do more analysis of our expenditures, which is a big plus for the university."

See WHAT YOU NEED TO KNOW: Page 2

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 UN 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 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 starts 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."

The two met at Queen's in 2007, when Ms Adrangi, AMS Sustainability Co-ordinator, and Ms Whitman, Deputy Sustainability Coordinator, were working together on environmental advocacy projects and campaigns on campus.

See CONFERENCE: Page 9

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/accessandprivacy/privacy-breach/disclosure.html

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For news updates visit us online @ www.queensu.ca/newscentre	



Queen's is proud to be among Canada's top 100 employers.

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
- use the portal for reports
- 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.queensu.ca/quasr/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 up-

date, there will be an opportunity for Q&As 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

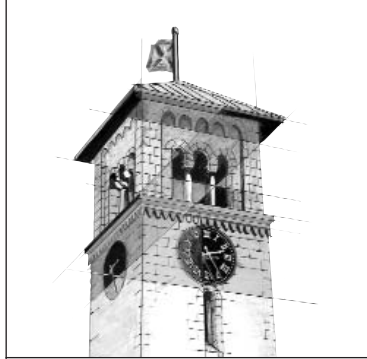
More than 140 deans, directors and department heads have participated in training on accessible customer service as the university moves towards full compliance with the Ontario's accessibility legislation. "The response so far has been very positive and the commitment to compliance is growing steadily," 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 equity@queensu.ca.



QUEEN'S GAZETTE

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Noon editorial deadline: Dec. 18

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Noon editorial deadline: Jan. 15

ADVERTISING POLICY

The Queen's University Gazette is a newspaper published by the University's Department of Marketing and Communications ("Publisher") for the primary purpose of internal communication to its faculty and staff members.

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

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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, and eight screenings, no donor was found.

"Usually a match is made within the first three screenings," says Dr. Mueller, a Biochemistry professor and breast cancer researcher. "I was one of the unlucky ones."

Dr. Mueller was on the national deceased donor transplant list but this meant that he would have to wait until he was critically ill in order to receive his transplant. The living donor team at Toronto General Hospital encouraged Chris and his wife, Sally Milne to reach out to the public.

Ms Milne posted a notice on the

Queen's alumni website. K-Rock radio morning co-host and Queen's alumna Sarah Crosbie (ArtSci'01) saw the notice and invited Ms Milne on the show to help her reach a wider pool of prospective donors. As a result more than 60 people expressed interest - among those strangers was 22-year old Kingston resident, Sherrie Edmunds.

"The first thing I thought when I heard Chris's story was 'how can I help'," 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 Edmunds 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.

No longer considered unlucky, Dr. 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 Edmunds 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."



JEFF DRAKE

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

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Make a Wish for the United Way

By STEPHEN TAKYI

Queen's is getting closer to reaching this year's \$300,000 fundraising goal for the United Way. Almost \$260,000 has been raised through individual donations and events, including a BBQ held in the Biosciences Atrium and an open house at the Science Formal in Grant Hall. Next up are AMS-organized wishing wells in the Stauffer and Douglas Libraries on December 8 and 9.

"So many people will be studying for finals," says Katrina van Laren, student co-chair of the university's United Way organizing committee. "We encourage students, faculty and staff to drop some change into the wells

and make a wish."

"You never know...the wish could come true, and you'll be supporting a very worthy cause," adds student co-chair Megan Barnes.

The United Way benefits 73,000 local residents by funding agencies and organizations that provide a broad range of social services.

PhD student Laura Kinderman has worked and volunteered for Kingston Literacy, which receives United Way support. She currently chairs their Volunteer Development Committee.

"Volunteering for this organization is rewarding and fulfilling, because it supplies a real and urgent societal need," she says. "I have seen

first-hand how much adult learners benefit from the dynamic, positive energy of group instruction and the close, caring attention they receive in one-to-one tutoring."

One of the most inspiring events organized by Kingston Literacy is the Celebration of Learning evening, where students share their achievements with peers, volunteers, family, and teachers, reading their own stories aloud, and receiving certificates for their achievements. "It is a moving event, showing tangibly how increasing literacy changes lives for the better," says Ms Kinderman.

www.unitedwaykfla.ca



JEFF DRAKE

School of Business professor David McConomy was a celebrity chef at the recent BBQ supporting the Queen's United Way Campaign.

IN BRIEF

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.

"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 employees 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 the latest information, including when to seek medical attention, visit www.queensu.ca/pandemic

Boadway becomes Officer of the Order of Canada

PEOPLE



Boadway

Internationally renowned Queen's University economist Robin Boadway was officially invested as an Officer of the Order of Canada in a recent ceremony at Rideau Hall. A leading scholar in the field of public-sector economics, Dr. Boadway is the Sir Edward Peacock Professor of Economics at Queen's, and inaugural holder of the David Chadwick Smith Chair.

Three faculty members have received funding during the first round of the 2009-10 Community Service Learning Engagement

Program. Assistant Professor Leela Viswanathan (Urban and Regional Planning) was granted \$2,500 for her project "Putting planning into practice: Transforming social planning pedagogy using a community service learning model." Mary Lou Boudreau and Donna O'Connor (School of Rehabilitation and Therapy) also received funding in the amount of \$2,500 for their project "Community service learning in occupational therapy: Funds for action." The deadline for the final round of funding is January 15, 2010.

Several alumni have received major awards in the last month. Michel Picher (Law '72) received the 2009 Bora Laskin Award for his contributions to Canadian labour law. Daphne Dumont (Artsci '74) won the Governor General's Award in Commemoration of the Persons Case for her significant

contributions in advancing the equality of women. David Allgood (Law '74) was recognized for his outstanding achievement in service to the legal profession with the 2009 Excellence in Corporate Practice Award.

Queen's students Kayleigh Roberts and Ben Richards have won the 2009 Agfa HealthCare eHealth Innovation Award. This year's competition addressed the IT-enabled exchange of records and information among patients and providers. Roberts and Richards' winning proposal will be reviewed by a panel including Agfa HealthCare's CEO and executive team.

Principal Emeritus and Professor Emeritus of Political Studies Ronald Watts recently traveled to Nepal to provide advice to the framers of the country's new constitution. Dr. Watts met with the President and Prime Minister of

Nepal to give comparative examples of how other federal governments manage diversity. He also met with a contingent of representatives to discuss other challenges ahead for Nepal as they look to a federal system of government.

Arthur Milnes (Centre for the Study of Democracy) has been awarded a prestigious research grant from the Lyndon Baines Johnson Presidential Library in Austin, Texas, where he will research Canada-US relations during President Johnson's and Prime Minister Lester B. Pearson's time in office. This is the second time this year that Milnes has received funds to study president-prime minister relations at a US Presidential Library.

People is an occasional feature that recognizes the accomplishments of Queen's community members. Email submissions to gazette@queensu.ca

Nov 23rd TAG DAY

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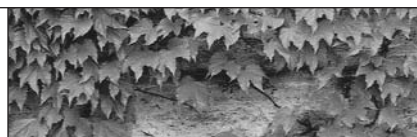
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ROUNDUP

Unfriend that intoxicated driver

The New Oxford American Dictionary has made its biggest announcement of the year: its 2009 word of the year is "unfriend". A verb, unfriend means removing someone as a friend on a social networking site such as Facebook. Christine Lindberg of Oxford's US dictionary program says the word has both currency and potential longevity. "In the online social networking context, its meaning is understood, so its adoption as a modern verb form makes this an interesting choice." Other new words considered for the honour are intoxicated (distracted because texting on a cellphone while driving a vehicle), funemployed (taking advantage of one's newly unemployed status to have fun or pursue other interests), death panel (a theoretical body that determines which patients deserve to live, when care is rationed) and deleb (a dead celebrity).

Oxford University Press blog, Nov. 16

85 universities, but who's counting?

France has established a new and tiny university – its 85th – in the southern town of Nimes. The first new university in France since 1995, it has been christened Unimes, and has a total of 3,700 students. Upgraded from its previous status as an institution of training and research, the school is looking to the future, when it will be a member of a planned centre for research and higher education in the region. The creation of Unimes goes against a national trend which has seen French universities merge in order to increase international visibility.

University World News, Nov. 14

We took all the horses

An analysis of the complete DNA sequence of Twilight, a thoroughbred 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 Massachusetts Institute of Technology, and now at the University 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, their genes and chromosomes are similar. Comparing DNA sequences also reveals that domestication of the horse was different than that of the dog. Modern dogs can be traced back to four wolves, while horse evidence indicates that their domestication resulted from many females and relatively few males (similar to the structure of wild horse herds) about 4000-6000 years ago. "Dogs derived from wolves, which are very ferocious. It's likely (humans) didn't take all the wolves, whereas we took all the horses," said Professor Wade.

The Advertiser, Nov. 10

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 Paulo after hundreds of her peers reacted angrily to her attire. The university, which explained in newspaper advertisements that it had expelled the student for incompatibility with the atmosphere at the school, reversed its decision after federal prosecutors launched an investigation. The expulsion and a video showing Arruda being chased out by a student mob caused a heated debate in Brazil, which has a conservative streak in spite of its racy Carnival festivities. She denies that she acted provocatively, and plans to complete the academic year at the school.

Reuters, Nov. 10

Compiled by Wilma van Wyngaarden

Viewpoint Policy

The Queen's Gazette welcomes submissions for Viewpoint from members of the university community. Unless otherwise discussed in advance with the editor, articles should normally range between 600 and 700 words and should address issues related to the university or higher education in general. Speeches related to issues of interest to the university community are also welcome. Email submissions to gazette@queensu.ca. The editor reserves the right to edit or reject any submission that does not comply with policy. Opinions expressed are those of the writer.

Letters Policy

The Queen's Gazette welcomes letters to the editor from members of the university community and other readers about matters related to content in the Gazette, the university or higher education in general. Letters must be original and addressed to the editor. Opinions expressed are those of the writer. The Gazette does not publish anonymous letters. Please include your name, affiliation and phone number. Email is preferable. Letters should be submitted to gazette@queensu.ca by noon on the Monday before publication. Letters are normally about 300 words maximum. The Gazette reserves the right to edit letters to address style, length and legal considerations. The editor reserves the right to edit or reject any submission that does not comply with policy.

Q&A with
Dean Rosa
Bruno-Jofré

Bruno-Jofré

After ten years as dean of the Faculty of Education, Rosa Bruno-Jofré is stepping down. Praised by many who work with her as a visionary and strategic leader, Dr. Bruno-Jofré leaves the faculty a very different place than when she arrived. Luckily, she is not gone for long. After a brief vacation in Chile, a three-month stay as a distinguished visiting professor at the Universidad Complutense de Madrid and presentations at various international symposiums, Dr. Bruno-Jofré will return to Queen's in July 2010 to continue her own research and teach undergraduate and graduate courses.

As her tenure as dean draws to a close on Jan. 1, 2010, the Gazette asked Dr. Bruno-Jofré to reflect on her past 10 years at Queen's.

What are a few of your major accomplishments while at Queen's? When I came in, one of my goals was to operate with a balanced budget and a stable internal source of funding. I also wanted to move the faculty to the cutting edge in information and communication technology. By moving the Continuing Teacher Education courses to online and establishing the Professional Learning Services subunit, we have created a sustainable source of funding and become known as a leading provider of cutting-edge teacher qualification courses. The faculty now has a state of the art e-Learning Hub, sophisticated video-conferencing room, second life island and Elluminate Live – all providing opportunities for experimentation and new pedagogical developments.

Another goal was to build a solid research structure that would support excellence in teaching and help connect our faculty with the world. Today, our doctoral students are the best funded of the Group of 13 (faculties of Education in Ontario). We have established two endowment funds (Research and Professorship) total-

QUEEN'S FLASHBACK: CFRC 1959



TRICOLOR YEARBOOKS

The year was 1959. Paul Anka, Frankie Avalon and Bobby Darin were topping the charts and Queen's CFRC radio was well on its way to becoming one of the world's longest continuously running radio stations. Recognize any of these disc jockeys? Email us at gazette@queensu.ca

ing \$4.4 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 infrastructure, the international visitors program 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 students with experience in Aboriginal communities develop leadership skills. I've had incredible assistants and excellent associate deans – LeRoy Whitehead and most recently, Stephen Elliott – with whom I had wonderful working relationships.

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

faculty. I was able to champion certain things but often it was other people who brought the ideas – or we fed off each other.

What has been the biggest change at Queen's during your 10 years here?

There has been a significant change in the approach to internationalization. When I first came, there was a degree of cautiousness to things that were new or different. At the time, Cal Bowry and I were very active, visiting embassies and ministries, becoming part of international delegations, and developing a lot of international relationships, but we did not have an office in central administration fully engaged in international relations as we have now. I think there is a lot more openness to internationalism and diversity now.

Teaching and Learning with "Clickers"

By JONATHAN ROSE

The term "Clickers" sounds too frivolous while "classroom response systems" seems too bureaucratic. 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 all, as one colleague mused, wasn't 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 while I don't yet have data on their contribution to learning, I do know that clickers have changed the way I lecture and improved the atmosphere in the classroom. Technology in the classroom should respond to a perceived problem and clickers help to address the very real lack of interactivity in large classes and the inherently 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 register on my laptop and they receive a



Rose

they mean.

This is my third month of using clickers and I have been struck by the serendipitous moments of learning they create in the class – for me as well as the students. Recently I was discussing political culture with a class. Rather than telling students that the values of their generation were "post-materialist" I had them answer questions which powerfully demonstrated this.

In another class I wanted to show the effect of question design in survey response. I asked one section of my class a question that framed their choices based on potential 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 text book – but resonated with students be-

cause they created it. It seems the simple act of voting in these class polls increases the students' stake in the material in ways that would not have been possible had I merely shown them the data. The result has been a stronger buy-in from the class on concepts and ideas we are discussing 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.

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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 fundamentally, using clickers takes faculty out of their comfort zone in delivery of material. Some might say that's a cost. I would say that it has challenged the way I think of course content and the transmission of knowledge and alleviated the perpetual problem of engagement in large lectures. For those reasons alone, it has been a great experiment.

Jonathan Rose teaches in Political Studies.

Physiologist receives Basmajian Award



Magoski

Physiology professor Neil Magoski is the 2008/2009 recipient of the Mihran 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 Botterell 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 In-

vestigator 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 2001 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.

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 tumor-forming genes interact, and may offer a drug target for cancer treatment.

"When cancer hijacks a healthy system, it can create tumors 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 tumor suppressor. When the PTEN gene function is lost, it can lead to cancer. For example, 70-80 per cent of all prostate cancers have lost PTEN function. Another gene family, called Eph receptors, often shows high levels in cancers, but a connection between PTEN and Eph Receptors in cancer formation has never been shown. The study shows the remarkable relationship between these genes in worms.

When the research team in-

creased Eph receptor levels in worms, the PTEN levels diminished and the worms died prematurely. When they decreased the Eph receptor level in the worm, the PTEN levels went up and the worm lived longer than normal. The team believes the same principles are applicable to humans.

"Obviously humans and worms look very different," says Dr. Chin-Sang, "but at a molecular



JEFF DRAKE

Biology professor Ian Chin-Sang has found a link between two genes involved in cancer formation in humans by examining worm genes.

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 Brisbin, 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.

IN BRIEF

Student team wins bronze

Queen's Genetically Engineered Machine (QGEM) team has received a bronze medal for their inventive 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 atherosclerosis, 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 Momicu, Bryant Shum and Chris Yan (Life Sciences); Chris Palmer (Engineering Chemistry); and Harry Zhou (Biochemistry). Faculty advisors include Ian Chin-Sang and Virginia Walker (Biology); Peter Greer (Biochemistry); Nancy Martin (Microbiology and Immunology); David LeBrun and Waheed 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 IEEEExtreme global challenge involved teams from 40 countries competing to solve a set of programming problems within 24 hours. The Queen's team included students Mahmoud Ouda and Sharief Oteafy from the School of Computing and Hatem Abouzeid 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 Hassanein 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 download list

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."

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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 (ePOWER) – 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, modelling and improving solar heating systems and components.

Joshua Pearce (Mechanical and Materials Engineering) – renewable energy engineering.

Bryne 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 fossil-fuel-based economy to a biological 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 (Geography), Canada Research Chair in Greenhouse Gas Dynamics and Ecosystem Management – impacts of reforestation on greenhouse gas emissions.

Environmental research

John Smol (Biology), Canada Research Chair in Environmental Change, founder and co-director of Paleoecological Environmental Assessment and Research Laboratory (PEARL) – natural and human impacts on lakes and ecosystems.

Bruce Pardy (Law) – environmental law and issues related to international climate change agreements, environmental governance, ecosystem management, environmental liability and water law.

Andrew Daugulis (Chemical Engineering) – producing ethanol from renewable resources as a viable alternative for automotive fuel, and developing bioreactors for the destruction of toxic compounds.

Paul Grogan (Biology), Canada Research Chair in Climate Change Effects on Northern Ecosystems – Arctic ecosystems response to changes in summer air temperature, winter snow accumulation, vegetation distribution and caribou migration.

Kurt Kyser (Geological Sciences and Geological Engineering) – new ways to protect the environment, the safety of our food and 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 treatment and groundwater remediation procedures.

Kent Novalkowski (Civil Engineering) – creating tools that protect 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 materials 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 diverse research projects," says Principal Daniel Woolf. "The funding will help ensure that our outstanding researchers continue to have competitive, state-of-the-art infrastructure to engage in their leading-edge research and technology development. This in turn will bring significant benefits to our local community, to the province and to the country."

Mechanical and Materials Engineering 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 Microelectronics Corporation) and Richard Oleschuk (Chemistry) lead a team of 300 researchers at Embedded Systems Canada, who are designing microsystems for the information, clean tech and medical device technologies sectors. CMC Microsystems was launched in 1984 at Queen's as a collaboration among universities, NSERC (Natural Sciences and Engineering Research Council of Canada) and industrial partners. The research group has been awarded \$9.2 million.

Professor of Orthopaedic Surgery and Mechanical and Materials Engineering David Pichora's 15-member team at the Human Mobility Research Centre receives \$700,000 to support their research into improving bone and joint tissue reconstruction and

regeneration with a combination of biomechanical, biological, computing and imaging approaches. Their work will enhance mobility in people with musculoskeletal disorders.

Other Queen's researchers receiving ORF infrastructure grants are: **Gunnar Blohm**, Physiology, Computing (\$200,000); **Christopher Booth**, Oncology (\$80,000); **Christopher Bowie**, Psychology, Psychiatry (\$75,000); **John Cartledge**, Electrical and Computer Engineering (\$180,000); **John Cartledge** and **David Plant**, Electrical and Computer Engineering (\$1.2 million); **Anne Ellis**, Allergy (\$180,000); **Gabor Fichtinger**, School of Computing (\$400,000); **Yves Filion**, Civil Engineering (\$150,000); **Lauren Flynn**, Chemical Engineering (\$100,000); **Gregory Jerkiewicz**, Chemistry (\$200,000); **Philip Jessop**, Chemistry (\$270,000); **Zongchao Jia**,

Biochemistry (\$46,000); **Kurt Kyser**, Geological Sciences and Geological Engineering (\$2 million); **Amy Latimer**, Kinesiology and Health Studies (\$95,000); **Paul Martin**, Biology (\$120,000); **William Nelson**, Biology, \$130,000; **John Peacey**, Robert M. Buchan Department of Mining (\$100,000); **Joshua Pearce**, Mechanical and Materials Engineering (\$200,000); **Elaine Petrof**, Infectious Diseases, Microbiology and Immunology (\$180,000); **Kyra Pyke**, Kinesiology and Health Studies (\$80,000); **Kevin Robbie**, Physics (\$1.4 million); **Jeremy Squire**, Pathology and Molecular Medicine (\$500,000); and **Kim Woodhouse**, Chemical Engineering (\$125,000).

As part of Ontario's Innovation Agenda, the Ontario Research Fund grants will support 46 projects involving nearly 342 scientists and researchers at 13 institutions across the province.



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

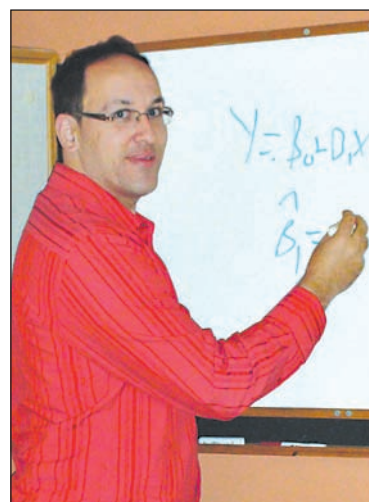
Study linking health and education wins international award

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

By NANCY DORRANCE

Researcher Steven Lehrer has won a prestigious international award in recognition of his contributions to health economics.

A professor in the School of



COURTESY OF STEVEN LEHRER
School of Policy Studies professor Steven Lehrer has won the Victor R. Fuchs Research Award.

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 published in the journal *Forum 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. He notes a large number of school-based programs have recently been introduced to prevent childhood obesity through lifestyle changes, but suggests the net should be cast more widely. "It's important for policymakers 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 evidence that inattentive symptoms of Attention Deficit Hyperactivity Disorder (ADHD) in childhood and depression in adolescents are linked to the number of years of completed schooling. Dr. Lehrer says this points to potentially large benefits from childhood and adolescent health interventions that have not yet been identified. "We focus on the link between health and education because unraveling the

mechanisms linking the two will have important implications for policy design."

In their study, the team introduces a new research design they call a "genetic lottery" identification strategy, based on the fact that, at conception there are differences in genetic inheritance among siblings. "While our paper uses this research 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."

Steven Lehrer

Presented annually by the RAND Corporation – a U.S.-based, non-profit global policy think tank – the \$10,000 Fuchs Award is given to the best research paper with the potential to spawn new research in an underdeveloped area of health economics or health policy.

Finding solutions to sustainability challenges

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 finding sustainability solutions in marking University Day, on November 26.

A newly formed Queen's advisory group composed of faculty members with expertise and interest in sustainability is providing insight and advice on the university's sustainability plan, to incorporate specific targets, measures and timeframes. Patrick Deane (V-P Academic) and Bill Bryck (V-P Operations and Finance) are co-chairs of Queen's sustainability advisory committee (QSAC).

QSAC members include: Steve

Harrison (Mechanical and Materials Engineering), Harry McCaughey (Geography, Environmental Studies), Steven Moore (School of Business), Claire Nelischer (Alma Mater Society), Bruce Parady (Law), Joshua Pearce (Mechanical and Materials Engineering), Vicki Remenda (Geological Sciences and Geological Engineering), John Smol (Biology, Environmental Studies), Andrew Pollard (Mechanical & Materials Engineering), Scott Carson (School of Business) and Ivana Zelenika (Society of Graduate & Professional Students).

Queen's students are actively en-

gaged in enhancing sustainability on campus and around the globe.

Last week, Urban and Regional Planning master's student Ana Stuermer represented the university at an international sustainability conference in Witten, Germany, organized by oikos (Students for Sustainable Economics and Management). Ms Stuermer, who received funding support from the Principal's Office Student Initiative Fund and the Office of the Vice-Principal (Academic), reported by email that she was "majorly 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 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. www.queensu.ca/sustainability

Colossal composters on campus

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 landfills," says Phil Sparks, Sodexo's Resident District Manager of Food Services. "Leonard Hall alone produces 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 Leonard 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 pilot – one in Leonard Hall, the other in Ban Righ – each with a 300kg capacity and the ability to finish their cycle in 14 hours. The massive machines costing \$100,000 each were donated to Queen's by Sodexo.

The composters are part of a two-pronged strategy aimed at reducing and recycling the university's organic waste. Purposely purchasing composters that can't handle all the organic waste 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 in place, we are launching an education program to get students thinking about how much waste they're producing so they can reduce it. Just because something can be recycled doesn't mean we should use more."

Bruce Giffiths, Director of Housing and Hospitality Services agrees.

"Some campuses are simply removing 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 that knowledge with them when they leave the campus community."

www.queensu.ca/sustainability



JEFF DRAKE

Earnest Mooney, monitor of the compost pilot project, demonstrates the new composter in Leonard Hall.

Queen's Centre helps construct a sustainable future

The Queen's Centre will be the newest hub of campus activity – a legacy from students past and present to future generations. The modern, multi-purpose athletic, social and academic complex implements sustainable design throughout. Built to LEED®-standard certification, the building was designed to reflect the university's long-term commitment to responsible stewardship.

"Sustainable design and construction are about more than a certification process," says Ann Browne, Associate Vice-Principal

(Facilities). "While the recognition is welcome, what really matters is the forward-looking process behind the scenes that considers current impacts as well as future ones. The result is a highly functional, efficient 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 building of similar size and nature. Contributing features include:

- A heat recovery system that preheats incoming outdoor air with

waste energy

- Premium efficiency standards for all 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 speeds of the ventilation system

- High-efficiency lamps and occupancy sensors to decrease electrical consumption from lighting systems
- Faucets, showers and urinals with flow and flush rates that are lower than the Ontario Building Code (OBC) and LEED requirements.

In addition, more than 75 per

cent of waste material from demolition and construction was diverted from landfill into reuse and recycling streams. The stone exterior of the old Jock Harty Arena, for example, was recovered and used on the facade of the Queen's Centre, 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 Ecologo. These products generate less toxic pollution and waste and conserve resources and habitats. The green cleaning program benefits the custodians, building occupants and the environment.

LEED® is a standardized certification system that promotes sustainable building design and construction contributing to overall efficiency and reduced environmental impact. It has been available in Canada through the Canadian Green Building Council (CaGBC) since 2004.

Student plan targets vending machine consumption, emissions

By NANCY DORRANCE

In the spirit of miserly Ebenezer Scrooge, the fictional curmudgeon from Dickens' *A Christmas Carol*, second-year Commerce student Trevor Shah would like to dim the lights at Queen's. Specifically, his



JEFF DRAKE

Commerce student Trevor Shah "triggers" a motion sensor above a vending machine equipped with a vending miser device in Mackintosh-Corry Hall.

target is the bright lights in the university's beverage vending machines.

Unlike Scrooge, however, Mr. Shah's motives are for the public good. He's hoping to reduce energy usage of each machine from 20 to 60 per cent, depending on their location, and reduce the campus carbon footprint through reduced carbon dioxide emissions.

The proposal – which is now being implemented on a trial basis in several locations on campus – involves installing a simple "plug-and-play" device called a 'vending miser' that shuts off a machine's lights when no motion has been detected nearby for more than 15 minutes. The device uses an overhead infrared sensor to power down the vending machine when the surrounding area is vacant, while maintaining the temperature of the vended product.

"It's so cool to know that this little instrument will reduce electricity consumption by an average of 46 per cent and help shrink our carbon footprint," says Mr. Shah. The two misers currently in use at Queen's are located in Mackintosh-

Corry Hall – an area of dense traffic which has seen what would be a 20 per cent annual energy savings – and Dupuis Hall, where traffic is less congested, resulting in longer "power down" periods and a 60 per cent annual reduction in electrical consumption.

"Our goal is to identify the machines on campus that would produce the highest savings and install the misers there," says Mr. Shah. "Queen's Sustainability Office is proposing that we install 75 more vending misers across campus. We hope this initiative will be another way that Queen's becomes more sustainable and friendly to our environment."

Approved by both Coke and Pepsi, the vending miser is currently in use at a number of Canadian and U.S. institutions, including Tufts University in Massachusetts where vending machines have reduced half their electricity consumption and carbon dioxide emissions over the past year. At a cost of \$230 each, it's expected that the vending misers will pay for themselves in a little over a year.

Queen's goes green – a year in review

To read past stories about the sustainable initiatives taking place at Queen's, visit the gazette archives at: www.qnc.queensu.ca/gaz_online.php

- Capturing climate change on camera, Jan. 12
- Climate warming triggers ecosystem changes in lake, Jan. 12
- A good time to go green, Jan. 26
- Queen's IT goes greener, Feb. 9
- Putting green into the university's bottom line, Feb. 23
- One person's trash..., Feb. 23
- Gifts that keep on giving, year after year, Feb. 23
- Green chemistry expertise attracts new Centre of Excellence to Queen's, Mar. 9
- Project nurtures the "inner scientist" in northern children, March 9
- New office supplies agreement a big step in cutting university costs, March 9
- Is the oil spill cure worse than the disease? March 23
- Taking action against climate change, March 23
- Queen's goes green for Earth Hour, March 23
- Get your hands dirty on Earth Day, April 13
- Food for thought, April 13
- A greener world awaits at the Earth Centre, April 13
- Alternative energy expertise generates major investment, April 13
- Researchers shine light on alternative energy solution, April 27
- Digging into earth day, April 27
- Welcoming, sustainable communities focus of study, May 11
- Plastic proof piles up on ocean garbage quest, May 25
- Grad student takes lead on sustainability, May 25
- Province awards \$13.6-million for green research, Sept. 21
- Student-run residence composting project a first in Canada, Oct. 13
- Staying the course for a sustainable campus, Oct. 26
- University registrar's office staff go green, Oct. 26
- From solar cars to solar homes, Oct. 26
- Expanded organic waste collection reduces carbon footprint, Oct. 26
- \$1 million boost for Arctic research, Oct. 26
- From solar cars to solar homes, Oct. 26
- Biologists uncover "ecologically unique" changes in Arctic lake, Oct. 26
- Momentous campus shift towards sustainable food, Nov. 9

IN BRIEF

Fudan-Queen's Centre opens

The Fudan-Queen's Centre for Environment and Sustainability Research opened this month at Fudan University in Shanghai, China. The centre allows Queen's professors to work in collaboration with colleagues in China, helping the Chinese address environmental challenges in a sustainable fashion.

"With our partners, we hope to help move China along a more sustainable path," says Urban and Regional Planning professor John Meligrana.

The centre brings together expert researchers from both universities and other institutions. It provides research and educational opportunities for graduate and undergraduate students, and potential for hosting conferences and workshops related to environment and sustainability research.

MyFarm growing into a sustainable classroom

Students and campus groups are taking advantage of a new 76-acre classroom at Queen's. Reg Pearce, an executive chef who's been with Queen's for 33 years, owns a farm located east of Gananoque. It was his idea to partner with Queen's and Sodexo to turn the land, called MyFarm, into a living, sustainable classroom.

"The initial plan was to have a place to show students where their food comes from, but it's quickly growing into much more," says Chef Pearce.

A number of research projects are already underway on MyFarm. Engineering students are working on a project that will take the used oil from the fryers on campus and turn it into biodiesel to help power the farm. Other students are researching wind and solar power projects. A group of fourth-year geology students are studying the feasibility of organic produce. And yet another class is studying the importance of the bees on the

farm, and working to increase the population from three hives to ten.

University groups are also partnering with the farm. The Four Directions Aboriginal Student Centre is using two acres of land to grow their traditional "three sisters": corn, beans and squash, for next year's educational powwow. They're also growing sweetgrass to use in ceremonies, and participants recently went on a medicine walk and found 30 different wild plants on the farm that can be used in traditional healing. There are plans to build a sweat lodge on the property next year.

Additional plans for the spring include a greenhouse to produce seedlings; a certified organic fruit and vegetable garden; and areas to raise free-range, hormone-free pork and chicken, all of which will make their way back to students at the campus farmer's market.

Although MyFarm is still in its infancy, Chef Pearce is very proud

of what's already been accomplished.

"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."



CHI YAN LAM

Chef Reg Pearce serves hot apple cider to students during a recent sustainability talk at MyFarm.

Furniture Reuse Program new solution to an old problem

By ANDREW LAMBERT

One person's trash is another's treasure. A timeless and perhaps overused expression, but one that Queen's is adhering to for its Furniture Reuse Program (FRP).

The program is designed to help manage furniture on campus in a more socially and environmentally responsible way by redistributing unwanted items to other departments and local charities.

"The FRP has outfitted my

laboratory with pieces of used furniture that meet my basic needs" says Christopher Bowie in the departments of Psychology and Psychiatry. "I had lots to choose from and, within 48 hours, the equipment was moved to my lab in a cost-efficient and environmentally conscious manner."

Departments can donate unused furniture by contacting Queen's Waste Management Coordinators. Everything from filing cabinets to

tables, desks and chairs goes into storage where the coordinators develop an inventory of reusable items.

"Departments needing furniture can visit our storage centre on Barrack Street and then make a request by phone or email," says Llynwen Osborne, the Waste Management coordinator in charge of running the furniture program. "Items are then delivered at the department's own expense."

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 furniture program has a hugely positive impact on the community," says Ms Osborne. "In the last five months, over 4.7 tonnes of furniture 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-Spink at the School of Graduate Studies explains, "They also make our office look more professional and organized."

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

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

Environmental cleaning initiative adopted on campus

By OLIVIA ROBINSON

Queen's is cleaner – and greener – thanks to a new environmental cleaning initiative adopted on campus.

The move to greener cleaning products not only helps to conserve the environment, but reduces health risks and is more cost-effective.

"In addition to the obvious environmental impact of toxic cleaning products, improper use of

regular cleaning products may be potentially harmful to cleaning staff and students," says Sustainability Manager Aaron Ball. "Switching to green cleaning allows us to limit staff and student exposure to this potential risk."

"These new products work very well and the lack of odour is great," agrees custodian Alberta Thompson. "They clean for both appearance and for the health of the building occupants."

The university uses a variety of green cleaning products from different companies. Some of these products, like the paper used in washrooms, 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 garbage 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 effective cleaning alternative," says Mr. Ball.

"They have improved dramatically and now, in most cases, work just as well as other products."

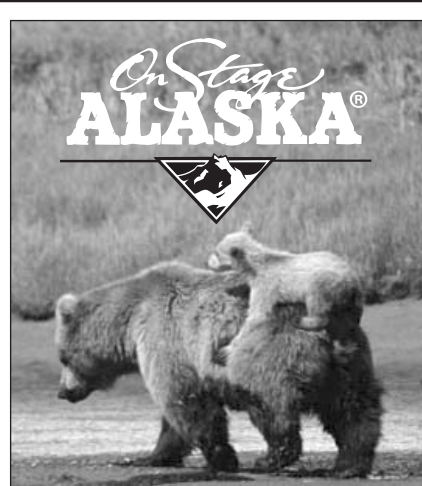
Unlike traditional cleaning products, these green products are multi-purpose. Different concentrations of the same solution can be used to clean various surfaces, which is a cost-cutting ad-

vantage. Although some green products, such as mops made out of micro-fibre material, are more costly, their durability will result in long-term cost savings for the university.

"Micro-fibre products have tiny hooks embedded in the fabric which collect dirt more efficiently than your typical mop," says Ms Thompson. "They are more durable so they last longer."

Presently, Gordon Hall is the testing site for these green products. Queen's Centre, when it opens Dec. 1, will also use green cleaning. Over time, the university hopes to have completely green cleaning.

"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 preserving our environment."



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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

■ Nov. 2 – 13

International

Ned Franks (Political Studies) – The monarchy's latest visit to Canada, in *The New York Times*.

Udo Schüklenk (Philosophy) – Problems with religious dogma, in the *UK Guardian* and *Akron Ohio News*; also heading a new international panel on "End-of-Life Decision Making" in Canada, in the *Kingston Whig-Standard*.

David Murakami Wood (Sociology) – Government bodies and covert surveillance, in the *UK Guardian*.

Guy Narbonne (Geological Sciences and Geological Engineering) – Living creatures growth spurts during Earth's history, in the *Sydney, Australia Morning Herald*.

Globe and Mail

Sidney Eve Matrix (Film and Media) – Developing MP3 player-specific classes for high school students.

Scott Carson (Business) – MBA qualifying tests.

Allan English (History) – The growing interest in Remembrance Day.

Michael Darling (Business) – National MBA programs by video conferencing.

Julian Barling (Business) – Violence in the workplace.



Bland



Chin-Sang



Evans



Matrix



Narbonne



Stuart

National Post

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*.

Karen Yeates (Nephrology) – Aborigines' access to kidney transplants, also in the *Vancouver Sun*, *Edmonton Journal*, *Ottawa Citizen*, *Calgary Herald*, *Regina Leader-Post* and *Nanaimo Daily News*.

Ken Wong (Business) – Quebec-based advertising agency Cossette Inc. after being sold to a U.S. private investment firm.

Thomas Axworthy (Centre for the Study of Democracy) – Human rights in Russia; also child sex-trafficking in Cambodia, in the *Toronto Star*.

Kim Richard Nossal (Political Studies) – The federal government's role in university education.

Nick Bala (Law) – Analysis of Canadian youth crime laws, also in the *Calgary Herald*.

Don Stuart (Law) – Canada following the American fixed sentencing model.

Peter MacLeod (Centre for the Study of Democracy) – The Canadian Citizenship Guide.

Toronto Star

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*.

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*.

Liz Leal-Conrad (Residences) – Binge drinking at university.

Heather Evans (English) – History of the chip truck.

Ottawa Citizen

Arthur Milnes (Centre for the Study of Democracy) – Brian Mulroney and George H.W. Bush's role in the fall of the Berlin Wall, also in the *Kingston Whig-Standard* and on the *History News Network*.

Regional Newspapers

Ian Chin-Sang (Biology) – Link between cancer genes in humans and worms, in the *Calgary Sun*, *Kingston Whig-Standard* and on *MedicalNewsToday.com* and *ScienceDaily.com*.

Bryne Purchase (School of Policy

Studies) – Analyzing the NB Power agreement, in the *New Brunswick Telegraph-Journal*.

Kingston Whig-Standard

Brian Osborne and **Betsy Donald** (Geography) – Proposed social housing development in Barriefield.

Broadcast

Gary Armstrong (PhD Student) – Similarity in brain disturbance between insects and people suffering from migraines and stroke, on *Discovery Channel's Daily Planet*.

Gerald Evans (Infectious Diseases) – Reactions to flu shots in NWT, on *CBC TV North* and *CBC.ca*; the H1N1 vaccine shot, on *570 News Radio Kitchener*.

John Smol (Biology) – climate change on *CBC TV*.

Daryn Lehoux (Classics) – The Antikythera mechanism, on *CBC Radio's Quirks and Quarks*.

Peter Ford (Medicine) – Hepatitis C on the rise in federal prisons, on *CBC.ca*.

Annette Burfoot (Sociology) – The history of masculinity, on *CKWS TV*.

Correction: The photo for Laura Murray (English) was incorrect in the Nov. 9 Gazette.

Vice-Principals

continued from page 1

"I wish Patrick all the best at Mac and want to again recognize his tremendous service to Queen's," says Principal Woolf.

"Bob Silverman has had an impressive administrative career at Queen's as dean and more recently as coordinator of our Bader Performing Arts Centre initiative with the City of Kingston," adds Principal Woolf. "Having worked with Bob in other capacities, I look forward to doing so with him as V-P (Academic) over the next year."

Dr. Silverman spent 10 years as the head of Sociology at the University of Alberta before coming to Queen's in 1996 as dean of the faculty of Arts and Science, a position he held for more than a decade. In 2006, he was honored with a Distinguished Service award.

"Patrick Deane will be a very hard act to follow, but I am looking forward to the challenges and working with Principal Woolf and the entire Queen's community," says Dr. Silverman.

Dr. Silverman will begin working with Dr. Deane and his staff in the New Year. Dr. Deane will leave campus in May to prepare for his move to Hamilton.

Conference

continued from page 1

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 Adrangi. "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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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 Botterell 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 review process, terms 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: popem@kgh.kari.net



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For the Record

Submission information

Submissions will be edited to address style and length and should normally be less than 150 words.

Appointments

Patrick Deane, Vice-Principal (Academic) announces the appointment of Jeffrey Brison as Deputy Senior Editor in the Kingston office of McGill-Queen's University Press. Dr. Brison is a specialist in Canadian history and has served as chair of undergraduate studies in the history department, where he teaches both graduate 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 enrolled at Queen's are invited to apply. Pick up applications at the Ban Righ Centre beginning Monday, Nov. 30. Deadline: Monday, Jan. 29, 2010. Contact webbl@queensu.ca or 613-533-6000, ext. 75363. www.queensu.ca/dsao/ind/banrigh/bursaries.htm

Chancellor A. Charles Baillie Teaching Award

Nominations are invited for the Chancellor A. Charles Baillie Teaching Award, which recognizes undergraduate or graduate teaching that has had an outstanding influence on the quality of student learning at Queen's. Deadline: March 1, 2010. www.queensu.ca/ctl/scholarship/awards/award.php?description=baillie

Community Service Learning Engagement Grant Program 2009-10

Call for proposals for the final round of funding. Contact Matthew Ascah, Coordinator, matthew.ascah@queensu.ca. Deadline: Jan. 15. www.queensu.ca/ctl/scholarship/awards/csl_call_09-10.php

5th Annual Learning Commons Conference

Call for proposals: A Journey in Progress: Been there! Done that! What's next! June 16 - 18, 2010. Deadline: Dec. 9. www.queensu.ca/q/c/Conference.html

Queen's Human Rights Initiative Award

Call for nominations. This annual award recognizes outstanding initiatives contributing to the advancement of equality and human rights at Queen's. Information: 613-533-6886 or hrights@post.queensu.ca

Queen's University Chairs in Teaching and Learning

Nominations are invited for the Queen's University Chairs in Teaching and Learning. Chairs receive a three-year non-renewable appointment and \$20,000 annual discretionary 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 Learning (CTL), in partnership with ITServices, invites proposals for Teaching and Learning Enhancement Grants, which are intended to encourage and support activities and projects designed to enhance student learning at Queen's. Deadline: Jan. 11, 2010. www.queensu.ca/ctl/scholarship/awards/grants.php

Governance

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 according 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/promot/promot.html or from the University Secretariat, 153 Richardson, 613-533-6095.

Human Resources

December holiday closing

Normal 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 December monthly payroll. This includes salary requisitions for monthly paid employees.
Tuesday, Dec. 15
Salary advice statements for monthly paid employees will be mailed.
Friday, Dec. 18
Deadline for emergency salary advances 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
Final 2009 pay-date 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 included in the listing, please contact Faye Baudoux in Human Resources at 77791. Congratulations to those who reached the following milestones in November 2009.
35 years: John Martin, ITS.
30 years: Dennis Cardinal, PPS; Stephen Kincaid, Custodial Services; Pamela Livingston, Biochemistry; Robert Loftus, PPS.
25 years: Derek Cole, Residences; Mike Condra, Health, Counselling and Disability Services; Valerie Jarus, School of Policy Studies; Richard Kish, PPS; Kevin McKegney, Faculty of Health Sciences; Barbara Mundell, Career Services; Charles Vetere, Health, Counselling and Disability Services.
20 years: Susan Cockram, Bracken Health Sciences Library; Mike Finn, PPS; Joanne Grills, Faculty of Applied Science.
15 years: Lee Atkinson, Drama; John Luney, ITS; Angela Maltby, School of Kinesiology and Health Studies; Alan Sedgewick, School of Business; Frances Shepherd, Political Studies.

10 years: Timothy Blackwell, School of Business; Scott Boomhour, ITS; Diane Caverley, Clinical Trials Group; Kevin Dennison, ITS; John Dodds, Mechanical and Materials Engineering; Kari Hurst, Human Mobility Research Centre; Carol Kavanaugh, Faculty of Arts and Science; Amy Lalonde, Office of the University Registrar; Karen Topping, School of Environmental Studies; Christopher Zaremba, ITS.
Five years: Tiffany Bambrick, Athletics and Recreation; Barbara Bolton, School of Nursing; Rebecca Bone, School of Business; Victoria Donaldson, School of Nursing; Andrew DosSantos, School of Medicine; Djilali Hamza, Electrical and Computer Engineering; Pamela Hollywood, Development; Diane Tummillo, School of Business; Angie Tuttle, Pathology and Molecular Medicine.

Employee Assistance Program

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

Notices

Classics Department

In May and June 2010, Barbara Reeves will be running an excavation at the Nabataean, Roman, Byzantine, and early Islamic site of Humayma in Jordan. All Queen's students are welcome to apply. Students master archaeological 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/classics/breeves/index.htm

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. qfr@ams.queensu.ca

PEC Closure

Fitness facilities at the Physical Education Centre close for recreational use as of midnight, Thursday, Nov. 26. Go to www.gogaelsgo.com 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 contact 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 (15 spaces at the north end), Goodes Lot (eight spaces at the south end), Miller Lot (12 spaces across from Campus Bookstore). 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. conchlab@queensu.ca

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

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Calendar

Unless specified, all events are free and open to the public. For a comprehensive listing of campus events, visit the Queen's Events Calendar at www.queensu.ca or eventscalendar.queensu.ca

Lectures and Events

Tuesday, Nov. 24

Monieson Centre
Susan Christopherson, Cornell University. The green phoenix: how green energy investments can renew old manufacturing regions. RSVP to monieson@business.queensu.ca or ext. 32350. 406 Goodes Hall, 6:30 pm.

Wednesday, Nov. 25

Medical Oncology
Pamela Goodwin, Maria Ricci Memorial Lectureship. Insulin and breast cancer – A potential therapeutic target? Rm. 100, Cancer Research Institute, 10 Stuart St., 4:30 pm.

Music

Queen's Jazz Ensemble, directed by Greg Runions. \$10 adults; \$5 students/seniors, at the door. Contact: 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

Janet Currie, Columbia University. Early childhood influences and long

term outcomes. 14 Dunning Hall, noon. Refreshments follow.

Studies in National and International Democracy (SNID)
Tania Li, University of Toronto. To make live or let die? Rural dispossession and the protection of surplus population. B204 Mackintosh-Corry Hall, 1 pm.

Friday, Nov. 27

Music
Student Chamber Ensembles. Contact 613-533-2066, music@queensu.ca. 120 Harrison-LeCaine, 11:30 am. 2009 Kingston Symphony Association and Milsom Scholarship Winners Recital. 120 Harrison-LeCaine, 12:30 pm. Visiting artist, Annamaria Popescu (mezzo soprano) presents a vocal masterclass. 120 Harrison-LeCaine, 2:00 pm.

Music

Queen's Symphony Orchestra, directed by Gordon Craig, 2009 Concerto/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.

Tuesday, Dec. 1

Italian Club
Join us. Level of Italian doesn't matter. 307 Kingston Hall. 3:30 pm. zaccagn@queensu.ca

Thursday, Dec. 3

Mining
Laeque Daneshmend, head of Mining Engineering, Kimberley Woodhouse, dean of Applied Science, Daniel Woolf, principal, and Robert M. Buchan, MSc'72, unveil the

Robert M. Buchan Department of Mining. Beamish-Munro Hall, 9:30 am.

Chemistry

N. Mohankumar, 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, Harrison-LeCaine, 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, JDUC, 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, 613-546-1833, ext. 35 or vec@kingston.net

Monday, Dec. 7

Centre for Teaching and Learning
Lindsey Davidson. Adventures in teaching. Agnes Etherington Art Centre. Register at www.queensu.ca/ctl/publiclecture/2009/index.php

Mechanical & Materials Engineering

Mark Jermy and Patrick Geoghegan,

University of Canterbury, NZ. PIV measurement of fluid flow in the human airway and flexible arteries. 312 McLaughlin 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/TandLSymposium/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. B176 Mackintosh-Corry Hall, 9 am.

Monieson Centre

Rajiv Saberhwal, Fulbright Scholar 2009-2010, University of Missouri. How common knowledge impacts the effectiveness of knowledge management processes. RSVP to monieson@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@ryatt.ca

Sunday, Dec. 13

Kingston Symphony Orchestra
"Candlelight Christmas", conducted by Glen Fast. Kingston Choral Society and Michel Szczesniak (piano). Tickets: Grand Theatre Box Office, 613-530-2050. St. George's Cathedral, 2:30 pm.

HELP LINES

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Human Rights Office

613-533-6886
Irène Bujara, Director

Sexual Harassment Complainant Advisors

Margot Coulter, Coordinator
613-533-6629

Chuck Vetere – Student Counselling
613-533-2893 ext. 77978

Anti-Racism Complainant Advisors

Stephanie Simpson, Coordinator
613-533-6886

Audrey Kobayashi – Geography,
613-533-3035

Anti-Heterosexism/Transphobia Complainant Advisors

Jean Pfliederer, Coordinator
613-533-6886

Eleanor MacDonald, Politics
613-533-6631

Coordinator of Dispute Resolution Mechanisms

Please contact Harry Smith, Coordinator of Dispute Resolution Mechanisms, at 613-533-6495 for assistance or referral to an advisor.

Sexual Harassment Respondent Advisors

Paul Banfield – Archives
ext. 74460

Greg Wanless – Drama
ext. 74330

Anti-Racism Respondent Advisor

Ellie Deir – Education
ext. 77673

Internal Dispute Resolution

SGPS Student Advisor Program
613-533-3169

University Dispute Resolution Advisors – Students

Please contact Harry Smith, Coordinator of Dispute Resolution Mechanisms, at 613-533-6495 for assistance or referral to an advisor.

Freedom of Information and Protection of Privacy

Diane Kelly, Access and Privacy
Coordinator
613-533-2211

Accommodation and Wellness

Shannon Casteels, Workplace Advisor
ext. 77818

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Dec 7, 14, 21 Alight at Night, Upper Canada Village
Dec 8 Ottawa Senators vs Montreal
Dec 16 Ottawa Senators vs Buffalo Sabres
Dec 19-20 Buffalo Bills vs. New England Patriots
Dec 30 King Tut & The Dead Sea Scrolls
Dec 31 Ottawa Senators vs NY Islanders
Jan 2-3 Buffalo Bills vs. Indianapolis Colts
Jan 3 Ottawa Senators vs Philadelphia Flyers
Jan 10 Toronto Raptors vs. Boston
Feb 5-7 Quebec City Winter Carnival
Feb 20 Toronto Raptors vs. Washington
Feb 24 Little House on the Prairie
Feb 26 Toronto Raptors vs. Cleveland
Mar 17 Toronto Raptors vs. Atlanta



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GREG BLACK

Gaels fans had plenty to cheer about as Queen's football team clinched the Yates Cup in the 2009 OUA Championship.

Good days to be a Gael

Expectations were high and the Gaels did not disappoint, as four Queen's athletics teams participated in provincial and national championships on the weekend of Nov. 13 - 15.

More than 7,250 people came out on Saturday, Nov. 14 to watch the Gaels football team beat the Western Mustangs in their first Ontario University Athletics (OUA) Championship appearance since 2002.

The Gaels clinched the Yates Cup with a 43-39 win over the Mustangs in what is already being called "the best game in Yates Cup history." Queen's plays defending Vanier Cup champion Laval Rouge et Or in the Mitchell Bowl on Saturday, Nov. 21. For results - not available by press time - go to www.gogaelsgo.com

Queen's cross country team also competed on home turf as host of the CIS Cross Country Championships. In the men's event, the

Gaels top finisher was Matt Hulse who crossed the line in 17th position to help his team finish seventh. On the women's side, Leah Larocque finished 33rd to lead the Gaels team to an 11th place finish.

In another Queen's vs. Western matchup, the Gaels men's rugby team took on the Mustangs at Fletcher's Field in Markham for the OUA Championship. The Gaels beat the Mustangs 23-19, giving them their first OUA Championship since 2001.

The Gaels women's soccer team competed in the Canadian Interuniversity Sport (CIS) Women's Soccer Championship in Toronto. Queen's won their quarter-final matchup against the St. Francis Xavier X-Women, sending them to the semifinals where they lost to reigning CIS champions, Trinity Western 2-1 in a penalty shootout. Queen's finished the tournament in fourth place following a 2-1 loss to UBC.

Reports to the Senate
Internal Academic Review Committee (IARC)
Review Cycle 2007-08

To all Faculty, Staff and Students,

The Internal Academic Review (IAR) 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 IAR 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
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