



# QUEEN'S GAZETTE

Watching the watchers P8



The ultimate teaching assistant P16



## Queen's in your pocket

### ITUNES U ADDS NEW DIMENSION TO CAMPUS LIFE

Queen's is the first university in Canada to launch a new web application which invites users to download a broad range of audio and video content highlighting the many different facets of campus life.

Starting today, people can access "Queen's on iTunes U," at a new website at [www.queensu.ca/itunesu](http://www.queensu.ca/itunesu). It is part of an Apple

Computer initiative called iTunes U, which leverages the popular iTunes music store to freely distribute Queen's-related multimedia content. Content available through the site includes public lectures, convocation addresses, videos showcasing various aspects of campus life and programs, historical content from Queen's Archives and weekly athletic video highlights from the Queen's Golden Gaels. Much of the content has been provided by Queen's student-run campus radio station, CFRC 101.9 FM. Tom Dean, an assistant professor

in the Department of Electrical and Computer Engineering, is going one step further in posting class lectures and labs that students can download and listen to at their leisure.

Content can be easily accessed using Apple's iTunes software, provided as a free download in both PC and Mac format from Apple's website. It can also be accessed through other free podcast-capable software available on the web. Users have the option of subscribing to various podcasts and will receive new content that is retrieved

automatically as it becomes available. Once retrieved, it can easily be transferred to an iPod or other portable media device.

"Queen's on iTunes U is an amazing foundation for us to share a seemingly limitless amount of university audio and video content," says Richard Seres, executive director of the Department of Marketing and Communications. "It not only allows us to share news and information across the campus, but also showcase Queen's to the world."

With an estimated 70 million iPods sold to date worldwide and

portable media devices becoming increasingly popular, the new addition to the Queen's suite of electronic communications tools was a logical step in bringing audio and video content off the hard drive and to the ears and eyes of the world.

Last year, the Department of Marketing and Communications relaunched the university's homepage and top-level navigation as part of a move to enhance web accessibility. This work was recognized with a Gold Medal for "Best Institutional Homepage"

See ITUNES U: Page 3

### DISCOVERY POINTS TO NEW TREATMENTS FOR THYROID CANCER



STEPHEN WILD

Lois Mulligan and Taranjit Gujral use a 3-D model of a protein to predict and compare its molecular mechanisms. For the story, see page 9.

## University examines ethics review policy

By CELIA RUSSELL

The growing use of the Internet as a research tool has prompted the university's General Research Ethics Board (GREB) to revamp its ethics review policy on research involving human subjects.

"The university has a responsibility to make sure that all research involving human subjects is conducted in an ethical way, with appropriate respect of the privacy of the subjects involved," says Vice-Principal (Research) Kerry Rowe. "The General Research

Ethics Board is the rightful place to establish that type of policy."

Of particular concern is the use of the Internet in ways it has not been used before, says Dr. Rowe, referring to the growing use of chat rooms.

He gave an example of people who lurk in chat rooms and take information from unknowing participants to use in their research.

This is not to be confused with people taking references and bibliographic details from the Internet, he says.

"Anytime research involves human subjects, you need a set of protocols and approval by the GREB. The policy is there to make it clear to researchers when they need and when they don't need review."

Researchers should be concerned, says Faculty of Education professor Howard Smith. He says that with the new draft policy for Internet Research at Queen's, "GREB has embarked on a mission to bring all Internet research under its control."

"Through its draft policy... GREB intends to force the ethics

review of all Internet-based research that does not meet its own extraordinary exemption criteria," says Dr. Smith.

The policy that has been developed is in draft form and is being circulated for discussion. It has gone through one iteration and there will be more, says Dr. Rowe. It recognizes that most Internet research will not need ethics board review.

For further information on the board and draft policy, visit [www.queensu.ca/vpr/greb/grebinfo1.htm](http://www.queensu.ca/vpr/greb/grebinfo1.htm)

For more on the subject, see the Viewpoint column by Dr. Smith on page 6.

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Queen's News Centre



## IN BRIEF

### Symposium explores hall's sustainability

The Honours Project in Sustainability Class in the School of Environmental Studies is hosting a symposium Monday, Nov. 27 at 7 pm to discuss a sustainable future for MacGillivray-Brown Hall, the new AMS student centre.

The class will make presentations and conduct an interactive poster session to highlight results and show how the hall has the potential to become a catalyst for future sustainability initiatives at the university and the Kingston community.

Students, staff, faculty, and community members are encouraged to attend the symposium, which will take place at the hall at 218 Barrie St. near Earl Street. Snacks and refreshments will be served - please BYOM (bring your own mug).

Details: [www.queensu.ca/envst/](http://www.queensu.ca/envst/)

### Med alum awarded family medicine scholarship

Recent School of Medicine graduate Lucas Cockburn is Queen's 2006 recipient of the ALTANA Pharma Family Medicine Scholarship, a fund that each year gives medical students across the province a \$5,000 scholarship if they pursue family medicine as their specialty.

This is the second year a medical student from Queen's has received the award.

Dr. Cockburn and his fellow recipients from McMaster University, the University of Western Ontario and the University of Toronto were honoured recently at the 44th Annual Scientific Assembly of the Ontario College of Family Physicians (OCFP).

"With the severe shortage of family doctors in Ontario, incentives like this scholarship fund are essential to ensure that more family doctors are produced every year," says Dr. Cockburn, who is currently in his first year of a two-year residency in family medicine at Toronto Western Hospital in Toronto.

"I look forward to becoming a provider of and advocate for primary health care for people in my community."

## Alumnus awarded Rhodes Scholarship

By MOLLY KEHOE

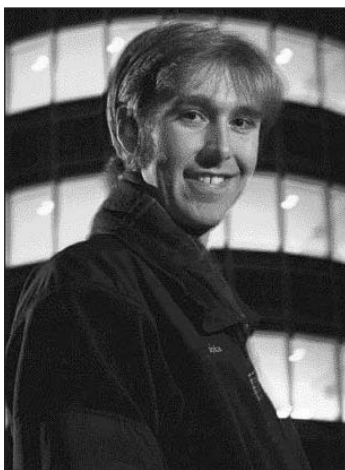
Queen's alumnus Michael Urban has been awarded a Rhodes Scholarship to study at Oxford University in the fall of 2007 for up to three years.

Mr. Urban, 23, completed a Bachelor of Arts (Honours) in History, a Bachelor of Arts (Honours) in Political Studies, and an International Studies Certificate, all at Queen's. He was also the recipient of a number of upper year scholarships, including the Principal's Scholarship.

He is currently a masters student at the Norman Paterson School of International Affairs at Carleton University.

"Michael is one of the very best students it has been my privilege to teach during my 23 years at Queen's," says David Haglund, professor of Political Studies and supervisor of Mr. Urban's honours thesis. "It was not difficult to become familiar with him, as he sat close to the front and was never shy about interrupting a lecture point if something piqued his interest, and I always welcome the chance to debate issues with my students. I wish him all the best at Oxford."

At Queen's, Mr. Urban was active in student life as speaker of



WAYNE CUDDINGTON, THE OTTAWA CITIZEN  
Michael Urban

the Alma Mater Society student assembly and a long-standing member of Queen's Debate Union. His academic interest in international governance led him to complete an honours thesis in European security and defence policy.

"This scholarship is one of the highest recognitions for international study," says Principal Karen Hitchcock. "The Queen's community is very proud that Michael's education here was a contributing factor to this schol-

arship. I'd like to congratulate him on behalf of the university for this wonderful achievement."

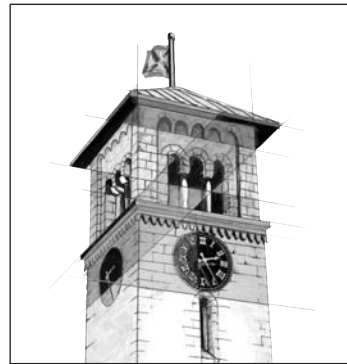
Mr. Urban is the 54th Queen's graduate to earn the award. The last recipient was Susan Bartlett of the School of Computing in 2003.

Originally from Winnipeg, Urban has received one of three annual Rhodes Scholarships awarded to students from the Prairies. Prairie Rhodes Scholarships were also presented to Travis Murdoch, University of Alberta, and Alana Lajoie-O'Malley, University of Winnipeg.

In Canada, up to 11 Rhodes Scholarships are awarded annually. It was first awarded in Canada in 1904, and is financed and administered by the Oxford-based Rhodes Trust.

### Correction

The word "Queen's" was inadvertently omitted from the heading on the announcement about the advisory committee for the Queen's-RMC Fuel Cell Research Centre (Nov. 13, page 12). The Gazette regrets the error.



## QUEEN'S GAZETTE

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Submissions are welcome, but the Gazette reserves the right to edit and print contributions as space and time permit.

### SCHEDULE

**Issue date: Monday, Dec. 11**  
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Ad artwork deadline: **Nov. 30**  
Noon editorial deadline: **Dec. 4**

**Issue date: Monday, Jan. 8**  
Ad booking deadline: **Dec. 15**  
Ad artwork deadline: **Dec. 21**  
Noon editorial deadline: **Dec. 22**

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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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### Presenting Queen's on iTunes U

With Queen's on iTunes U, you'll find audio and video content from all corners of the Queen's community. No matter where you are in the world, you'll be able to access recordings from homecoming, guest lecturers, and many other events from around the Queen's Campus.

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[www.queensu.ca/itunes](http://www.queensu.ca/itunes)

The staff of the Office of Advancement is pleased to invite you to a **Reception** at the request of **George N. Hood** Vice-Principal (Advancement) to give him the opportunity to thank the University and Kingston communities for their efforts during his time at Queen's.

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## Construction on campus – past, present and future

By CELIA RUSSELL

The completion of renovations to Gordon Hall and Gordon Annex, the opening of a co-generation facility with Kingston General Hospital and the upgrading of food services in Victoria Hall with the creation of the Lazy Scholar were among the major campus capital construction and

renovations projects for 2006.

The Campus Planning and Development Committee's recent annual report to Senate also points to upcoming major construction on the main campus in 2007.

These include Phase 1 of the \$230-million Queen's Centre student life project and \$7.8-million

in renovations to University Avenue between Stuart and Clergy Streets. The total includes a \$1-million endowment from two anonymous donors to ensure that Queen's main street continues to be well maintained in the years to come.

"The intent is to start work in May 2007 and get the University

Avenue project out to tender before the end of the year," says Construction Manager Pat Caulfeild. The plan is to restore the streetscape and create a more pedestrian-friendly environment.

The roadway will be reconstructed without a median, creating a single narrower street, with trees behind the sidewalk, light posts along the street side, new tree plantings and raised flowerbeds, site art opportunities, and other characteristics.

As part of the discussions with the City of Kingston, an agreement has been reached that would see the utility services under the street replaced as part of the project with the City reimbursing the university for these costs over several years. A safety audit was completed during the fall of 2005 with the implementation of the City recommendations for pedestrian safety.

Other pending projects on the list include the Arts Campus (J.K. Tett Centre, 370 King St. W.), which the university purchased earlier this year from the City of Kingston. This would fulfill the needs of the university as well as Kingston community groups.

Design work continues for the construction of an addition over the loading dock of Botterell Hall to accommodate future lab expansion.

McNeill House residence is the first part of a multiyear redevelopment of residence buildings. Plans include increased accessibility in addition to refurbishing (upgraded washrooms,

common rooms and replacing furniture).

Planning funds have been approved for an underground permit parking structure to be constructed on the site of the current Mackintosh-Corry parking lot. An artificial field would be built on the surface of the structure.

With the exception of Human Resources, senior administration offices moved this summer from Richardson Hall to the first floor of Dunning Hall temporarily to allow renovations to begin at Richardson. The facilities will be upgraded to address major building deficiencies including full accessibility.

Once completed, Richardson will house the offices of the Principal, Vice-Principals, University Secretariat, Institutional Planning, Internal Audit and Research Services, the Associate Vice-Principal (Finance) and the associated staff within the Financial Analysis and Budgeting group.

Alterations to the Stewart-Pollock Wing of Fleming Hall are expected to be completed by summer of 2007. Human Resources will move from Richardson into the first three floors; Marketing and Communications, currently on floors one and three will move to the fourth and fifth floors.

For the full report, which includes information on project costs, architects and other ongoing projects, go to [www.queensu.ca/secretariat/senate/Oct19\\_06/CPDCRpt.pdf](http://www.queensu.ca/secretariat/senate/Oct19_06/CPDCRpt.pdf)



CELIA RUSSELL

Workers reconstruct a corner of the old carriage house on Clergy Street beside the Queen's Centre site while a backhoe takes down the former Royal Kingston Curling Club earlier this month – the last building to be demolished on the site.

### iTunes U continued from page 1

awarded by the Canadian Council for the Advancement of Education. In partnership with IT Services, the department is also implementing a customized web-content management system (QLenya) for campus-wide use that supports a range of accessi-

ble technologies. More electronic communication strategies are planned for the new year.

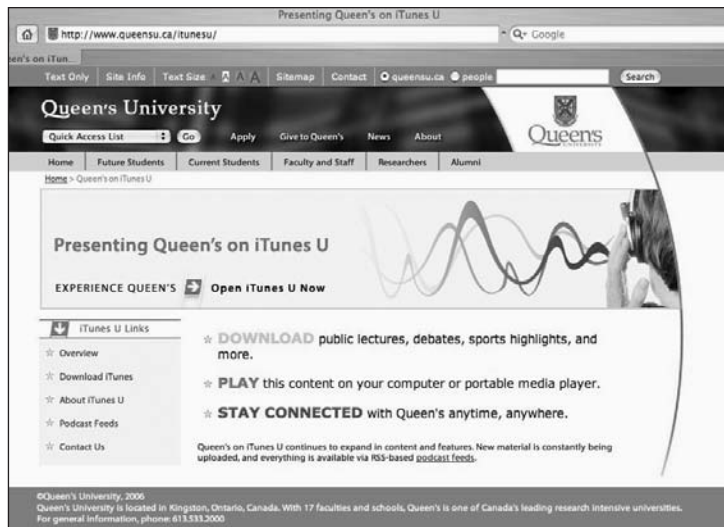
Although an assortment of more than 50 items is currently available, the iTunes U team will be looking to the campus community for input.

"We've had amazing interest and support from several groups on campus including CFRC, Athletics, Archives, and a number of academic units," says Mr. Seres. "Many of these groups are hard at work, developing more content for the site, but it's clear there are many other groups out there we haven't heard from. We want to hear from the campus to find out what else is out there and what other content we need to generate."

While Queen's is the first university in Canada to launch iTunes U, several U.S. institutions including Stanford, Duke, Berkeley and U Michigan have launched similar sites.

The U.S. schools with iTunes U sites have a wealth of content to draw on – and so does Queen's, says Mr. Seres.

"We've got so much happening here that there's no reason we can't grow our site to the point where we're a leader in this area."



### A sample of what's available at Queen's on iTunes U

- 2006 Convocation honorary graduate addresses by Ben Hepner, Bob Rae, Charlotte Gray, Jane Bunnett, Michael Schull, Nel Noddings and William Hutt.
- Regular weekly episodes of "The Best of Our Knowledge," the weekly National Public Radio program hosted by Queen's Principal Karen Hitchcock, including a two-part interview with Queen's professor and Polanyi Award winner Art McDonald.
- Lectures and debates, including the 2006 Winter Dunning Trust Lecture by Chief Justice Beverly McLaughlin and the 2006 Homecoming Great Debate.
- Video highlights of the Queen's Golden Gaels athletic teams.
- 2006 Queen's Golden Gaels Homecoming football game.
- Historical Queen's videos chronicling the campus of the past and including a cameo of Queen's original Boo-Hoo the Bear mascot.
- A newly released Queen's promotional video as well as videos from the School of Business, International Study Centre, and departments of Film Studies and Drama.
- Episodes of the Canadian Antiques Roadshow filmed at Grant Hall in 2005.

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## IN BRIEF

### Workshop targets lung health

Asthma and patient self-management experts Diane Loughheed (Respiratory and Critical Care Medicine) and Jennifer Olajos-Clow (Kingston General Hospital) are keynote speakers at a free patient workshop Wednesday, Nov. 29.

Those attending will get to speak about perceived barriers and make recommendations towards improving quality of care for lung health patients and their families. It takes place at the Radisson Hotel Harbourfront, 1 Johnson St., 6:30 to 9 pm. Space is limited, so registration is recommended.

Call Ward Health Strategies at 1-888-577-6201 or register online at [www.wardhealth.com/lunghealthpublicforum](http://www.wardhealth.com/lunghealthpublicforum). Parking will be provided.

### Ibsen play runs to Dec. 2

Student and Canadian Idol finalist Elena Juatco and alumnus Matthew Gibson star in Theatre Kingston production of *The Master Builder* by Henrik Ibsen (adapted by director and Drama professor Craig Walker; lighting design by Drama professor Adair Redish) at the Wellington Street Theatre until Saturday, Dec. 2. Curtain rises at 8 pm nightly.

The *Master Builder* spins the tragic tale of Halvard Solness, an ambitious architect who has, wittingly or otherwise, sold his soul to achieve his power, and who now must face the shadows that haunt him. Theatre Kingston commemorates the centenary of Ibsen's death with a production of this semi-autobiographical psychological thriller, widely celebrated as a masterpiece of the playwright's career.

For tickets (\$22 adult, \$18 senior, \$12 student/child) call 613-530-2050 or visit [www.grandtheatre-kingston.com](http://www.grandtheatre-kingston.com)

## Resource centre fosters strong bonds between teachers, faculty

By KAY LANGMUIR

The Faculty of Education's Teacher Resource Centre – a treasure trove of teaching materials for the use of regional school teachers – is proof of what can be accomplished when strong bonds exist between the professors and the profession at large.

"We're unique," says Donna Lynch, librarian for the Teacher Resource Centre, which celebrates its 10th anniversary on Thursday, Dec. 7 with a cake-cutting celebration at the ground-floor facility at Duncan McArthur Hall.

"Nobody else is doing this in a university setting."

What the faculty and four southeastern Ontario school boards did in 1996 was downright revolutionary.

"It was before people were doing a lot of this amalgamation," she says.

Perennially strapped for money and supplies, the four boards pooled their resources to support a central resource library housed at Queen's.

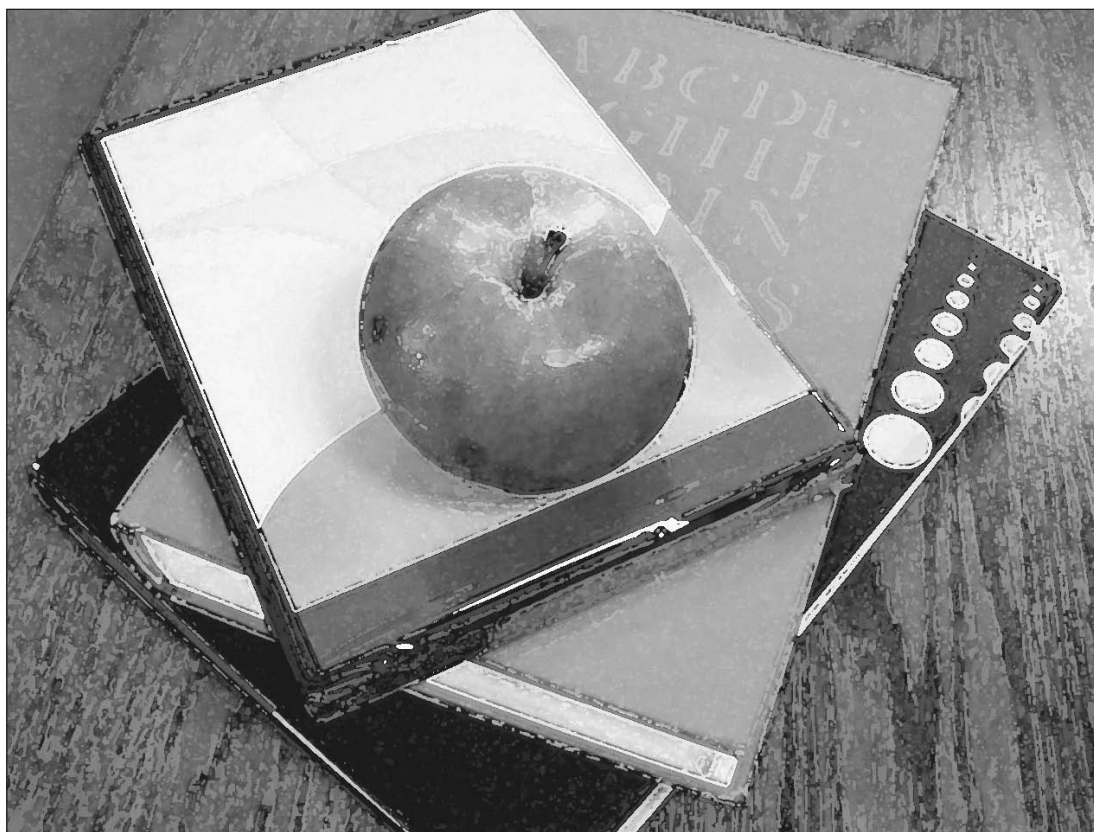
The four boards later merged into two – Limestone District School Board and Algonquin and Lakeshore District Catholic School Board.

"We try to have very high quality resources that an individual school may not be able to afford," says Ms. Lynch.

The centre has about 60,000 items, including class kits, art reprints, hands-on learning materials, musical instruments, fiction and non-fiction books, and videos and DVDs for JK to Grade 12 classes.

The school boards purchase the resources, with Queen's providing library support such as acquisition, cataloguing and circulation.

The materials are primarily for the 2,500 teachers and 35,000 students at the two boards, but students can also use them in their final year of study, as well as those on placements in area



STOCK PHOTO

The Faculty of Education's Teacher Resource Centre has about 60,000 items, including class kits, art reprints, hands-on learning materials, musical instruments, fiction and non-fiction books, and videos and DVDs for JK to Grade 12 classes.

schools.

Teachers returning material communicate to staff about what worked and what did not, or what approach worked best.

**"We really try to have very high quality resources that an individual school may not be able to afford."**

Donna Lynch

"It's a great way for us to pass on knowledge to our teacher

candidates," says Ms. Lynch.

Having the resource centre located at the Faculty of Education is a way for the faculty to give something back to its associate schools, she explained, and to encourage area teachers to visit the premises.

Staff at the centre also work with the curriculum coordinators at the boards to evaluate the collection and help develop it.

"Our collection is so well used that things just wear out from use."

The library has a regular weekly courier run to each of the 120 schools in the boards to move material back and forth.

Teachers can reserve material up to a year ahead of time

online. Some items are very popular. The ukuleles for example, are booked up for a full year.

The centre also assists and promotes the development of new class materials when opportunities arise.

For example, when one teacher candidate went to Egypt for an extended stay, the centre arranged for materials to be collected for a social study kit on Egypt.

Ms. Lynch also recently worked on a committee that developed class kits, for the primary and secondary level, for children and youth with a family member in prison and related issues such as family separation.

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## Classroom walls no barrier to Continuing Teacher Education

By KAY LANGMUIR

In just six years, the Continuing Teacher Education department at the Faculty of Education has progressed from offering no courses online to being a leader in the field of Internet-based continuing teacher education in Ontario.

"This is huge in the industry, that we've been able to grow this fast in six years," says Brenda Shantz, senior registration officer for Continuing Teacher Education.

About 1,300 teachers used to come to campus from across the province each year to acquire additional qualifications. Now, with 90 per cent of courses for certified teachers offered online, about 5,700 people sit down at their computers in homes around the province and even overseas to improve and expand their teaching skills.

Fully 90 per cent of certified teachers taking courses at Queen's choose to take them online.

Only the University of Western Ontario's Faculty of Education has an online program for teachers as established and extensive as Queen's.

"We are effectively a virtual unit of the university," says Calvin Bowry, Manager of Continuing Teacher Education.

But it took focused commitment to find the money to feed that quick growth, to ensure that course offerings translated effectively to the virtual classroom, and that instructors were top notch and well prepared to teach online.

That leadership came from the Dean of Education who arrived in 2000, Rosa Bruno-Jofré.

"She took a risk in developing on online infrastructure for continuing ed," says Mr. Bowry. "She opened the door to it."

The online courses offer many of the same advantages as a classroom experience. There are chat rooms, electronic white boards, virtual lectures via streamed video, and guest speakers who hold online question and answer sessions. Pod casting options are coming this summer.

Classes are kept small, around 15 people. And they are not synchronized, allowing people to work at a time and place of their choosing, whether from an Internet café in Paris, or on the deck at the cottage. Each course is accredited by the Ontario College of Teachers and requires 125 hours of work.

There is generous support for instructors and students as they learn the ropes of e-school - a help line and help desk which keep long hours at the beginning of each session. Prospective students can also try a demo course on line. And a librarian with the Continuing Education is available to help students navigate the treasure trove of journals and other materials in the department's database.

The constant challenge with distance learning is creating a sense of community within a class group, but the Continuing Teacher Education program appears to be

surmounting this obstacle. Faculty say candidates often get to know each other so well on line that they continue to stay in touch and discuss professional issues after their courses end.

"The one thing about online courses is that no one can hide," says Sue Lloyd, coordinator of continuing teacher education. "Everyone has to participate."

Diversity comes naturally to courses that bring together teachers of varied backgrounds teaching in many locations across the province. Sometimes students are from out of province and a few log on from overseas.

**"The one thing about online courses is that no one can hide. Everyone has to participate."**

Sue Lloyd

Despite the quick growth, the faculty has been careful not to experiment on the students. They go to great lengths work out all the bugs in an electronic course before making it available. Staff and faculty do dry runs from their own home computers to ensure the course will work on a variety of home computers.

In preparation to teach online, instructors come to campus to work with staff and faculty

at the e-hub, a special facility that shows them how to best integrate technology into their teaching.

The instructors come with varying technical expertise but invariably they all leave with great enthusiasm for what they can do in an online course, says Sue Lloyd.

The faculty also conducts research to help create the most effective online teaching, says Sheila Pinchin, coordinator and online course developer for Continuing Teacher Education

"I like to think that teaching drives the technology," she says.

But part of the program's success is understanding the limits of technology, coupled with the knowledge of front line staff who take the trouble to answer inquiries personally, rather than routing calls through an automated attendant.

"Part of our success is recognizing where technology works best, and where people work better," says Ms. Shantz.

Despite their success, programs are constantly being updated and reworked as feedback is received from course participants, or when procedural changes occur at a provincial level.

The faculty's expertise in distance learning has even been sought out by corporations struggling to keep employees in international offices updates on production methods, says Calvin Bowry.

## IN BRIEF

### Queen's and community



Jonker

Teaching and Learning Chair Leo Jonker will reflect on the role of community in the university in a public lecture on Monday, Dec. 4 at 6 pm in room 1101

Biosciences. A reception will follow in the atrium.

Dr. Jonker will discuss how community can affect the classroom experience; how it can be used to motivate and support learning and how attention to community in teaching and learning can build a sense of social responsibility. He will also discuss the special nature of the communal activity that characterizes a research university.

Dr. Jonker, an award-winning professor in the Department of Mathematics and Statistics, is the first Queen's University Chair in Teaching and Learning. The designation recognizes professors who have a record as excellent teachers who have demonstrated educational leadership at Queen's and elsewhere, and who make their expertise widely available to the university community.

The lecture is free, but registration is required. Visit [www.queensu.ca/ctl/publiclecture/](http://www.queensu.ca/ctl/publiclecture/) or call 613-533-6428.

### Lecture explores Muslim "Blackface"

On Thursday, Nov. 30, Ariel Salzmann (History) will present a lecture entitled, Muslim Blackface in European Culture: Cartoons, Carnival, and Everyday Orientalism. It is presented by Studies in National and International Democracy (SNID) takes place in room B204, Mackintosh-Corry Hall, at 1 pm. Dr. Salzmann studies the Middle Eastern and Mediterranean past, with a particular interest in comparative early modern history.

[www.queensu.ca/snid/list.htm](http://www.queensu.ca/snid/list.htm)

### NEWS and MEDIA SERVICES

To inform us of your latest research findings or upcoming journal publications, call News and Media Services Writer Nancy Dorrance, 533-2869, or Communications Officer Lorinda Peterson, 533-3234.

## Staff appreciation day features Principal's Reception, awards and professional development

Staff Appreciation Day on Tuesday, Dec. 5 officially recognizes the contributions staff make to Queen's reputation of excellence.

Staff can start their day with a complimentary medium cup of coffee, tea, or hot chocolate, courtesy of Queen's administration. Until 10:45 am, just show your staff card at JDUC, Mackintosh-Corry, Botterell Hall, Biosciences, Goodes Hall, Rez Express and West Campus cafeterias.

Participate in a professional development workshop Use the Good Dishes: Finding Joy in Everyday Life, led by health and wellness expert Elaine Dembe.

The workshop will run from 10 to 11:30 am and will repeat from 1:30 to 3 pm.

To register, visit the Human Resources website at [www.hr.queensu.ca](http://www.hr.queensu.ca) and click on Employee Work & Career Support, then Course/Workshop Catalogue. If you do not have access to a computer, call ext. 32070 to register.

All are invited to the Principal's Reception in Grant Hall and applaud to applaud colleagues receiving 2006 Staff Recognition Awards from Principal Karen Hitchcock at 12:30 pm.

This year's winners are Nancy Barker, School of Computing; Linda Graham, Department of


Department of Geography; Bonnie Lawrie, Queen's University International Centre; Bonnie Livingstone, Office of Executive Director of Housing and Lynn O'Malley, Department of Sociology.

Those receiving flyers in the mail will have their names entered in the Staff Appreciation Day draw. Prizes have been donated by the senior administration, and names will be drawn in the afternoon. The list of prize winners will appear in the Gazette.



**First Annual Chalmers Rev. Dr. C. Wayne Hilliker Preaching Lectureship**  
is proud to present **Dr. Thomas G. Long**

Dr. Long is considered one of the 12 most effective preachers in North America. He is the author of widely read books on worship and preaching.



**Lecture:** Saturday, December 9th, 7:30pm  
**"Encountering the Poetic Power of Scripture"**  
 Chalmers Church (Clergy and Barrie Streets)

**Preacher:** Sunday, December 10th, 10:30am  
 (Live Radio Broadcast at CFFX 960-AM)

*Everyone Welcome*

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 Phone: 613-546-3263 ext 221  
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## VIEWPOINT

HOWARD A. SMITH



# Ethics review and Internet-based research

## RESEARCHERS NEED TO TAKE ACTION

As readers may know, all individuals and institutions receiving funding from the three major federal granting councils must comply with the Tri-Council Policy Statement (TCPS) concerning ethical conduct for research involving human subjects. At Queen's, this directive is implemented by the General Research Ethics Board (GREB) and the Health Sciences Research Ethics Board (HSREB), with both REBs requiring extensive time and paper work for every study deemed to involve humans. In this process, researchers and the REBs have often disagreed about how to put TCPS principles into practice and the limits of the REBs' often self-declared mandates. This article addresses a significant development on these issues.

*It is the view of the GREB that information taken from online sources falls under the category of human subjects research.*

With this guiding principle of its new Draft Policy for Internet Research at Queen's University, GREB has embarked on a mission to bring all Internet research under its control. Through its draft policy, which is meant to apply to HSREB as well, GREB intends to force the ethics review of all Internet-based research that does not meet its own extraordinary exemption criteria. Why this extreme declaration? What else does the draft policy proclaim? How should researchers respond?

In September, a secondary administrator in Education sidelined EREB (Education's unit REB) by appealing directly to GREB to force the ethics review of a graduate student's Internet-based study. The student proposed to conduct a content analysis of material posted to a public web forum without any intervention or human contact. Members of the student's thesis committee maintained that, because the research did not involve human subjects, it was beyond GREB's mandate as specified by the TCPS. In response, GREB quickly created a sweeping draft policy that it tried to apply to the student's research both retroactively and without formal approval. Because of GREB's action, this draft policy can now be considered to exist in the public domain and to be pertinent to all Internet-based research at Queen's.

**Internet Research:** *This category of research is defined as that which involves the use of any material collected from online sources ...*

So runs the definition of Internet research in the draft policy. However, it permits the exemption of Internet-based research from ethics review only if all nine of its so-called exemption criteria are met. The final three of these exemption criteria follow.

7. *The name of the website will not be identified in any presentations or publications. The general type of website can be discussed as long as the specific website cannot reasonably be identified from the description.*

8. *Identities of users (including nicknames and pseudonyms) must be disguised in any presentations or publications of the research works.*

9. *Verbatim quotes will not be used in any presentations or publications. Paraphrasing and coded characterization is acceptable.*

I have just violated both exemption criteria 8 and 9 and should now submit my research posthaste to GREB for ethics review. Although I satisfied exemption criterion 7 by not revealing my Internet source, this action runs counter to established referencing procedures used by the hundreds of researchers at Queen's who cite online sources every day. Ergo, ethics review for every such case. These exemption criteria apply as readily to online journals and archives as they do to data banks such as Statistics Canada. Hence, the ethics review of quantitative studies is required if numbers are spoken or exact values are used. Presumably, ethics review is not required if ranges of numbers (e.g., 300-350) are presented instead of exact quotes (e.g., 323). To avoid ethics review, the website from which the data are drawn "will not be identified" (exemption criterion 7). The draft policy's disparagement of the TCPS guidelines by demanding innumerable senseless ethics reviews displays lack of understanding of how the Internet world functions, especially when so many organizations now function almost exclusively via the Internet. The TCPS itself states, "Effective 2003, the electronic version of the TCPS constitutes the official version of the policy document." (Note my ongoing violations of the draft policy.) It goes well beyond the spirit of the TCPS guidelines, shows substantial violation of academic freedom, and cripples the ability of teachers and researchers to function effectively at this university.

A second area of concern involves GREB practices. From Section 4 of the TCPS on Conflicts of Interest: "The REB must act independently from the parent organization. Therefore, institutions must respect the autonomy of the REB ..." GREB was too responsive to external pressure to consider the aforementioned student's case in a reasoned and reasonable manner, and then vastly exceeded its mandate by claiming the entire Internet as its domain. The result is an offensive (to researchers) draft policy that needs immediate attention and action.

I hope readers take the time to read the draft policy and to arrive at their own conclusions. It is available from GREB (Chair: Joan Stevenson), whose members would be pleased to hear from you, I am sure. So would the Queen's University Faculty Association (Contact: Phil Goldman), which is now monitoring the situation.

Howard A. Smith is a professor in the Faculty of Education.



LIZ GORMAN

Isabel Bader embraces her husband, Alfred Bader at an 80th birthday dinner in her honour at Herstmonceux Castle. The long-time Queen's benefactors donated the castle estate to the university in 1993.

## In celebration of Isabel

It was a wonderful two days! A celebration, not for once of Alfred, not even of Alfred and Isabel, but – for two "enchanted evenings", as her theme song captured on more than one occasion – of Isabel alone. Nov. 1, 2006, was Isabel Bader's 80th birthday.

It began softly, with an informal tea party on the afternoon of her birthday, bringing together just a small number of Isabel's close friends in the charming, panelled intimacy of the Castle's Drummer's Room...

Later, that evening, a marvelous ballroom extravaganza of musical tribute took place, attended by students, faculty, staff, visitors from Queen's and Friends of the Castle, richly orchestrated by the International Study Centre's (ISC) Musicians-in-Residence, Diana and Shelley Katz. They had arranged a splendidly diverse array of much of Isabel's favourite music, performed by Diana, Shelley, their friend and internationally-renowned tenor, Andrew Forbes-Lane, ISC student pianist,



DAVID BEVAN

### Notes From Herstmonceux

Heather Doi, John Burge, pianist, composer and HOD of Music at Queen's, supported and framed by the largest ISC choir ever – of 72 voices!

However sentimental it may sound, the emotion and affection in the packed ballroom were palpable, and there were few truly dry eyes at the end as Principal Karen Hitchcock captured the moment perfectly, enveloping Isabel in a hug so fulsome that it also embraced everyone else in the room! It was altogether an extraordinary evening in which Isabel received, quite clearly, that gift of generous love

she has long showered on the ISC and all who have been part of it.

A few hours respite and the warmth and feelings were charged once more the next evening at a small, exquisitely presented and catered birthday dinner in the castle. Isabel was again fêted and given presents from both the ISC (a delightful stained-glass box made by recent ISC first-year, Emma Arenson) and Queen's Kingston (an elegant antique document box containing selected memorabilia connecting Isabel to Queen's).

The evening closed in the Elizabethan Room with champagne and birthday cake, as Diana Katz crystallized the mood of the moment with a fleeting and wistfully romantic cappella from the balcony. Below, glowing, Isabel and Alfred embraced...

The happiest and most deserved of birthdays, Isabel!

David Bevan is executive director of Queen's International Study Centre at Herstmonceux Castle, East Sussex,

## Bones in the library!

Earlier this year, the Bracken Health Sciences Library entered into a partnership with the Department of Anatomy and Cell Biology to offer campus-wide access to the Gross Anatomy and Histology Image Catalogue (GAHIC).

The brainchild of Stephen Pang, GAHIC is an extensive collection of detailed images created on-site, and designed to aid in the study and understanding of human anatomy and histology. Besides supporting the study of life sciences, medicine, nursing and rehabilitation therapy at Queen's, the collection has also been made available in the past to students at other institutions in such fields as criminology, police and firefighter studies.

The collection is constantly growing, with Dr. Pang and his group adding images to increase the scope of the collection and support the teaching and learning requirements of all users of the database. GAHIC can be searched by keyword or browsed by anatomical region, system or histology. Many of the images are also tagged to provide detailed information for the viewer.

Previously, the database was made available to students in the



BRETT WAYTUCK

### Library Now

Faculty of Health Sciences on a personal subscription basis. Recognizing opportunities to increase accessibility to the database across campus, reduce the administrative burden for both the department and students, and promote the resource at a national-level Bracken Library and the GAHIC group entered into a one-year test partnership. Expanded access has already resulted in increased interest in the database, with applications evident for students in Law, Fine Arts, Kinesiology and Applied Sciences. If you're working in one of these areas, or just if you're curious (or considering taking up crime-scene investigation), and would like to see

GAHIC, visit the Bracken Library multimedia page ([library.queens-u.ca/webmed/resources/multimedia.htm](http://library.queens-u.ca/webmed/resources/multimedia.htm)).

As part of the partnership, the library provided the subscription costs needed to maintain and develop the database, opened access to everyone at Queen's and is working with Dr. Pang to market GAHIC to universities and colleges across Ontario and Health Sciences faculties nationwide. Dr. Pang and Bracken librarians Suzanne Maranda, Anne Smithers and Brett Waytuck are also working together to ensure that the images' copyright continues to be secure while allowing for the greatest possible use in teaching, learning and research.

Such innovative partnerships are not restricted, however, to this one resource. If you have developed a learning resource that would benefit the larger Queen's community and would like to explore the possibilities of making it more widely available, talk to your librarian. We may have some interesting solutions for you!

Brett Waytuck is Head, Public Services & Education at the Bracken Health Sciences Library.



# Patent *and* publish

## A STUDENT'S THESIS NEED NOT JEOPARDIZE PATENTABILITY

I was sitting in an inventor's sunny office the other day, discussing an international patent application that we at PARTEQ are preparing to file with the Canadian Intellectual Property Office next month.

Unexpectedly, a colleague dropped by to ask about an upcoming thesis defense that is to be held on the inventor's research. When the colleague left, I asked the inventor if the invention was described in the student's thesis.

He replied, "Yes, the defense is next week." Noticing my dismay, he added, "It isn't relevant to the patent application, is it?"

In fact, it is very relevant. Naturally, one might imagine that a closed-door thesis defense before four professors would not threaten patentability because it is not open to an audience of the general public. In patent law, however, it may be considered as making the invention "available to the public". (This is particularly true for a PhD thesis defense, which is required to be open to the public.)

So, to the researcher's question: Yes, the above-mentioned thesis defense could jeopardize the opportunity to obtain a patent for that invention in all but three countries worldwide.

Commercial success of a research discovery hinges on obtaining patent protection, a patent being an exclusive monopoly to an invention. While three countries (Canada, U.S., and Philippines) allow submission of a patent application within one year after the invention is made available to the pub-



ANGELA LYON

'TEQ Talk

lic, other countries require that the invention be absolutely novel on the day a patent application is filed. That is, to be patentable, an application for patent must be filed before the invention is made available to the public.

**If you believe that your research has commercial potential, you should consider whether any planned activity relating to the research would result in it becoming available to the public.**

Other examples of "available to the public" include an online conference abstract; a departmental seminar; a published thesis; even a description contained in a book sitting on a dusty library shelf in Siberia – this is the case even if we could prove

that that the book has never been opened!

Another example involves fourth-year undergraduate students. To complete their course requirements, each student presents a poster and/or oral presentation, which can make exciting discoveries available to the public. Such presentations have the potential to start the one-year-to-file clock ticking in the three countries discussed above, and to cause the loss of patentability in all other countries.

In the case of the invention mentioned above, it is a defense of a Master's level degree, and now that we know about it in advance, we plan to put confidentiality agreements in place to prevent the invention from being considered made available to the public in the eyes of patent law. This enables us to file the international patent application next month as planned, and yet allows the defense to proceed without delay.

If you believe that your research has commercial potential, you should consider whether any planned activity relating to the research would result in it becoming available to the public.

My colleagues and I at PARTEQ Innovations would be pleased to assist you in this evaluation, and in pursuing patent protection, if appropriate.

When shaking a student's hand to congratulate him or her on a successful defense – don't kiss good-bye to an invention's patentability!

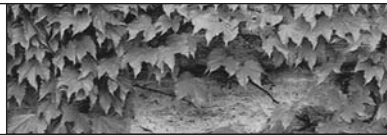
Angela Lyon is an MSc graduate in Chemistry at Queen's and a technical specialist, patents, at PARTEQ, the technology transfer office at Queen's. She continues to work towards becoming a registered patent agent in Canada.



MARY ANNE BEAUDETTE

Angela Lyon provides patent assistance to researchers.

## UNIVERSITY ROUNDUP



### Scholar ship cruising

Miami-based Royal Caribbean Cruises has joined with six universities around the world to launch an on-board international studies program next fall. The nautical venture will take 600 students and 200 faculty on a 16-week academic voyage to ports in Portugal, Tahiti, Australia and China. Tuition is about \$20,000 per semester, but there is a \$2-million scholarship fund for the coming academic year. Participating universities are the University of California at Berkeley, Macquarie University in Australia, Fudan University in China, Tecnológico de Monterrey in Mexico, Al Akhawayn University in Morocco and the University of Ghana in Africa.

*Miami Herald, Nov. 14*

### We're number nine

Canada has dropped from fifth to ninth place among preferred countries for international students, it was reported recently at the 40th anniversary conference of the Canadian Bureau for International Education. One explanation suggested for this decline is more aggressive recruitment from other countries, including China. Delegates to the conference expressed concern about maintaining international enrolment levels and campus diversity.

*Chronicle of Higher Education, Nov. 17*

### Bristling in Britain

British undergraduate students are drawing up "charters of consumer rights," detailing their expectations of universities, including more contact time with lecturers and increased resources. The move resulted from a recent national poll that revealed anger among first-year students that they receive the same education as their older peers, but pay far more. The student rights charters would act like a warranty, says the National Union of Students. First to be targeted will be universities planning to ask undergraduates to sign contracts promising to turn up for lectures.

*The Observer, Nov. 19*

### A First Nations first

The University of New Brunswick, the Metepenagiag Mi'kmaq Nation, and Metepenagiag Heritage Park Inc. have signed a memorandum of understanding to advance archaeological investigation of the Augustine Mound and Oxbow National Historic Sites. Two of the most significant archaeological sites in eastern Canada, they will be the centerpieces of a proposed heritage park to open next June. This is the first time in Atlantic Canada – and possibly in the country – that a First Nation community has signed an agreement with an academic institution. UNB's archaeology lab in Fredericton will be upgraded to support the project.

*University of New Brunswick News, Nov. 20*

### Cell phone 010

In what is believed to be the first of its kind in the U.S., Boston University has partnered with Amp'd Mobile to create a course that teaches students how to make films entirely shot by, and viewed on, cell phones. The class is promoted as "the cutting edge of a new media culture in which anyone can create, distribute, and view video using a variety of emerging technologies." Course assignments will eventually be distributed by Amp'd Mobile to its cellular customers.

*ESchoolNews online, Nov. 22*

### Oil patch MBA

Strong demand from the energy industry has prompted the University of Calgary to create a master's degree program focused on the challenges of extracting dwindling oil and gas reserves. The two-year program will see its first graduates in 2008, and is offered jointly by the science faculty and the Schulich School of Engineering. The program was developed after oil and gas executives told university officials that petroleum geologists, geophysicists and engineers need more interdisciplinary skills for an industry where locating and maximizing reserves requires constant teamwork.

*Globe and Mail.com, Nov. 23*

### Boom, bust, echo ...nexters?

Called the "nexters" or the "millennials" the newest entrants to an already multigenerational workplace are technically savvy, positive team players and are adept multi-taskers – unlike their predecessors, Generation X. But they suffer from "menu-driven thinking," a reliance on technology and particularly Google for the answers to all problems. New techniques will be required for managing nexters in the workplace, particularly by assuming the role of "helicopter parent" and leveraging the attributes of these young workers through mentoring, training and career development.

*CASE Currents November/December*

Compiled by Nancy Dorrance



## IN BRIEF

## University's research income drops

Along with many other Canadian universities, Queen's sponsored research income dropped in 2005. According to the recently released Canada's Top Research Universities List, research income growth overall slowed dramatically last year. Total sponsored research income, which includes both government and non-government sources, saw the smallest increase in six years, growing by only 3.2 per cent to \$5.2 billion from \$5 billion in 2004.

Queen's saw a decline of 11 per cent compared to -22.2 per cent for McGill and an increase of 13.6 per cent for the University of Toronto.

"These rankings provide an important snapshot of university research funding over fixed periods," says Vice-Principal (Research) Kerry Rowe. "But they should be interpreted within the context of overall growth in research investments. For example, federal funding for research has essentially doubled since 2000."

## PARTEQ forms alliance with U of T

PARTEQ Innovations and University of Toronto's Innovations at U of T (IUT) have formed a strategic alliance directed at commercializing discoveries generated by university research.

The new alliance, which will initially involve the respective universities' technology transfer offices, will work jointly towards a shared goal of enhancing Ontario's overall research commercialization capacity. The focus will be on finding, funding and developing research discoveries with commercial potential.

The partners describe their approach as an extension of the Ontario Commercialization Network, recently established by the Ontario Ministry of Research and Innovation.

"This alliance is recognition that when it comes to commercializing research, none of us can do it all," says John Molloy, president and CEO of PARTEQ. "It's acknowledgment that by calling on one another's strengths as opportunities and needs arise, we all become more effective."

## CSC recognizes Brown, Wang

Stan Brown, professor of organic chemistry, and Suning Wang, professor of inorganic and organometallic chemistry, have been recognized for distinguished contributions to the chemistry field with the 2007 R.U. Lemieux Award and the Alcan Award from the Canadian Society for Chemistry (CSC), respectively.

The Lemieux Award goes to a researcher who has contributed to an area of organic chemistry, while the Alcan Award recognizes contributions to the field of inorganic chemistry or electrochemistry.

A Queen's Research Chair, Dr. Wang is internationally renowned as a synthetic molecular chemist. Work by Dr. Brown, who recently received the Queen's Prize for Excellence in Research, has been incorporated into textbooks at graduate and undergraduate levels. He was voted 2006 "Professor of the Year" by the fourth-year graduating class in chemistry.

## MORE CONCERN IN U.S. THAN CANADA ABOUT ANTI-TERRORISM LAWS, SURVEY SHOWS

By SARAH WITHROW

Almost half of Canadians and even more Americans say that they find new laws aimed at protecting national security post 9/11 intrusive.

This is just one of the wide-ranging findings of a survey on the surveillance and privacy attitudes and experiences of 9,000 people in eight countries initiated by the Queen's-based Surveillance Project. The multi-disciplinary group is studying the Globalization of Personal Data (GPD) and the surveillance associated with that flow – by governments, employers, and via technologies like personal computers, biometrics and global-positioning systems – on ordinary people.

"We are seeing a high level of concern in many parts of the world about the intrusiveness of these post 9/11 laws," says lead researcher Elia Zureik (Sociology). "Fifty-seven per cent of Americans and 47 per cent of Canadians said that these laws are intrusive. These findings resonate with the recent Ontario Supreme Court ruling about the unconstitutionality of parts of Bill C-36, the anti-terrorism legislation in Canada."

It is believed to be the first cross-cultural study of its kind that explores relationships between attitudes and experi-



BERNARD CLARK

Surveillance Project co-investigators Elia Zureik, Yolande Chan, and David Lyon have conducted an international survey on public attitudes toward surveillance issues.

ences, and how much people trust corporations and governments to handle personal information, including the sharing of such information with third parties, says Dr. Zureik.

Funded by the Social Sciences and Humanities Research Council of Canada (SSHRC), the survey included nearly 50 questions on participant's attitudes about issues such as consumer surveillance, racial profiling at airports, national ID cards, media coverage of surveillance issues, work-

place privacy, knowledge of privacy regulations, control over personal data and public trust in government.

The answers reveal a variety of cultural commonalities and differences culled from participants in Canada, the U.S., China, France, Spain, Hungary, Mexico and Brazil. Except for the survey in China, which was carried out by the Deputy Director of the Chinese Academy of the Social Sciences, the surveys were carried out by Ipsos Reid.

"We have learned that there is an urgent need to educate the public about the complexities of the information age, to demand organizational and governmental accountability with regard to handling personal data, and to develop appropriate theory to explain and predict flows of personal data and to connect this with privacy ethics and government policy," Dr. Zureik says.

[www.queensu.ca/sociology/Surveillance](http://www.queensu.ca/sociology/Surveillance)

## SNO scientists win first Polanyi Award

## QUEEN'S-LED EXPERIMENT SOLVED A 30-YEAR SCIENTIFIC CONUNDRUM

By NANCY DORRANCE

Scientists from the Queen's-led Sudbury Neutrino Observatory (SNO) are the first winners of the prestigious John C. Polanyi Award. Valued at \$250,000, the

new award will be presented annually by the Natural Sciences and Engineering Research Council (NSERC).

"Queen's is proud to have been a founding partner in the SNO experiment, which has answered fundamental questions about the basic laws of physics and the energy generation processes in the sun," says Principal Karen Hitchcock. "It is particularly fitting that one of the most significant Canadian

research projects of this decade is being recognized with the inaugural prize named in honour of Nobel-laureate John Polanyi – one of Canada's most recognized and respected scientists."

The award recognizes the excellent work by a great international team of scientists and dedicated laboratory staff members, says SNO director and Queen's Physics professor Art McDonald.

"We have reached the end of this measurement phase using

the unique properties of heavy water to detect neutrinos from the sun. In the latest operational phase we have used very sensitive detectors provided by our US colleagues to improve the accuracy of our previous results."

In the world's deepest underground laboratory at Inco Ltd.'s Creighton nickel mine near Sudbury, Ont., the SNO team from 14 different universities and research laboratories discovered that solar neutrinos – tiny subatomic particles produced in the core of the Sun and considered the basic building blocks of the universe – change into other neutrino types en route to Earth. The international journal *Science* ranked this discovery, which solved a 30-year scientific conundrum – as the second-most important scientific breakthrough in the world in 2001.

Recipient of the 1986 Nobel Prize in Chemistry, John Polanyi began his groundbreaking work documenting the energy status and movements of molecules at the very moment of chemical reaction. His discoveries dramatically advanced the understanding of the physics of chemical reactions and led to the development of powerful new lasers.

The expansion of the SNO laboratory two kilometres underground into an international facility for underground science – SNOLAB – began in 2003 and is on schedule for completion late in 2007. SNOLAB researchers will continue to search for previously undetected components of the dark matter thought to make up about one-quarter of the universe, as well as new properties of neutrinos.

[www.sno.phy.queensu.ca](http://www.sno.phy.queensu.ca)



COURTESY OF SNO

Scientists from the Sudbury Neutrino Observatory (SNO) have won the 2006 John C. Polanyi Award for groundbreaking research into the basic building blocks of the universe. Here, operators monitor SNO's data acquisition and electronic systems in the control room for the SNO detector.



# Thyroid cancer discovery points to new treatments, prevention

By SARAH WITHROW

The actions of a mutated protein in cells linked to thyroid cancer have been uncovered by researchers Lois Mulligan and Taranjit Gujral. Their discovery paves the way for the future development of drugs to more effectively target, treat and possibly even prevent both inherited and non-inherited thyroid cancers.

"We now know why this gene causes these tumours and can start looking at how best to tar-

get the mutant proteins so that the cells expressing them can be killed or stopped from growing," says Dr. Mulligan, a professor with the Division of Cancer Biology and Genetics of the university's Cancer Research Institute.

PhD student Taranjit Gujral (Pathology and Molecular Medicine) developed three-dimensional models of the mutated protein implicated in a condition causing cancerous thyroid tumours. The model allowed him to predict and compare the pro-

tein's molecular actions and to see that the protein was ten times more active than normal in cells associated with an inherited cancer syndrome. Also on the research team, from Queen's Biochemistry Department, are Vinay Singh and Zongchao Jia.

"It's like stepping on the gas in a car and getting way more gas than you bargained for," says Dr. Mulligan. "The mutation may cause some new actions but it chiefly does some actions more efficiently than normal."

**"We now know why this gene causes these tumours."**

Lois Mulligan

The syndrome in this study is a dominantly inherited condition – the most severe of its kind – and is characterized by the early onset of thyroid tumours, sometimes even affecting infants.

It can also cause developmental abnormalities including elongated bones, gastric problems and bumpy lips.

None of the current treatments for this syndrome is very effective. The study provides valuable tools for specific targeting of the protein actions that may aid in the development of anticancer therapies.

Funding for the study came from the Canadian Cancer Society and the Canadian Institutes of Health Research (CIHR).

# Shop with your heart, says business professor

NEW STUDY SHOWS THAT EMOTION-BASED DECISIONS LEAD TO LONG-TERM SATISFACTION

By NANCY DORRANCE

Going with your "gut feeling" when making a major purchase

isn't a bad thing after all, says School of Business researcher Laurence Ashworth. In fact, contrary to popular belief, listening to your heart when shopping can make you happier in the long run.

And emotion can play just as big a part when purchasing a house or a car as when buying a bottle of shampoo.

The results of a series of studies suggest that people make "affective" purchases – based on

their emotional reaction to a product – even when there is clear information suggesting an alternative product is better.

Surprisingly, such choices can lead to greater long-term satisfaction for important purchases.

"This is the first time that longer lasting positive effects of using emotions in important purchase decisions have been shown," says Dr. Ashworth, an expert in consumer behavior. "In

such instances, emotions make a lot of sense. People feel them for good reasons, not just inherent biases, and they can actually lead us to more satisfactory choices in the long run."

Co-authors with Dr. Ashworth on the paper are Peter Darke of UBC and Amitava Chattopadhyay of INSEAD in France. Funding comes from the Social Sciences and Humanities Research Council (SSHRC) of

Canada and R&D INSEAD.

One of the surprising findings from the study is that emotion has a strong impact on consumers' decisions to buy "high-involvement" products. These are products that are important to them, typically due to a high price tag or the way the product relates to their self-image. It is much more widely accepted that emotions affect the purchase of low-involvement items as consumers tend not to think about the decision as carefully.

This research challenges existing assumptions that consumer decisions based on feelings are erroneous or impulsive choices that the buyer often regrets in the long term, says Dr. Ashworth. So-called "impulse buying," where people feel an overwhelming urge to buy something immediately, despite knowing that they shouldn't, is a different kind of behaviour, he explains.

**"In such instances, emotions make a lot of sense."**

Laurence Ashworth

"With impulse buying, emotions clearly are a bad thing!"

The studies involved both real-life situations, where data was collected from people making actual purchases, and more controlled experiments in which emotions unrelated to the product were created artificially.

"I think it is legitimate for marketers to point out the emotional benefits of a product – since as we've shown that can lead to long-lasting satisfaction," says Dr. Ashworth. "But there is obviously potential for abuse of consumers here as well."



STEPHEN WILD

School of Business professor Laurence Ashworth (getting the keys from Ace Auto salesperson Tim Renolds) has discovered that emotion-based decisions, even on important purchases such as cars, can lead to long-term satisfaction.

# Ten professors granted Early Researcher Awards

Ten promising young professors, working on projects ranging from how speech perception changes with aging to new tools for assessing obesity and the growth of cartilage tissue, will receive Early Researcher Awards from the provincial government.

More than 100 researchers working at 22 universities across the province have been awarded \$100,000 as part of a new program to keep outstanding academic talent in Ontario. Their institutions will contribute \$50,000 to each recipient.

"Ontario's Early Researcher Awards program is helping Queen's to attract and retain exceptional early career

researchers," says Vice-Principal (Research) Kerry Rowe, "but it's also a win-win for Ontario taxpayers. The program strengthens Ontario's economic advantage in key economic sectors while also contributing to the well-being of Ontarians. The research programs of these recent recipients show great promise for making important contributions to human health, leading-edge nanotechnologies, cost-saving innovations in municipal infrastructure, and furthering our understanding of global climate change."

Queen's recipients of Early Researcher Awards are:

**Anne Petitjean** (Chemistry), whose research focuses on bio-

targeting nanodevices that aim to change the shape of DNA.

**Robert Knobel** (Physics), who leads a team that will use nano-electrico-mechanical systems at low temperatures to study the quantum limits of measurement.

**Xiaolong Yang** (Medicine), who will explore the roles of a novel tumour suppressor gene, LATS1, in cell activity during the formation and invasion of tumors.

**Stephen Waldman** (Chemical Engineering/Mechanical and Materials Engineering), who will develop functional tissue that can be used to repair cartilage defects, and avoid the use of synthetic joint replacement devices such as artificial knees and hips.

**Derek Pratt** (Chemistry), whose research looks at the oxidation of biological molecules that generally involves free radicals, to develop a means of controlling or preventing these reactions, for both medical and industrial purposes.

**Ian Janssen** (Kinesiology and Health Studies), whose team will develop new assessment tools built on current practices such as Body Mass Index (BMI) and waist circumference.

**Stephen Hughes** (Physics), whose research team will carry out fundamental investigations of optical processes in advanced nanoscale materials and explore the consequences of these for next-

generation photonics technologies.

**Paul Grogan** (Biology), who is contributing to models aimed at predicting how the carbon balance of Canada's northern ecosystems will respond to climate change.

**Ingrid Johnsrude** (Psychology), who leads a team that will use magnetic resonance imaging (MRI) to study how speech is processed under difficult, i.e. noisy, conditions.

**Amir Fam** (Civil Engineering), who is developing a new generation of infrastructure to address the corrosion problem using non-corrosive fibreglass tubes filled with concrete. The research will evaluate this system to develop new design guidelines.



## Break up the Liberal 'old boys club'

The traditional electoral success of the Liberal party results from the votes of women: Volunteer work within the Liberal party is largely done by women. Yet, in the Liberal leadership contest, only the spirited Martha Hall Findlay is still in the race.

As thousands of Liberals prepare to meet in Montreal to choose a new leader and debate party renewal, a critical question must be answered: What needs to change in the Liberal party for women to assume real positions of influence?

Politics is still a bastion of the "old boys' club."

Women have made remarkable progress over the past generation in areas like university admissions. But two power centres still remain largely closed – corporate and political boardrooms.

The despicable targeting of Belinda Stronach in recent weeks is an illustration of the "old boys' club" at work.

Ms. Stronach was allegedly

called a "dog" in the House of Commons, then "bitch" by Norman Spector, a former PMO aide and ambassador, who should know better, and finally, Ralph Klein waded in with an obscene "joke" that only proved that he should have resigned years ago.

Ms. Stronach, then, has had to endure this "joke" being repeated ad nauseam by every newspaper, because it was deemed "news."

Had these denigrators used racial or ethnic insults, there would be demands galore for their resignations. Yet, there has been little outcry over the smearing of Ms. Stronach.

Why is it acceptable in our political class to declare an open season on women?

Women make up 51 per cent of the population of Canada, but only 20 per cent of the federal Liberal caucus. In the Commons as a whole, 64 women MPs were elected in 2006, one fewer than in 2004.

Women running for the



**TOM AXWORTHY**  
Expert Outlook

House have fallen from 476 in 1993 to 373 in the last election.

Canadians pride themselves on how well we do in various international rankings. But on the measure of women in legislatures, Canada ranks only 42nd.

Canadians, for example, are in Afghanistan fighting for democratic equality, but the Afghan legislature has 27 per cent female membership, while our House of Commons has 21 per cent! Who needs to learn

a lesson from whom?

Anne McLellan, chair of the Women's Task Force for the Liberal Renewal Commission, is the kind of dynamic woman who should have been a leadership candidate. She has called on the Liberal party to commit to the goal of having 50 per cent female candidates.

Stephane Dion has promised that if elected leader, at least 33 per cent of his candidates in the next election would be women.

Bob Rae has a proven record of promoting women from when he was premier of Ontario. But such pledges must be reinforced by institutional changes that will force the party to walk the walk, as well as talk the talk.

Canadian parties are voluntary organizations. But they are largely financed by taxpayers.

If parties accept the public's money, they must also abide by national values, such as the Charter of Rights' guarantee of gender equity. The party financing for-

mula should be structured either to penalize parties that do not run at least 50 per cent women candidates, or give additional resources to parties that do so.

The party also has a tradition of alternating French and English leaders. It should also adopt the practice of alternating male and female party presidents. I worked with Iona Campagnolo, a vigorous party president, who also should have run for leader. But so far, she is the only woman to have held that position.

At the leadership convention, every candidate will be discussing child care, health policy, and human security. The best way of ensuring that such promises are realized is to have a House of Commons with at least half its members female.

Thomas S. Axworthy is the chair of the Centre for the Study of Democracy at Queen's University. This article appeared recently in the Toronto Star.

## Experts address surveillance, banning the burka and Borat

### QUEEN'S IN THE NEWS

Highlights of Queen's experts in the media

Nov. 7 – Nov. 20



Aiken



Bala



King



McDonald



Salzmann



Zoutman

Emeritus professor **Elia Zuriek** (Sociology) receives extensive national coverage for the Surveillance Project's research on international attitudes toward surveillance, including in the *Globe and Mail*, *National Post*, *Toronto Star*, *Ottawa Citizen*, *Montreal Gazette*, *Halifax Chronicle Herald*, *Edmonton Journal*, *Kingston Whig-Standard*, *Canada AM*, *CBC-TV's* the *National* and *NewsWorld* and *Global National-TV*.

**Ariel Salzmann** (History) comments in the *Globe and Mail* about the Dutch government's move to ban full-length veils and other clothing that covers the face.

**Ian Janssen** (Kinesiology and Health Studies) discusses obesity among Canadians in the *Globe and Mail*.

**Sharon Goodspeed** (Business) discusses a seminar she led about lifestyle skills, including dressing well, in the *Globe and Mail*.

**Ross Finnie's** (Policy Studies)

research that tracked the international mobility of Canadians from 1982 to 2003 is highlighted in a *CanWest* story that appears in the *National Post*, *Victoria Times Colonist*, *Montreal Gazette*, *Calgary Herald*, and *Edmonton Journal*.

**Art McDonald** (Physics) discusses the inaugural John C. Polanyi Prize presented to him and his team in a *CanWest* story that appears in the *National Post*, *Vancouver Sun*, *Calgary Herald*, *Ottawa Citizen*, *Edmonton Journal*, and *Kingston Whig-Standard*.

**Asha Varadharajan** (Women's Studies) comments in the *National Post* on multiculturalism in Canada.

**Sharry Aiken** (Law) discusses undocumented migrants working underground in Canada in the *Toronto Star* and *Kitchener, Cambridge and Waterloo Record*. She also discusses the newly announced measures for the temporary foreign worker program on *CBC-French TV*.

**Tom Axworthy's** (Policy Studies) opinion pieces about women in liberal politics, and income trust appear in the *Toronto Star*. He also discusses reasons for low voter turnout in the *Toronto Star*.

**Samantha King** (Kinesiology and Health Studies) continues to receive coverage on the corporatization of breast cancer, most recently in the *Toronto Star*.

**David Gordon** (Urban Planning) offers ideas for creating a more beautiful Canadian capital that shows off our national culture in the *Ottawa Citizen*. He also appears on *A-Channel* news to discuss Ottawa's urban plan to mark World Town Planning Day.

**Douglas Reid** (Business) comments about British Airways fare strategy in the *Calgary Herald*.

**Denis O'Donnell** (Medicine) continues to discuss women's symptoms for COPD, most recently in a *Canadian Press* story that appears in the *Edmonton*

*Journal* and on *cbc.ca*.

**Jason Laker** (Student Affairs) continues to comment about students' transition into post-secondary education most recently in the *Toronto Sun*.

Emeritus professor **Stewart Fyfe** (Political Studies) discusses the change in Kingston's city council on *CBC-Radio's* *Ontario Morning* and in the *Kingston Whig-Standard*. He also discusses the challenges that women face in politics on *Ontario Morning*.

**Howard Coombs** (History) discusses the significance of Remembrance Day in Canada in the *Kingston Whig-Standard*.

**Dick Zoutman** (Pathology) comments on keeping *C. difficile* under control in the *Kingston Whig-Standard*.

**Lois Mulligan's** (Pathology and Molecular Medicine) research on thyroid cancer is highlighted in the *Kingston Whig-Standard*.

**Lillian Allen** (English) is featured in the *Kingston Whig-Standard* as the brainchild of the *Dub Poetry Festival*.

**Betsy Donald** (Geography) comments about a third crossing over the *Cataraqui River* in the *Kingston Whig-Standard*.

**Nick Bala** (Law) discusses implications for cancelling a building contract in the *Kingston Whig-Standard*.

**Bruce Gilley** (Political Studies) discusses *Canada-China* relations on *CBC* syndicated radio stations across Canada, including *Ontario Morning*, *Ottawa*, *Victoria*, *Vancouver*, *Edmonton*, *Cornerbrook*, *Yellowknife*, and *Saint John*.

**Kieran Moore** (Emergency Medicine) discusses the flu vaccine and ways that the flu virus spreads on *CBC-Radio's* *Ontario Morning*.

**Marc Griffin** (Film Studies) discusses box office controversy over the recent success of *Borat* on *CBC-Radio's* *National News*.

**Allan English** (History) appears on *CKWS-TV* to discuss post-traumatic stress disorder and war.

**Vernon Quinsey** (Psychology) discusses Kingston's homicide rate on *CKWS-TV*.

**CANADIAN CLUB OF KINGSTON**

Luncheon meeting: noon, Thursday, December 14  
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 Queen's University

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## Technology growth prompts creation of security position

George Farah recently joined the university in the newly created position of Information Systems Security Manager, charged with ensuring the proper supports are in place to protect the privacy and integrity of the university's electronic information. Here, Mr. Farah answers some questions posed to him by the Gazette.

**Why has this position been created and what is its significance?**

With the pervasive use of information technology in support of the mission of the university and the increased complexity associated with the protection of our electronic information resources in our networked environment, heightened attention to information technology security is critical. This Information Systems Security Manager position was created to provide campus-wide leadership and support in ensuring the privacy and integrity of the electronic information of the university.

**Is this position in keeping with what other universities are doing in the area of IT security, or is Queen's ahead of the game?**

The creation of a dedicated role in the area of information systems security is consistent with best practices at other universities and other large organizations. Queen's has had an identified role for systems security as part of Andy Hooper's position as IT Services' Manager of Systems and Operations. However, it has become clear that information technology security cannot be managed on a part-time basis and that effective campus wide leadership requires dedicated focus and resources.

**Is security becoming an increasingly important issue at universities?**

Information security has always been an important issue at universities. Historically, the risks of exposure and the impact of those risks were significantly less than they are today. We now have so much electronic information,



STEPHEN WILD

George Farah makes a point at a recent information session for Departmental Computing Representatives.

and this information is so widely distributed on systems, desktops and laptops across campus that security controls applied at the historic mainframe or server level are not sufficient. Information security is not just an IT issue and effective management of it requires the participation from all stakeholders across campus. This new position of Information Systems Security Manager will be a catalyst for this approach.

**Does this position have implications for other security aspects at Queen's beyond IT?**

The core of the position is about IT systems security and an element of that is related to physical and environmental controls of information systems. In addition, this position will be

working very closely with other campus units responsible for broader campus security. Examples include working with Campus Security by providing IT assistance in their activities, assisting the Department of Risk Management and Audit Services, where required, or participating in disaster planning or pandemic planning with Environmental Health and Safety.

**Although it is early in your tenure at Queen's, would you comment on some of your early priorities?**

Some of my immediate efforts are focused on campus-wide outreach with others responsible for information systems security. This process of information gathering will complement the recently conducted

IT Controls Assessment and help identify priorities for the next year. Some of our immediate priorities include the development and delivery of information systems security awareness and training, the development of a systems security architecture, and the integration of risk assessment methodologies in our IT practices to ensure informed decisions regarding information systems security.

**With regard to your background, would you describe in layperson's terms what you did at Empire Life and IBM in Toronto? What experiences will you bring from your previous positions that are applicable to your new position at Queen's?**

My expertise is spread across

a wide spectrum of IT security areas. These include developing and implementing IT security awareness plans and defining security requirements for the protection of information, applications, communication and networks. My experience also includes development and implementation of security policies and standards, work in the area of enterprise risk management, business continuity and disaster recovery planning and the development of enterprise IT security operations. Along with a broad IT security background, I have experience with the impact of legislation on information technology and the protection of electronic information that will enable me to provide leadership in this area as well.

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## IN BRIEF

### Four Directions presents

Richard Porter and Barbara Hooper will discuss Medicines/Bundles this Tuesday, Nov. 28 at 5:30 pm at the Four Directions Aboriginal Centre, 146 Barrie St. All are welcome and admission is free.

Bring your own brown bag dinner, Tea, coffee, juice and water will be available. Details: Heather Green 613-533-6970.

### Star gaze at Ellis Hall

All are welcome to the Saturday, Dec. 9 Physics and Kingston RASC open house at the Queen's Observatory at Ellis Hall, University Avenue. It runs from 7:30 to 9:30 pm. Weather permitting, visitors will look at planets, stars, star clusters, nebulae, and galaxies through several telescopes. Queen's astrophysicist Larry Widrow will deliver a short talk entitled MACHOs, WIMPs, and the Search for Dark Matter. [observatory.phy.queensu.ca](http://observatory.phy.queensu.ca)

### NEWS and MEDIA SERVICES

To inform us of your latest research findings or upcoming journal publications, call News and Media Services Writer Nancy Dorrance, 533-2869, or Communications Officer Lorinda Peterson, 533-3234.



Health sciences students and faculty help children and their parents learn more about inter-professional teamwork at a recent event at the Cataraqi Town Centre.

### Health sciences students and faculty promote teamwork

More than 100 children, along with their parents, learned about the value of inter-professional teamwork in achieving good health at a recent outreach event at the Cataraqi Town Centre.

Each child received a paper doll that they carried to four different health care stations, where inter-professional teams of health care workers used a variety of tools and advice to make their doll healthy. For example, students and some faculty from X-Ray Technology, Medicine, Occupational Therapy, and Physical Therapy worked together at one station to help diagnose a doll's broken leg and restore it to health and good functioning.

Children could also try on different types of casts and crutches and look at X-Rays of legs, arms, and hands to understand what a fracture looks like.

This event was put on by the Queen's University Inter-Professional Patient-Centred Education Direction (QUIPPED), a Health Canada-funded project that seeks to improve patient-centred care through inter-professional education and collaboration at Queen's University.

More than 30 volunteers from medicine, nursing, occupational therapy, physical therapy, X-Ray, psychology, chaplaincy services, and social work provided their time and expertise at this event.

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## PASS THE LATTE



CELIA RUSSELL

Principal Karen Hitchcock prepares a latte with Associate Vice-Principal and Dean of Student Affairs Jason Laker (left) and Main Campus Residence Council President Michael Koichopolos at the recent official opening of the Lazy Scholar. Located on the lower level of the Victoria Hall student residence, the new eatery combines the latest trends in dining and leisure entertainment in a sophisticated non-alcoholic environment.

## Bulletin Board

### Submission information

Please note that appointment submissions will be edited to address style considerations and length. Submissions should be a maximum of 200 words.

### Appointments

#### Leslie Dal Cin appointed Chair, Athletics and Recreation

Acting Director Jean Côté of the School of Kinesiology and Health Studies announces the appointment of Leslie Dal Cin as the new chair of Athletics and Recreation. Ms. Dal Cin will assume the post on Dec. 1, 2006. She is the first woman to hold the position since sport became an integral part of the university in 1873. She replaces John McFarlane, who announced his retirement earlier this summer following a 30-year career with Queen's Athletics, the last 11 years as chair of the department. Ms. Dal Cin has an extensive background in sport administration. Since 2005 she has been general manager, Performance Group with Basketball New Zealand. From 1998-2004 she was the executive director of Canada Basketball. During her tenure with this national governing organization, she was instrumental in promoting financial recovery, eliminating deficit and

diversifying revenues. She also acquired significant corporate sponsorship and endorsements for the NGO. Prior to her work with Canada Basketball, she was executive director and technical director of Basketball Ontario from 1990 to 1997. Under these portfolios, she was responsible for implementing new organizational and membership structures that led the way to significant financial recovery for the organization. She also developed and implemented new athlete-development programs and spearheaded a complete revision of Elite Performance programs for Basketball Ontario.

### Awards and Grants

#### Chancellor Richardson Memorial Fund

The Advisory Committee of the Chancellor Richardson Memorial Fund invites departments and other university agencies involved in the study of Canada to submit proposals for the purchase of Canadian teaching and research materials. Details on these acquisitions and the Opportunity Fund from the chair of the advisory committee, Professor Brian Osborne, or the secretary of the fund, Kelly Colby, Operations, Office of Advancement or at <http://adv.queensu.ca/richardson/index.php>. Proposals deadline Jan. 29, 2007.

### Governance

Senate will meet Thursday, Nov. 30, 202 Policy Studies, 3:30 pm. The Board of Trustees will meet Friday, Dec. 1 and Saturday, Dec. 2. The business meeting takes place Dec. 1 at 7 pm. Details: [www.queensu.ca/secretariat](http://www.queensu.ca/secretariat)

### Human Resources

#### Milestones

Compiled by Faye Baudoux  
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 in Human Resources at 77791. Congratulations to those who reached the following milestones in November 2006.

**35 years:** Lorraine Helsby, Stauffer Library.

**30 years:** Janet Lambert, Campus Planning and Development; Bryne Smallridge, PPS.

**25 years:** Kenneth Revell, Residences; Terry Stover, Student Awards.

**15 years:** Rhonda McKnight, PEC; Laird Monahan, PPS; Margaret Wilson, PPS; Steven Young, Printing and Materials Distribution.

**10 years:** Tina Burke, Office of the University Veterinarian; Patricia Forrest, ITS; Ruth Santamaria,

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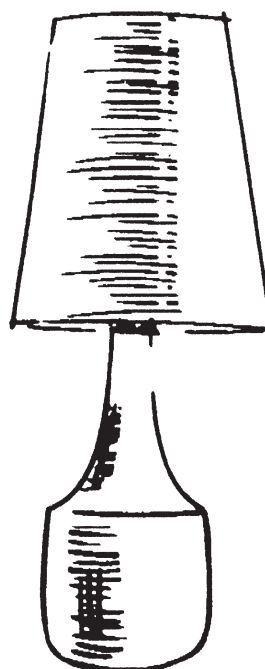
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Human Rights; Stephanie Simpson, Human Rights.

**Five years:** Jennifer Alexander, NCIC; Laura Bark, Animal Care Service; Arig Girgrah, Alumni Relations & Annual Giving; Sarah Indewey, Alumni Relations & Annual Giving; Gang Liu, HPCVL; Angela Mahoney, School of Business; Yolanda Thompson, Office of the Principal.

**Employee Assistance Program**

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

**Staff job postings**

For information on staff job postings and staff appointments, visit [www.hr.queensu.ca](http://www.hr.queensu.ca). The site is updated weekly on Fridays.

**December holiday closing**

Normal university operations for most (but not all) departments will close at 4:30 pm, Friday, Dec. 22; regular university operations resume on Tuesday, Jan. 2, 2007.

**December bank deposit pay dates**

**Friday, Dec. 1**  
Deadline for changes to the December monthly payroll. This includes salary requisitions for monthly paid employees.

**Thursday, Dec. 14**  
Salary advice statements for monthly paid employees mailed to the departments.

**Monday, Dec. 18**  
Salary advice statements for casual paid employees mailed to the departments.

**Tuesday, Dec. 19**  
Salary advice statements received in the departments. If not received, call Lynne Gaudet at ext. 36460.

**Wednesday, Dec. 20**  
Deadline for extreme emergency cases of monthly paid employee requests for salary advance. Contact Lynne Gaudet at ext. 36460.

**Friday, Dec. 29**  
Pay date for monthly paid, casual employees. Salaries deposited to bank accounts will be available at the banks by 10 am.

**PhD Examinations**

Regular university staff members may attend PhD oral thesis examinations.

**Wednesday, Nov. 22**  
**Valerie Anne Thomas**, Geography. Spatially Explicit Modelling of Forest Structure and Function Using Airborne Lidar and Hyperspectral Remote Sensing Data Combined With Micrometeorological Measurements. Supervisors: J.H. McCaughey, P. Treitz, E310 Mackintosh-Corry, 1 pm.

**Friday, Nov. 24**  
**Jennifer Lynn Anderson**, Geological Sciences & Geological Engineering. Hydrous Metal Sulfate Minerals associated with Mine Waste: Atomic Structure, Hydrogen Bonding and Phase Equilibria. Supervisor: R.C. Peterson, M100A Miller, 1 pm.

**Monday, Nov. 27**  
**Özden Sungur**, Economics. Testing for Limited Asset Market Participation, Consumption, and Real Exchange Rates: Evidence from Household Data. Supervisor: C.M. Beach, 227 Dunning, 2:30 pm.

Cagatay Topal, Sociology. Surveillance Over Migrant Workers and Immigrants From Turkey in Germany: From the Disciplinary Society to the Society of Control. Supervisor: D. Lyon, D528 Mackintosh-Corry, 10:30 am.

**Tuesday, Dec. 5**  
**Ann Frances Cameron**, Management. Juggling Multiple Conversations with Communication Technology: Towards a Theory of Multi-communicating Impacts in the Workplace. Supervisor: J. Webster, 411 Goodes, 2 pm.

**Monday, Dec. 11**  
**Ruixi Xie**, Chemistry. Microsphere Entrapped Columns for Capillary Electrochromatography. Supervisor: R.D. Oleschuk, 300 Chernoff, 2 pm.

**Retirements**

**Monday, Dec. 4**  
**George Hood**, Advancement. The staff of the Office of Advancement invites you to a reception at the request of Vice-Principal (Advancement) George N. Hood, to give him the opportunity to thank the university and Kingston communities for their efforts during his time at Queen's. Beamish-Munro Hall, Atrium, 3:30 – 5:30 pm (Remarks at 4:15 pm). RSVP to Trish Serveau at [serveaup@post.queensu.ca](mailto:serveaup@post.queensu.ca)

**Wednesday, Dec. 13**  
**Patrick Caulfeild and Ken Hancock**, Physical Plant Services. Ann Browne, Associate Vice-Principal (Facilities), invites you to a retirement reception to honour Construction Director C. Patrick

Caulfeild and Energy Management Coordinator Ken Hancock. Lower Ban Righ Dining Room, 3:30 – 5 pm.

**Calendar**

**Art**

**The Agnes Etherington Art Centre**

Corner of University Avenue and Bader Lane. Extended hours to 9 pm on Thursdays. Free parking on campus after 5 pm. Free admission on Thursdays.

**Exhibitions:**  
Etherington House, A Legacy to Dec 10. Contemporary Feature Gallery, Neutrinos They Are Very Small to Dec. 10. Davies Foundation Gallery, Bright Particular Stars: The Theatre Portraits of Grant MacDonald (1909-1987) to Jan. 14 2007. The Bader Gallery, Wrought Emotions: European Paintings from the Permanent Collection to Jan. 26, 2007. Frances K. Smith Gallery, Persistent Forms: British Drawings and Prints 1900-1950, to March 11, 2007. R. Fraser Elliott Gallery, Mister Man to April 8, 2007. Historical Feature Gallery, Black Suites: Includes Jean-Paul Riopelle, Graham Coughtry, Robert Van de Peer, Dec. 17 to April 8, 2007. African Gallery, The Art of Mali to Aug. 8, 2007. Historical Feature and Samuel J. Zacks Galleries, An Artist after All: Daniel Fowler in Canada to Dec. 3, 2007. [www.aeac.ca](http://www.aeac.ca)

**Union Gallery**

First floor, Stauffer Library, Corner of Union and University. [union-gallery.queensu.ca](http://union-gallery.queensu.ca)

**Exhibitions:**

The Spaces Between. Fourth year students, Kate Shocrylas and Melanie Lourenco. To Tuesday, Nov. 28. Dec. 5 – Jan. 9: Sarah Phillips and Ashley Wilson-Vincer. [uniongallery.queensu.ca](http://uniongallery.queensu.ca)

**The Studio**

B 144 Duncan McArthur, Faculty of Education, corner of Sir John A. Macdonald Boulevard and Union Street.

**Jordan Library**

Once Upon a Time, an exhibition of artist's books by Lise Melhorn-Boe, Artist-in-Residence. Seminar room, W.D. Jordan Special Collections and Music Library, Douglas Library, to Dec. 21. Presented by the Department of Women's Studies.

**Film**

**Sunday, Dec. 10**

**Cinema Kingston**  
Manufactured Landscapes (Jennifer Baichwal, Canada, 2006). A portrait of photographer Edward Burtynsky. Etherington Auditorium, 94 Stuart St., 7 pm. Tickets \$8 at the door.

**Music**

**Tuesday, Nov. 28**

**School of Music**  
Queen's Jazz Ensemble, directed by Greg Runions and Queen's Jazz Choir, directed by Bruce Kelly. Grant Hall, 7:30 pm, tickets \$6 adults, \$3 students and seniors, available at the door.

**Wednesday, Nov. 29**


**School of Music**  
Queen's Wind Ensemble and Clarinet Choir directed by Gordon Craig. Queen's Flute Choir, directed by Donelda Gartshore. Grant Hall, 7:30 pm.

**CD release party**

The Kingston Ceili Band invites fellow Queen's and Kingston community members to celebrate the release of their new CD Sláinte, pronounced "slawn-cha," an Irish toast meaning "to your health." Ben's Pub, 105 Clergy St. E., 7:30 pm.

**Friday, Dec. 1**

**School of Music**  
Annual Messiah Sing-a-Long, an informal gathering of voice and orchestra. All members of the Queen's and Kingston communities are invited to participate. Harrison-LeCaine Hall, 1:30 pm.



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Dec 27	DISNEY ON ICE "Mickey & Minnie's Magical Journey"	\$79/\$69
Jan 19	Metro Toronto Home Show	\$59
Jan 20	Toronto International Boat Show	\$59
Jan 21	RAIN: The Beatle Experience	\$125
Jan 26-28	Quebec Winter Carnival & Ice Hotel	\$359
Feb 9	Toronto Raptors vs Los Angeles Lakers	\$99
Feb 11-14	New York City!	\$575
Feb 13-20	NASCAR: Daytona 500 Race Week	\$1599
Feb 17	Spring Fishing Show & Bass Pro	\$59
Feb 22	The Hills are Alive with THE VON TRAPP Children	\$149
Mar 9-18	MyrtleBeach: MARCH BREAK	\$799
Mar 10	"ANNIE" the Musical	\$149
Mar 12-15	NEW YORK CITY: March Break	\$575
Mar 13-28	Daytona Beach, Florida	\$1449
Mar 17	"HAIRSPRAY" The hit Broadway Musical	\$149
Apr 6-9	NEW YORK CITY at Easter!	\$575
Apr 25	PHANTOM OF THE OPERA	\$149

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Dec 29 ~ vs New York Rangers	Feb 28 ~ vs Carolina Hurricanes
Jan 3 ~ vs Buffalo Sabres	Mar 15 ~ vs New York Islanders
Jan 9 ~ vs Boston Bruins	Mar 27 ~ vs Boston Bruins
Jan 16 ~ vs Washington Capitals	Apr 5 ~ vs Pittsburgh Penguins

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## Thursday, Dec. 7

### Queen's Performing Arts

Pianist Angela Hewitt performs a program of Bach, Rameau, Beethoven and Mozart. Sydenham Street United Church, 8 pm. Tickets and information: 613-533-2558, 144 John Deutsch University Centre.

## Courses and Workshops

TIPS for Faculty (Teaching Improvement Project Systems) Register now for Continuing Professional Development, Faculty Development, April 19 – 20, 2007. For medical faculty interested in understanding more about effective teaching. New faculty and more experienced teachers welcome. Registration is limited. Deadline: March 19, 2007. Details: 613-533-3233 or cpd.fd@queensu.ca. Visit [meds.queensu.ca/ce/fd/index.html](http://meds.queensu.ca/ce/fd/index.html) to print a brochure.

## Departmental Seminar Schedules

### Ban Righ Centre

[www.queensu.ca/dsao/ind/ban-righ/events.htm](http://www.queensu.ca/dsao/ind/ban-righ/events.htm)

### Biochemistry

[meds.queensu.ca/biochem/index.php/seminar\\_series](http://meds.queensu.ca/biochem/index.php/seminar_series)

### Biology

[biology.queensu.ca/seminars/dss.html](http://biology.queensu.ca/seminars/dss.html)

### Business

[business.queensu.ca/research/conferences/index.php](http://business.queensu.ca/research/conferences/index.php)

### Cancer Research Institute

[meds.queensu.ca/qcri/calendar/index.php](http://meds.queensu.ca/qcri/calendar/index.php)

### Centre for Neuroscience Studies

[queensu.ca/neurosci/seminar.html](http://queensu.ca/neurosci/seminar.html)

### Chemistry

[chem.queensu.ca/newsand-events/seminars/seminar02w.pdf](http://chem.queensu.ca/newsand-events/seminars/seminar02w.pdf)

### Computing

[www.cs.queensu.ca/seminars/](http://www.cs.queensu.ca/seminars/)

### Economics

[qed.econ.queensu.ca/pub/calendar/week.html](http://qed.econ.queensu.ca/pub/calendar/week.html)

### Environmental Studies

[biology.queensu.ca/~talkensc](http://biology.queensu.ca/~talkensc)  
GeoEngineering Centre at Queen's – RMC

[www.geoeng.ca](http://www.geoeng.ca)

### Geography

[geog.queensu.ca/seminars.html](http://geog.queensu.ca/seminars.html)  
Human Mobility Research Centre  
[www.hmrc.ca](http://www.hmrc.ca)

### Law

[law.queensu.ca/Visitors/index.php](http://law.queensu.ca/Visitors/index.php)  
Microbiology and Immunology  
[microimm.queensu.ca/events/seminar2006.html](http://microimm.queensu.ca/events/seminar2006.html)

Pharmacology/Toxicology

[meds.queensu.ca/medicine/pharm/](http://meds.queensu.ca/medicine/pharm/)

### Physiology

[meds.queensu.ca/medicine/physiol/physiol.sem.html](http://meds.queensu.ca/medicine/physiol/physiol.sem.html)

### Policy Studies

[www.queensu.ca/sps/calendar/week.htm](http://www.queensu.ca/sps/calendar/week.htm)

### Physics, Astronomy, and Engineering Physics

[physics.queensu.ca](http://physics.queensu.ca)

## Public Lectures

### Wednesday, Nov. 29

#### Robert Sutherland Visitorship

Afua Cooper. Acts of Rebellions: Slave Women and Men Engage Slavery in Upper Canada. McLaughlin Room, JDUC, 7 pm. Reception and book signing in the Sutherland Room to follow. Details: Robert Burge, 613-533-6000, ext. 78775 or [www.queensu.ca/jduc/rsv.html](http://www.queensu.ca/jduc/rsv.html).

### Thursday, Nov. 30

#### Philosophy

Jennifer Whiting (Toronto). Psychic Contingency in Plato. 517 Watson, 4:30 pm.

### Monday, Dec. 4

#### Teaching and Learning

Leo Jonker, Queen's. Learning in Community. 1101 Biosciences, 6 pm. Reception to follow in the Biosciences Atrium. Registration (free) required. Visit [www.queensu.ca/ctl/publiclecture/](http://www.queensu.ca/ctl/publiclecture/) or call 613-533-6428.

### Tuesday, Dec. 5

#### Education

Cory Laverty and Brenda Reed, Queen's. Recent research on information literacy. Vernon Ready Room, Douglas McArthur Hall, 3:30 pm.

## Mining Engineering

2006 Mel Williamson Lecture  
Tony Hodge, Nuclear Waste Management Organization. Managing Used Nuclear Fuel in Canada: Adaptive Phased Management and Its Implications for Engineering Design. 105 Miller, 1:30 pm. Details: [www.mine.queensu.ca](http://www.mine.queensu.ca), 613-533-2230.

## Wednesday, Dec. 6

### Policy Studies

Robert Falkner, London School of Economics. The EU as a green normative power: a political economic critique. 334 Policy Studies, 4 pm.

## Special Events

### Monday, Nov. 27

#### 10th Annual A.A. Travill Debate

This House Believes That a Devastating Influenza Pandemic is Imminent. Dick Zoutman and Mohammad Zarrabian vs. Richard Schabas and Aaron Drucker. Etherington Hall Auditorium, 5:30 pm. Reception follows at the University Club.

### Flu shot clinic

Free vaccination program for faculty, students and staff. Wallace Hall (JDUC), 10 am - 4:30 pm. Presented by Environmental Health and Safety with KFLA Public Health..

## Wednesday, Nov 29

### Art Conservation holiday craft fair

Featuring local artisans, artists and craftspeople. Biosciences atrium. To Dec. 1.

## Thursday, Nov. 30

### Book signing

Hugh Segal, Queen's. The Conservative Journey, 1993-2006. Indigo Books, 259 Princess St., 7 pm. Details: 613-546-7650

## Development Studies

Information session. Study Abroad Program at Fudan University in Shanghai, China. D214 Mackintosh-Corry, 5:30 pm. . Details: [fudan@post.queensu.ca](mailto:fudan@post.queensu.ca)

## Tuesday, Dec. 5

### Staff Appreciation Day

Staff can enjoy a complimentary coffee, tea or hot chocolate, JDUC, Mackintosh-Corry, Botterell Hall, BioSciences, Goodes Hall, Rez Express and West Campus cafeterias, to 10:45 am. Elaine Dembe, health and wellness expert. Use the Good Dishes: Finding Joy in Everyday Life, 10 – 11:30 am or 1:30 – 3 pm. Register at [www.hr.queensu.ca](http://www.hr.queensu.ca) or call ext. 32070. Principal's Reception, Grant Hall, 11:30 am – 1:30 pm. Presentation of Special Recognition for Staff Awards, 12:30 pm.

## Thursday, Dec. 7

### Pension plan AGM

All plan members, including retirees, are invited. Two investment counselors, Pensions Committee members will answer questions. Dunning Hall Auditorium, 1:30 pm. Details: Pensions and Benefits Unit, Human Resources, ext. 36414.

## Friday, Dec. 8

### Book launch

Clive Robertson. Policy Matters. Refreshments. The Artel, 205 Sydenham St. Details: 416-598-4546 or [www.yyzartistsoutlet.org](http://www.yyzartistsoutlet.org)

## Saturday, Dec. 9

### Physics/Kingston RASC

Orientation to the night sky. Larry Widrow, Queen's. MACHOs, WIMPs, and the Search for Dark Matter. Observatory Open House, Ellis Hall, 7:30 pm. Details: Terry Bridges at 613-533-2711, [tjb@astro.queensu.ca](mailto:tjb@astro.queensu.ca).

## Submission Information

Calendar lecture/colloquia items should be submitted in the following format: *Date, department, speaker, affiliation. Title, location, time.*

The next Gazette deadline is at noon Monday, Dec. 4.

For news and information between issues of the Gazette, visit [www.queensu.ca/newscentre](http://www.queensu.ca/newscentre).

# HELP LINES

## Campus Security Emergency Report Centre

# 533-6111

### Human Rights Office

533-6886  
Irene Bujara, Director

### Sexual Harassment Complainant Advisors

Margot Coulter, Coordinator  
533-6629

Chuck Vetere – Student Counselling  
533-2893 ext. 77978

### Anti-Racism Complainant Advisors

Stephanie Simpson, Coordinator  
533-6886

Audrey Kobayashi – Geography,  
533-3035

### Anti-Heterosexism/Transphobia Complainant Advisors

Julie Darke, Coordinator  
533-6886

Eleanor MacDonald, Politics  
533-6631

### Coordinator of Dispute Resolution Mechanisms

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

### Sexual Harassment Respondent Advisors

Paul Banfield – Archives  
533-6000 ext. 74460

Greg Wanless – Drama  
533-6000 ext. 74330

### Anti-Racism Respondent Advisor

Ellie Deir – Education  
533-6000 ext. 77673

### Internal Dispute Resolution

SGPS Student Advisor Program  
533-3169

### University Dispute Resolution Advisors – Students

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

### University Grievance Advisors – Staff

Janet Cowperthwaite  
University Secretariat  
533-6000 ext. 77927

Bob Burge – JDUC  
533-6000 ext. 78775

Gary Racine – Telecommunications  
533-3037

### 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

### Employee Assistance Program

1 800 387-4765

### University Chaplain

Brian Yealland  
533-2186

### Rector

Johsa Manzanilla  
533-2733

### Student Counselling Service

533-2893

\* Internal numbers may be accessed from a touch-tone phone off-campus by dialling 533-6000 + extension number.

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## The ultimate teaching assistant

BEAMISH-MUNRO HALL SHOWS OFF ITS INSIDES TO THE WORLD

By KAY LANGMUIR

University buildings are usually seen as strong and stately, their walls concealing the academic activity that goes on inside.

But Queen's new-age emotive Integrated Learning Centre shares its feelings for the entire world to see – in color, online and in real time.

Although the ILC was modeled on a building in Colorado, the thousands of sensors in the structure and its ability to display a vast array of vital statistics online and in real time makes it unique in North America.

Want to know how efficiently the building's heating, ventilation and air-conditioning systems are working, how much power the solar array on Goodwin Hall is producing, or the amount of electricity the centre's elevator is using at this moment? These are only a few of the endless questions that can be answered by logging onto the recently launched website, [livebuilding.queensu.ca](http://livebuilding.queensu.ca).

Readers can get detailed information from the roof-mounted weather station, or check the amount of carbon dioxide and air-borne pollutants being filtered by the jungle-like three-story high biowall, spy on the efficiency of the computerized



COURTESY OF BREGMAN + HAMANN ARCHITECTS

The biowall is visible in this evening view of Beamish-Munro Hall.

lighting system, or simply see how much power the espresso machine is drawing in the zero-waste café.

The website also taps into a network of power meters around campus, courtesy of Physical Plant Services, and provides real-time data on the power use of various Queen's buildings. An interactive map allows a user to check the power draw of a number of buildings, and to see at a

glance which ones are gobbling the most power (usually Biosciences Complex and Botterell Hall, because of their lab activity).

"It's a really profitable partnership because we get to share data with students, and they get to show staff ways to increase energy savings," says Renee Stephen, building-systems technologist at the centre. "This is a big public awareness campaign on campus."

Although many institutions say they aim for transparency in their operations, the centre, at Union and Division, shows how it's really done. Instead of covering up with terrazzo, a few large squares of plexiglass have taken the place of flooring in the main foyer to expose the guts of the building. Similar plexiglass windows allow a cutaway view into the building's elevator shaft, walls and ceilings, to expose conduits, and structural and insulation layers. Cutouts in weight-bearing columns illustrate civil engineering methods such as foundation systems, rebar configurations and steel decking. Heat sensors in the walls show how well the building's insulation works on cold days.

"You can actually see that huge temperature difference and where the heat is being kept in," says Ms. Stephen.

Not surprisingly, the building has substantial "way cool" factor with students, as well as professors, who use the building like the ultimate teaching assistant.

Colin MacDougall, who teaches a second-year civil-engineering mechanics course, particularly enjoys using an in-situ, sensor-equipped column and I-beam exhibit that is hooked up to a hydraulic jack and computer. It allows students to monitor the effect of stress on building components.

"When you do the experiment, you can literally see that the assumptions are correct," says Dr. MacDougall. "As well, a lot of the examples we use [in

class] are very simplified. This shows some of the complications you would see in a real beam."

The building is a boon to active group learning, and spawns limitless project ideas, from power consumption comparisons, and attempts to design an intelligent-control system for its window blinds, to studies of its motion-activated lighting system.

"Occasionally you'll walk by a room and see a student asleep with the lights off because they haven't moved for awhile," says Ms. Stephen.

This precocious building can almost do too much.

"Because the data is in real-time, we often know when something's wrong even before PPS does. They're probably getting sick of our phone calls by now!" says Ms. Stephen.

And because there are so many classes of students, prospective students, parents and other wide-eyed visitors touring the showplace mechanical heart in the building's penthouse, there's the extra job to banish the usual furnace-room dust and keep it sparkling clean.

People might want to the website frequently, as new exhibits are added regularly, such as sensors monitoring the performance of 11 high-efficiency windows, each with a different glazing and thermal efficiency rating, which will be added in February 2007, says Ms. Stephen.

[livebuilding.queensu.ca](http://livebuilding.queensu.ca)

## Enthusiasm key to a good lecture: Duffin

PROFESSOR AMONG 30 SEMIFINALISTS IN TVO'S BEST LECTURER COMPETITION

By KAY LANGMUIR

Jacalyn Duffin had to perform in front of TVO cameras after she was chosen as one of 30 semifinalists recently in the network's Best Lecturer competition.

"I don't kid myself that I'm the only good teacher at Queen's," says Dr. Duffin, who has held the Hannah Chair in History of Medicine since 1988 and holds cross appointments in the departments of Medicine, Philosophy, and History, and the Faculty of Education.

"I got nominated because I have nice students who watch TVO and who knew about the contest. But getting nominated is a huge honour. If the students like you and respect what you're doing, that's fantastic."

This year's contest began last spring when more than 250 lecturers were nominated by students from universities across Ontario. The lecturers represent almost every subject area, from dentistry and sports management to philosophy and Canadian studies.

If students are enjoying her lectures, ventures Dr. Duffin, it may be because she loves what she does.

"I have tremendous freedom to teach what I want," says Dr. Duffin, who has won several

Queen's teaching awards. "I have never felt like I had to teach something I didn't want to be teaching."

When Dr. Duffin teaches the history of medicine, she does try to keep her teaching relevant to where her medical students are in their curriculum, be it anatomy or obstetrics.

Although the tide is turning in favour of more participatory learning, she doesn't think lectures themselves are bad, but agrees they can be done badly.

"You owe it to your students not to bore them."

**To help keep things interesting, she uses PowerPoint, slides, paintings or objects such as old medical instruments or rare books.**

To help keep things interesting, she uses PowerPoint, slides, paintings or objects such as old medical instruments or rare books. She also tends to move around a lot and encourage audience participation, habits that frustrated the TVO camera crew who filmed her last month at the Biosciences Complex. They finally gave the diminutive Dr. Duffin – not a large target to begin with – an imaginary square on the floor that she was to

remain in during the filming.

On a cold day at supper hour, the lecture hall was filled to standing room only with supportive students, colleagues, and even some of her patients. (Dr. Duffin, a hematologist, still practises).

"For me that crowd was the best part of the whole experience," says Dr. Duffin, who admits she still gets a little nervous before each lecture. But her humour, spontaneity and enthusiasm serve her well as a lecturer. Even the added challenge of performing in front of the TV cameras, did not prevent her from gleaming some comic value from the planned event.

"Looking at that crowd, I had this feeling that if I died this is who would come to my funeral," she says.

A panel of judges, including Globe and Mail columnist Margaret Wente, novelist Camilla Gibb and Maclean's managing editor Tony Keller will choose 10 finalists to deliver complete lectures on TVO's Big Ideas series over the course of five weekends beginning January 13.

Viewers will grade each of the top 10, and determine Ontario's Best Lecturer. The winning professor's school will receive a \$10,000 TD scholarship from Meloche Monnex, a home and auto insurance provider for members of alumni associations.

"It would be lovely if Queen's got the scholarship, but for me, being nominated by the students is as good as winning." she says. [www.tvo.org](http://www.tvo.org)



STEPHEN WILD

Jacalyn Duffin, Hannah Chair in History of Medicine and TVO Best Lecturer semifinalist with a shoe X-ray machine. "You owe it to your students not to bore them."