



# QUEEN'S GAZETTE



Eat more garlic P9

The future looks bright P10



## Queen's to lead new "convergence centre"

By ANNE KERSHAW

The Ontario government is giving Queen's \$21 million to pioneer an innovative R&D model. It would tap the creative energy of academic and industry scientists working side by side to develop new environmental technologies in the areas of advanced materials and bioprocessing.

Under a new regional "convergence centre" called the Advanced Research and Innovation Institute (ARI), Queen's would "co-locate" with industry partners and small and mid-size businesses in a new institute that

will foster university-private sector collaborations, bolster confidence in research and development in the Eastern Ontario region, and leverage funds and new facilities for our faculty's programs of research and teaching.

The announcement was made last week as part of the provincial government budget.

"We are extremely grateful to the Government of Ontario for this vote of confidence in Queen's and the expertise and spirit of innovation of our faculty," says Principal Karen Hitchcock.

The work of the centre is intended to focus on innovations in energy and environmental technologies, bio-products and bio-chemical engineering, micro-electronics, green chemistry and advanced materials.

"This is an immensely exciting development for Queen's and for Eastern Ontario, one that will enable us to advance our scientific and technological expertise while also providing an opportunity for valuable interactions with the private sector," says Dr. Hitchcock. "The centre is at an advanced stage of evaluation

by the university and we look forward to continued discussions with our industrial partners.

"Through this kind of public-private collaboration, we will see the best scientific minds come together and focus in areas where there is the greatest potential for developing new knowledge and a stream of innovative products. This goes a long way toward helping us fulfill our vision of becoming a national resource for addressing some of society's most challenging issues," she says.

Until now, Kingston and the surrounding region have seen a

steady exodus of viable and expanding technology-based companies. The new institute will provide the infrastructure required to anchor promising small-medium enterprises in the region.

"By establishing this institute, we will be addressing a critical need of our region and province," says Dr. Hitchcock. "We see this new model as a major breakthrough in research, development and technology deployment and one with far-reaching economic and environmental benefits."

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## Streets close, work starts

WATCH FOR UPDATES ON NEW ONLINE MAP

Roadwork has begun on University Avenue and Union Street, heralding an intensive and unprecedented construction season on campus.

Road closures and excavations are already affecting pedestrian movement and limiting vehicle traffic.

Union Street west of Arch Street to west of Division Street closed March 12 and is scheduled to reopen April 27. The work will allow for re-routing of services for the Queen's Centre project. At the same time, Division Street south of Earl Street to Union Street and also Clergy Street West will be closed. Division Street south of Clergy Street to south of Earl Street will re-open on April 6.

Union Street west of Division Street to east of University Avenue will be closed April 2 to May 11. In addition, the section of Union Street from in front of

See STREETS: Page 12

### WHEELCHAIR FOR A DAY



STEPHEN WILD

From left, Principal Karen Hitchcock, Geography Professor Audrey Kobayashi and students Ian Black, Emily Gilbert, Wai-May Wong (pushing Ms. Gilbert) and Kingsley Chak make their way across University Avenue during the recent Wheelchair for a Day event. Organized by the student group Accessibility Queen's, the event is designed to raise awareness of accessibility issues. For a story on the university's progress in improving accessibility, see page 4.

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Queen's News Centre

## Troje first psychologist to receive Steacie honour

BY NANCY DORRANCE

Psychology Professor Nikolaus Troje is one of six outstanding Canadian university researchers to receive a 2007 E.W.R. Steacie Memorial Fellowship from the Natural Sciences and Engineering Research Council (NSERC).

An expert on visual perception, Dr. Troje is considered the world's foremost authority on analyzing how humans and animals perceive and process biological motion – the movement of others. He is the first psychologist

ever to receive a Steacie Fellowship, one of Canada's premier science and engineering research awards.

"This is a particularly notable honour," says Vice-Principal (Research) Kerry Rowe. "With only six fellowships awarded annually to researchers from across Canada, it is a very prestigious program. The fact that Professor Troje is the first researcher from a psychology department to be awarded a Steacie makes it even more special. We wish him

continued success in his exciting research initiatives."

Along with other recipients from the University of Alberta, University of Toronto and Dalhousie, Dr. Troje will receive funding enabling him to pursue his research full-time. "Our NSERC Steacie winners have demonstrated a high degree of creativity and innovation in their research, and their work is already having a real impact in their fields," says NSERC president Suzanne Fortier. "These

fellowships will allow them to devote their full time and attention to their work, in effect turbo-charging their research while freeing them from their other duties."

Internationally recognized for his contributions to vision research and cognitive neuroscience, Dr. Troje uses "motion capture" technology in creative ways, helping develop the analytical tools needed to make sense of the data. His research web site, which runs online

See PSYCHOLOGIST: Page 2

## Queen's honours David Dodge

Queen's has honoured David Dodge, Governor of the Bank of Canada, for his contributions to public service and his efforts to improve economic and financial literacy in Canada.

The event, which took place March 22 in Grant Hall, also celebrated the 2007 recipient of the David Dodge Scholarship in Policy Studies, Queen's student Howard Yeung.

Established by the Canadian Foundation for Economic



Dodge

Education (CFEE), the scholarship has been set up in collaboration with three post-secondary institutions: a scholarship at Queen's for achievement

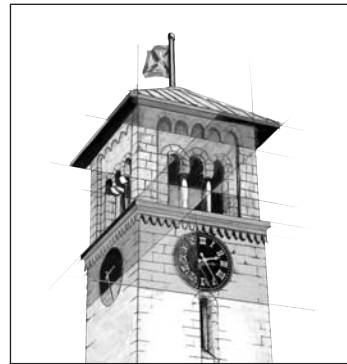
by a graduate student in policy studies, a scholarship at The University of British Columbia for

achievement by a graduate student in economics and a scholarship at Humber College Institute of Technology and Advanced Learning for achievement by a student in public administration.

"It is a great honour to host this event and pay tribute to Mr. Dodge for his many contributions to public service," says Principal Karen Hitchcock. "We are delighted that Mr. Yeung and other Queen's students will experience the benefits and opportunities

attached to this prestigious scholarship."

The CFEE's mandate is to promote "enhanced economic capability" by increasing the ability of Canadians "to assume their economic roles, and make economic decisions, with competence and confidence." It is involved in a wide range of activities including resource production, research, curriculum development, seminars, workshops, conferences, and advisory services.



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**SCHEDULE**

**Issue date: Monday, April 9**  
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Noon editorial deadline: **April 2**

**Issue date: Monday, April 23**  
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Ad artwork deadline: **April 12**  
Noon editorial deadline: **April 16**

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### IN BRIEF

#### Architects' models find a new home in Archives

The future is now secure for the runner-up models in the 1990 Stauffer Library competition.

The four have now moved to a new home in Queen's University Archives. To draw attention to their plight, and to learn more about the design of the models, Pierre du Prey, Queen's Research Chair in the Department of Art, and students of his course, Architecture in the Classical Tradition, fixed them up and put them on display in the Fireside Lounge of Leggett Hall residence earlier this month.

The Gazette also ran a photo of the exhibition in the March 12 issue.

The Art department no longer has room for the models, which are delicate and difficult to store.

Dr. DuPrey says he is delighted with the news, but adds that there are nine more models currently in storage for other projects - including the Agnes Etherington Art Centre expansion and the Donald Gordon Centre - that will also need new homes.

#### Psychologist

continued from page 1

experiments, attracts 10,000 visitors per day.

Part of Dr. Troje's work during his Steacie Fellowship will involve studying the more innate aspects of motion detection in infants. Scientists already know that newborn chicks, for example, are hardwired to "imprint" on another creature, but that characteristic is guided by innate preferences based on very simple cues. Such impulses may also be present in humans.

Dr. Troje will also explore the implications of his research for those whose ability to process information from biological motion is impaired, such as people with autism. "They suffer from a lack of social abilities that probably goes back to basic sensory impairments in the area of biological motion perception," he says. "Our goal is to clearly identify what these building blocks of biological motion perception are."

By doing this, Dr. Troje hopes to develop tests that can distinguish between the various mechanisms, and find ways to treat individual problems.

NSERC is a federal agency whose role is to make investments in people, discovery and innovation. Over the last 10 years, NSERC has invested \$6 billion in basic research, university-industry projects, and the training of Canada's next generation of scientists and engineers.  
[www.nserc.gc.ca/steacie](http://www.nserc.gc.ca/steacie)



STEPHEN WILD

Nikolaus Troje is the first psychologist to win the prestigious Steacie Fellowship.

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## CAN YOU TELL THE DIFFERENCE?



ALISSA DELEY

Student Jeremy Jelson takes the Challenge Corporate Water Control tap water challenge in front of a bottle-shaped tower built from over 1,600 empty water bottles in the John Deutsch University Centre last week. Students from the School of Environmental Studies and the departments of Biology and Geography hosted the event.

## IN BRIEF

### Driving home a winner

Fourth-year Commerce student Monica Walker took first place in Canada's Next Top Ad Exec, a national university competition that challenged students to present their best experiential marketing campaigns for the new 2008 Mitsubishi Lancer.

Ms. Walker received her own \$30,000 Lancer along with the first-place title. The company was so impressed with her ideas that they plan to incorporate some into their 2008 campaign. Students at McMaster's DeGroote School of Business organized the competition.

### Students tops in business-plan competition

Queen's students won first prize in an international business-plan competition hosted by the university earlier this month.

The team of Sami Torbey, a master's student in Computing and Mike Kulesza, a fourth-year engineering student won the top prize of \$15,000 for their business plan for a mobile heart monitor.

Second prize went to a team from the National University of Singapore and third went to Concordia University. Innovation Awards went to Kegs on Legs, RMIT University, Australia, and Laundry Lounge, also from Queen's.

The Queen's Entrepreneurs' Competition that allows university students from around the world to unite, present their innovative ideas and develop their entrepreneurial skills, with a chance to win more than \$25,000 in awards.

[www.theqec.com](http://www.theqec.com)

### Crying over raw milk

The public is invited to a panel discussion entitled The Storm Swirling Around Raw Milk: Farms, Food Health and Choice this Wednesday, March 28. It takes place from 4:30 to 6 pm in room 1102, Biosciences Complex.

Panelists include Michael Schmidt, an expert dairy farmer and raw milk advocate who made headlines recently when his farm outside Guelph was raided and his equipment seized for providing farm fresh milk to his cow share owners; consumer spokesperson Judith McGill public health representatives and a spokesperson from the Green Party of Canada.

The event will also include a question-and-answer period.

Earlier that day, the Farmers' Market at Queen's will take place at the corner of University Avenue and Union Street (or in the John Deutsch University Centre in case of inclement weather).

Sunny Lam, a graduate student in the School of Environmental Studies organized the event with the help of other students who are involved with the Farmer's Market.

For updates and panelist biographies, visit [qlink.queensu.ca/~0sol/RMweb/RMmain.html](http://qlink.queensu.ca/~0sol/RMweb/RMmain.html)

# Unit looks to expand research program

By KAY LANGMUIR

Funding awaits for Queen's students interested in helping scientists explore the exquisitely complex electro- and neurophysiology of the human gut, and disorders such as colon cancer, bowel disease and food allergies.

Since the Gastrointestinal Diseases Research Unit (GIDRU) moved from Hotel Dieu last October into its new state-of-the-art research building attached to Kingston General Hospital, across from Botterell Hall, there has been enough room and enough money to take on more students, courtesy of a training grant from the Canadian Institute for Health Research (CIHR).

It is the only gastro-intestinal research group in Canada to have been awarded such a grant.

"GI research actually gets very little funding for something that is a huge problem, if you look at the number of work days lost

(due to gastro-intestinal distress)," says Sandra Lourenssen, educational coordinator and researcher with the George Street unit.

"It's the disease no one wants to talk about," says Dr. Lourenssen, one of several clinicians and scientists who work in the unit. "And yet I've never met anybody who didn't know someone with a GI disease."

Many of the graduates, senior-year undergraduates and summer students who work at the unit have some personal connection to the work because of GI disease among their friends or relatives, she says.

But GIDRU'S recent change of address means many people on campus still don't know about the unit and its work. At a recent career night hosted by the Department of Health Sciences, many students were unaware of the unit, says Dr. Lourenssen.

Although Hotel Dieu administration was very supportive of GIDRU, researchers had outgrown those facilities

"Being here has made a big difference," says Dr. Lourenssen.

Currently, the unit has seven graduate students, 14 undergraduate thesis students, and two post-doctorate fellows. The unit is looking to hire another seven post-doctorates this year, as well as taking on 10 summer students. It offers a competitive salary and a tuition bursary to qualified candidates, as well as new equipment and facilities, courtesy of a Canadian Foundation for Innovation (CFI) grant.

"We have a wide-range of exciting research projects, ranging from clinical research in humans to molecular biology of subcellular pathways," says Dr. Lourenssen. "We're an integrated unit and there's a lot of collaboration."

tion sector. Dr. Hitchcock noted that it contained good news for graduate students while also supporting the critical role universities play in a knowledge-based economy.

Also of special interest in the federal budget was a promise to unveil a forward-looking science and technology strategy outlining a multi-year framework for action.

"We are looking forward to seeing the science and technology strategy, and we are very happy with the support for centres of excellence in research and commercialization. We look forward as well to the possibility for closer relationships of selected government laboratories to universities," says Dr. Hitchcock.

She also noted the important measures taken in the budget to

address the fiscal imbalance, specifically the per capita transfers for postsecondary education. This includes an increased transfer in 2008-09 of \$800 million that will be earmarked for postsecondary education.

"We are gratified at the increased federal government transfers for post-secondary education and especially pleased to see the Government of Canada moving to adopt a more equitable formula for distributing these monies."

One area where the budget fell short was additional funding for the indirect costs of research. Such costs include administering research grants, updating information technology services and numerous other support services. While there was some increase in funds for indirect costs of

To help inaugurate its new research facilities, GIDRU also plans to host an international symposium this fall, which will showcase the work of its members and student researchers, as well as invited speakers.

Research under way at the unit includes work on inflammatory bowel disease sponsored by grants from the Crohn's and Colitis Foundation of Canada, and the investigation of a link between calcium and reduction of colon cancer. The latter research has attracted funding from the Dairy Farmers of Canada.

Some of the other ongoing research delves into the physiology and pathophysiology of the esophagus, obesity, enteric neurophysiology and electrophysiology, food allergy disorders, salmonella, and neural regulation of intestinal vasculature.

research provided in the budget, the amount in absolute terms represented some slippage for universities and was considerably less than hoped for by higher education institutions, she says.

Another welcome component of the budget, however, was the announcement of increased support for graduate students. Through the Canada Graduate Scholarships, the government is providing \$15 million in 2007-08, \$20 million in 2008-09, and \$27 million a year thereafter to support an additional 1,000 graduate students annually.

"Although the level of allocation made to indirect costs of research is of concern," says Dr. Hitchcock, "we are pleased to see the government's commitment to graduate education in the form of scholarships."

## Queen's

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The provincial budget also contained a number of initiatives aimed at improving quality, access and accountability for universities. These include \$210 million to alleviate immediate cost pressures and more than \$580 million in student financial aid through the Ontario Student Assistance Program in 2007-08. There were commitments as well to increase first-year undergraduate medical enrolment by 23 per cent by 2009-10 over 2004-05 and create more opportunities for francophones and others traditionally underrepresented in postsecondary education.

The Ontario budget came directly on the heels of the federal government budget on March 19, which was also viewed favourably by the higher educa-

## IN BRIEF

### Speaking out against drug prohibition

Peter Christ, a retired U.S. police captain and a director of Law Enforcement Against Prohibition (LEAP) will be on campus this Thursday, March 29 to speak out against drug prohibition. His talk, Cops Say Legalize Drugs. Ask Them Why, takes place from 5:30 to 7:30 pm in room 1102 of the Biosciences Complex.

Drugs are now more potent, more available and even cost less than they did 30 years ago – a sign that the war on drugs has failed. LEAP believes a system of regulation and control is more effective than one of prohibition.

### It's a wrap

Students, faculty, staff and library patrons donated 12 full barrels of food and an additional \$900 in cash in the recent 10th-annual Food for Fines campaign.

The food and cash were divided between the Queen's AMS Food Bank and the Kingston area Partners in Mission Food Bank.

### Give engineering a go, girl

High-school girls are encouraged to register for Engenuity, a hands-on weekend workshop sponsored by the Faculty of Applied Science. It takes place April 28-29 in Beamish-Munro Hall. The workshop aims to help girls to make an educated career decision and to promote the viability of a career in engineering. The session provides a great opportunity for these students to see what engineers do everyday! To register, visit [www.appsci.queensu.ca/prospective/engineering/women/initiatives/engenuity/index.php](http://www.appsci.queensu.ca/prospective/engineering/women/initiatives/engenuity/index.php)

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## Access a priority during construction

By KAY LANGMUIR

As the person charged with making campus safe and accessible for people with physical challenges, Barbara Roberts wonders what the summer of construction and renovations will bring.

Staff are still hammering out contingency plans for access during a whirlwind of campus construction this summer, which will result in numerous closures of sections of Union Street and Division Street, and a four-month shutdown of University Avenue south of Union.

Of particular concern are the numerous closures of sections of Union and Division streets to make way for work on the Queen's Centre project; the closure of University Avenue to allow for its revitalization; and the soon-to-disappear Mackintosh-Corry parking lot, which will be excavated for a new underground parking garage. (A temporary lot will be created on the neighbouring Frank Tindall Field.)

Discussions are under way to finesse some temporary parking spots for the disabled who need regular access to buildings during construction.

"The trouble people are going

to have is the distances from the ends of the construction zone to events that are at the core of campus," says Ms. Roberts.

There is also concern over the dust and noise resulting from excavating the new underground parking lot.

"I appreciate that Physical Plant Services is doing everything possible to keep spaces accessible, but it's going to be hard for everyone."

A large part of Ms. Roberts' work is in the details – small differences that can mean huge obstacles and difficulties for the disabled. The quality of surfaces for example, whether they're smooth or rough, or slightly changing in pitch, are of great concern to people with low vision, balance problems, or traveling in wheelchairs. Pedestrian traffic through construction areas will be funneled along temporary boardwalks. However, Ms. Roberts is concerned that temporary boardwalks can be bumpy and not level.

In addition to contingency planning for construction, Ms. Roberts also consults on accessible designs for new building plans and facilities and assists the development and progress of the

university's accessibility plan as mandated by the provincial Accessibility for Ontarians with Disabilities Act.

Building designers have come a long way in their understanding of accessibility issues, she notes.

"There has been a shift in architectural thinking toward accessibility. A lot of thought goes into the plan before we ever get near it," she says.

### "It just makes financial sense to consult early."

Audrey Kobayashi

Audrey Kobayashi, professor of geography and a member of the Queen's Accessibility Committee, is also preparing for a difficult summer around campus. But she says there has been more consultation on these current construction projects than ever before.

"It just makes financial sense to consult early," she says.

Hard lessons have been learned in the past when finished work had to be ripped out, for

example, because doors weren't wide enough for modern wheelchairs, she says.

The current wave of construction, though trying, is a chance to enforce the university's accessibility policies, "so that the process emphasizes accessibility all the way through."

"I'm looking to see more curb cuts, more adaptations for low vision, and more upgrades and modifications to buildings that are actually welcoming rather than accommodating," says Dr. Kobayashi.

The end result would be a finished project that enhances the message that Queen's is an accessible university, she says.

"We can actually use the physical environment as a kind of text that signals policy."

There are also signs of growing interest and support for accessibility issues throughout campus. For example, hundreds of students expressed interest recently in taking two classes in American Sign Language recently offered by the Alma Mater Society. More classes are being organized to meet demand.

For more on road closures, see the story on page 1.

## Senate approves changes to convocation

By CELIA RUSSELL

For the first time in more than 35 years, spring convocation ceremonies will return to Grant Hall.

The last spring convocations in the Jock Harty Arena will take place this May and June. It will be torn down afterwards to make way for a new home for the School of Kinesiology and Health Studies, part of Phase 1 construction of the Queen's Centre project.

Senate approved the report of the Convocation Task Force and several recommendations related to convocation practices at its March 8 meeting. For 2008 and 2009, Grant Hall will host spring as well as fall convocations. The number of spring ceremonies will increase, due to Grant Hall's smaller seating capacity.

The changes are temporary, said Vice-Principal (Academic) Patrick Deane, chair of the task force. The university will review the changes immediately after 2008 spring convocations and further recommendations may be made as appropriate. Another review will take place in 2009, in light of new facilities being available at that time. Dr. Deane noted that the task force considered a

wide range of options and sought input from numerous constituents.

The recommendations include having the Senate appoint the Vice-Principal (Academic) and the Vice-Principal (Research) to preside at convocation in the chancellor's or the principal and vice-chancellor's absence. The principal will have the authority to exercise this decision in consultation with the chancellor. (Currently, the chancellor, principal and vice-chancellor and student rector normally preside at all ceremonies.) The rector will convene a meeting of student leaders to discuss how the rector's role could be fulfilled under the new model of multiple ceremonies.

Other recommendations include asking the central administration to allocate resources to create an "atmosphere of celebration on campus" during convocation ceremonies, to enhance the focus on the transition from students to alumni; and encourage deans, department heads and faculty colleagues to promote participation in convocation as an element of faculty service.

For the full report, see the March 8 agenda at [www.queensu.ca/secretariat/senate](http://www.queensu.ca/secretariat/senate)

### Other news from the March 8 Senate meeting:

**Vice-Principal (Advancement) search:** The search committee for the Vice-Principal (Advancement) position has begun its deliberations and the international firm of Spencer Stuart has been hired to assist in the process. The search committee hopes to have its work completed by the beginning of the next academic year.

**Senate approved:**  
 • The Enrolment Plan 2007/2008 – 2008/2009, allowing the University Registrar to make adjustments as necessary and appropriate to ensure that the total projected enrolment for 2007-2008 is achieved.


Vice-Principal (Academic) Patrick Deane noted the plan is consistent with the strategic goals of Engaging the World: A Strategic Plan for Queen's University and would guide budget and planning decisions within the institution. The goal is to keep undergraduate enrolment at 2006 levels and to plan for

continuing growth at the graduate level. Several new initiatives are in place to encourage graduate enrolment growth including recruitment initiatives and the development of a number of new graduate and professional programs. A lack of resources has prevented the university from meeting its graduate enrolment targets. The full report is available in the March 8 agenda, on the web at [www.queensu.ca/secretariat/senate](http://www.queensu.ca/secretariat/senate)

• Changing the name of the Certificate in Lesbian, Gay Bisexual and Transgender Studies to the Certificate in Sexual and Gender Diversity in the Department of Women's Studies, effective May 1. The change better reflects the range of topics offered in the areas of sexuality and gender studies.

• Revised terms of reference for the Helen and Arthur Stollery Professorship in Mining and Geological Engineering, subject to ratification by the Board of Trustees. The changes would increase the flexibility of the professorship and ensure the appointment process complies with the collective agreement.

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## A HANDS-DOWN WINNER



PHOTOS BY STEPHEN WILD

University Rector Johsa Manzanilla proves to be no match against Principal Karen Hitchcock in the recent second-annual Control Arms Arm Wrestling Competition at Grad Club. Dr. Hitchcock won the first two matches in the best two-out-of-three competition. In the team competition, defending champions The Grad Club were narrowly defeated by The Swash-bucklers. Queen's Control Arms, which is a student club, donated half the proceeds raised at the event to the Rachele Centre for child soldier rehabilitation in Northern Uganda.

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## Rock the Jock one last time

By ALISSA DELEY

The Queen's and Kingston communities will get one last chance to say goodbye to the Jock Harty Arena on Saturday, April 14.

Rock the Jock aims to fill the arena, at the corner of Union and Division streets, one more time, while raising money for Kingston Minor Hockey and the Partners in Mission Food bank.

"A Jock Harty Arena has been a part of the Kingston hockey community for more than eight decades, and has seen countless thousands of players, parents and fans skate the ice or observe from the stands - it is truly one of this city's hockey legends," says Leslie Dal Cin, chair of Athletics and

Recreation. "Our goal with Rock the Jock is to throw the doors wide open - to provide a fun day of activities that is open to the entire campus and Kingston communities to take another spin around the rink, catch the last game that will be played in the grand old place or bump into friends and share a memory or two."

The arena will be torn down this summer to make way for the Queen's Centre.

The day's events include a Queen's family skate - an open invitation to Queen's students, staff and faculty and their families from 1:30 to 3:20 pm. The Jock's Women's Hockey Alumni

game will take place from 3:30 to 4:50 pm followed by Jock's Kingston Community Skate from 5 to 6:20 pm, where members of the community will have the opportunity to skate with members of the Kingston Frontenacs hockey team.

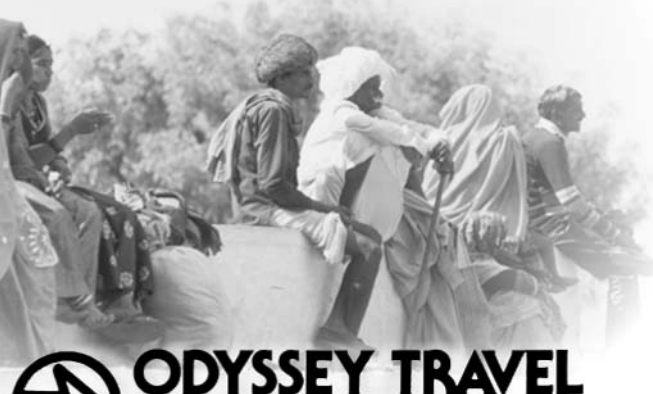
The main event, Jock's Last Hockey Game, starts at 7 pm, and features the Queen's Golden Gaels versus the RMC Paladins.

Admission is free all day; however donations will be accepted for the Partners in Mission Food Bank. A barbecue and refreshments will be available all day with proceeds to benefit Kingston Minor Hockey. [www.goldengaels.com](http://www.goldengaels.com)

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## VIEWPOINT

KEN CUTHBERTSON



## Long live print

A colleague recently sent me an "article" from one of those ubiquitous email listserves. In it, the writer explained why he feels print will soon be as dead as the eight-track tape player and the polyester safari suit. "Today's alumni are much more at home in an online setting," he said, "and they prefer electronic communications to print."

This voice of doom was a communications consultant intent on enlisting subscribers for his newsletter. But he wasn't saying anything new; he was echoing an argument that's been around for years.

Back in 1992, a futurologist named Frank Ogden was asked why he was producing books in digital format rather than on paper. "After Gutenberg came out with print, no one went back to the chisel," he quipped. But I doubt that Mr. Ogden or any of the other would-be soothsayers who were predicting the end of print at the time really knew the direction or full impact the coming of the Internet and digital communications would have on our society.

Changes come so thick and fast nowadays that we take them for granted. In reality, the e-driven changes of the past 15 years or so have affected virtually every aspect of our lives – politically, socially, and economically.

Small wonder that study after study has indicated that more and more people, especially the under-25 cohort, are comfortable getting their news, music, and entertainment online and dealing with material that's in e-format. Remember, the members of the Class of 2010 and their predecessors for at least the last five years have grown up in a wired world. They've always had the Internet, just as Baby Boomers always had television.

I admit to being a Luddite where much of modern technology is concerned; I don't own or ever want to own a bank access card, a cell phone, a Blackberry, an iPod, or any of that other marketer-driven junk, thank you very much. But I have taken to the Internet like a duck to water. Not a day goes by that I don't go online for several hours to access my email, check out the news headlines, or seek out information.

You can find almost anything online; mind you, there's no guarantee any of the information is accurate. As a perceptive colleague quipped the other day, "The Internet may be 100 kilometers wide, but it's only a centimeter deep." That's why I despair for the future of critical thought and analysis in our society. People today seem to know a little about a lot of things, but not much about anything in particular. And it's getting worse. After all, the "information highway" (remember that quaint term from about five years ago?) is a busy place, and we all suffer from information overload.

This affliction is very much a product of our times, and vice versa. Computer technology doesn't help. LCD screens aren't conducive to reading longer articles or books for study or pleasure, although they're excellent for giving us information in handy bytes. That's as far as it will ever go.

As a species, we're tactile beings. There's something reassuring and, yes, permanent about ink and paper. That's one reason I'm skeptical digital will ever completely displace print as the cornerstone of communication and intellectual inquiry. There are other reasons books and print will never disappear from our world. The arguments are too involved to wade into here. However, I will mention a couple.

For one: academics and armchair scholars have always been and continue to be print oriented – e-textbooks and CD ROMs be darned. It will take a seismic shift in attitudes to change that. The expression, "Post it or perish," doesn't have quite the same gravitas as "Publish or perish."

Unless Bill Gates et al. find a way to make computer technology a lot more user friendly and crash proof than it is, those of us who read for pleasure aren't likely to abandon our paperback copies of books for ones in digital format. You can't take your computer into the bathtub with you.

Another reason print will never disappear, at least not in academia, is that as demand for copies of hardcover books drops and cover prices rise, owning books once again will be a status symbol of a sort. Only those who are members of an intellectual or monetary elite will read, study, or collect "hard copies" of books and journals.

That notion, disquieting though it may be, is akin to the "print is dead" theory in that it's neither new nor original. I first heard it articulated about 15 years ago on CBC-Radio when the late Peter Gzowski interviewed Robert Fulford, the journalist and literary critic. Fulford's idea struck me as being prescient and logical then. It still strikes me that way now.

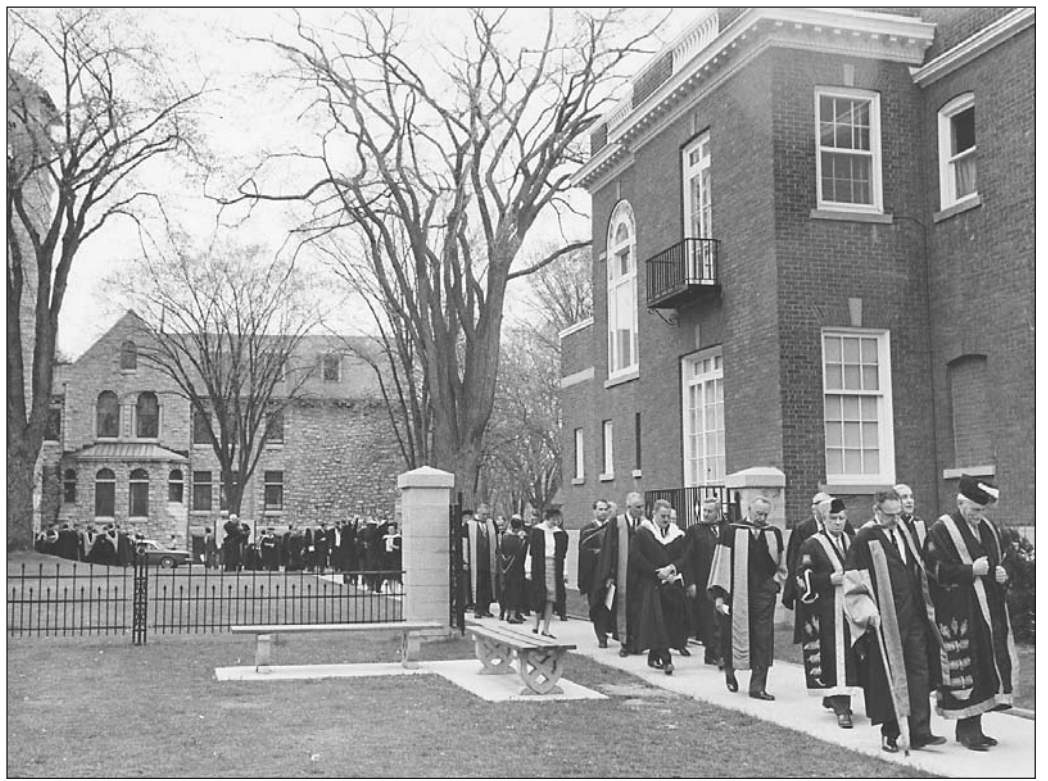
Sure, online "publishing" may succeed print as the mass communications medium of choice, but it will never replace it entirely. If anything, I'm betting the role of print will change, and as this happens its importance will be enhanced, not diminished. To paraphrase American humorist Mark Twain, "The reports of its demise have been greatly exaggerated."

Ken Cuthbertson is editor of the Queen's Alumni Review.

## Viewpoint Policy

The *Queen's Gazette* welcomes submissions for Viewpoint from members of the university community. Unless otherwise discussed in advance with the editor, articles should normally range between 600 and 750 words and should address issues related to the university or higher education in general. Speeches related to issues of interest to the university community are also welcome. Email submissions to [gazette@post.queensu.ca](mailto:gazette@post.queensu.ca). The editor reserves the right to edit or reject any submission that does not comply with policy. Opinions expressed are those of the writer.

## QUEEN'S FLASHBACK: 1967



COURTESY OF QUEEN'S ALUMNI REVIEW

## QUEEN'S FLASHBACK: 1971



WALLACE R. BERRY

The top photo shows the academic procession filing past the Agnes Etherington Art Centre after leaving a Grant Hall convocation in 1967. Above, graduands participating in its first spring convocation file into the Jock Harty Arena in 1971. The last spring convocations in Jock Harty take place this May and June. It will be torn down afterwards to make way for a new home for the School of Kinesiology and Health Studies. Grant Hall will again host spring as well as fall convocations for 2008 and 2009, and the number of ceremonies will increase. Those with more information about the photos are encouraged to email [gazette@post.queensu.ca](mailto:gazette@post.queensu.ca)

## Letters

## Those living off campus enjoy many support systems

I would like to comment on the article, "Reaching out to students, near and far" (March 12, page 5) about Queen's new community outreach coordinator, Marija Linjacki.

I believe you have been misinformed and therefore misinforming your readers as well. I'm with FYNIRS (First Year Not In Residence), a campus organization dedicated to providing services and support to those not

living in residence for the past 10 years. This includes off-campus dons, a lounge, year-round events and even our own orientation week.

We at FYNIRS enjoy your paper but were disappointed that your article made it seem as though there weren't any support systems for people off-campus until Ms. Linjacki and Dean Jason Laker came along. Although they do provide lunches and a knitting club, they have mostly been referring students to us. They are indeed providing a great resource for students however, they are currently serving a smaller group of

students, while we have more than 200 students on our regular mailing list, plus more than 150 frosh each year.

FYNIRS: Raising the roof, widening the walls since '97.

**Angela Nemec**  
2007 FYNIRS Assistant Chair  
[fynirs@ams.queensu.ca](mailto:fynirs@ams.queensu.ca)

*Editor's note: Associate Vice-Principal and Dean of Student Affairs Jason Laker says his office is in the process of "adopting" the FYNIRS and the NEWTS (New, Exchange and Transfer Students) programs to provide both cross-faculty programs with an administrative resource.*

## Letters Policy

The *Queen's Gazette* welcomes letters to the editor from members of the university community and other readers about matters related to content in the *Gazette*, the university or higher education in general. Letters must be original and addressed to the editor. Opinions expressed are those of the writer. The *Gazette* does not publish anonymous letters. Please include your name, affiliation and phone number. Email is preferable. Letters should be submitted by noon to [gazette@post.queensu.ca](mailto:gazette@post.queensu.ca) on the Monday before publication. The *Gazette* reserves the right to edit letters to address style, length and legal considerations.

# Hungry for research? Keep current with RSS feeds

Keeping up to date with the latest research discoveries, trends and news has never been more important or more challenging. Fortunately, there's a new technology called RSS that can help researchers keep abreast of the latest developments in their fields. RSS provides a way to automatically deliver web-based content, such as papers published in scholarly journals or grant announcements, to your desktop without requiring you to visit individual websites, databases or search engines.

Computer-based current awareness tools are not new. For many years, researchers have been able to receive journal table of contents, new book announcements and database search updates via email. But email may no longer be the best method for collecting and managing this type of information. The average user receives dozens if not hundreds of messages every day. With that kind of volume it's easy to accidentally overlook or "file and forget" important research announcements.

The web is also changing scholarly communication itself. Many publishers now make peer-reviewed papers available online well in advance of their official journal publication dates. An increasing number of websites offer the latest research news, new publications and patents, conference reports and grant announcements in daily, or even hourly, updates. Researchers are also adopting new web-based technologies, such as blogs and wikis, to communicate and collaborate online, further adding to information overload. RSS is an easy and effective way to monitor all of these sources of informa-



MICHAEL WHITE

Library Now

tion.

RSS stands for "Really Simple Syndication" (or "Rich Site Summary"), an umbrella term generally applied to a family of standards for disseminating frequently updated digital content, such as blogs, news and weather. RSS is based on XML, or eXtensible Markup Language, a format used to structure data in such a way that it can be understood by different software and platforms. An RSS feed, also known as a news feed, is simply a channel for RSS-formatted data.

To subscribe to RSS feeds, you must use an RSS newsreader or a web browser that understands RSS. For example, Mozilla Firefox and Internet Explorer 7.0 have built-in support for RSS feeds. If you're already using one of these browsers, you can quickly start subscribing to and reading RSS feeds. However, many people prefer managing their feeds using a web-based news aggregator such as Bloglines, Google Reader or NewsGator. The advantage of using a web-based newsreader instead of a web browser is that you will be able to access your feeds from any computer. Many of these services are free and also

provide useful tools for managing feeds.

Once you've created your newsreader account, simply go to your favorite journal, database or website and look for an RSS icon. Click on the icon to add the feed to your newsreader or manually cut-and-paste the feed's URL into your newsreader or web browser. Once you've subscribed to a feed, it will automatically collect, store and display new content as it is published.

A good place to start populating your newsreader is the Queen's University Library website, which publishes several feeds for library news, events and new resources. There are now hundreds of scholarly journals with feeds and the number is growing. For example, the Nature Publishing Group, publisher of Nature and other leading research journals, and the American Association for the Advancement of Science (AAAS), publisher of Science, both offer RSS feeds. Publishers, societies and funding agencies have created RSS feeds for specific topics and audiences.

The library also subscribes to a number of research databases that support RSS feeds. These include Web of Science (interdisciplinary), Biosis Previews (life sciences), Compendex (engineering) and Inspec (astronomy, computing, electronics and physics). These are just a few of the thousands of resources that support RSS. Look for more information about RSS on the library website or contact your liaison librarian to find out what journals, databases and websites in your field support RSS.

Michael White is Public Services Librarian for Research Services.

# Watch for phishing scams

Recent events on campus have made the threat of phishing scams very real. This article will describe phishing, how to prevent it and what to do if you get hooked.

Phishing is a term to describe a very popular form of communication scam that is currently a big problem. Email is its most common form, but it can also be "snail mail", that appears legitimate and is asking you for a justifiable request. The purpose of phishing is to gain personal information from you to be used to conduct identity theft. Identity theft occurs when someone uses your personal information illegally to obtain access to your financial information or pretends to be you (spoofing) to obtain credit cards in your name. Identity theft is one of the fastest growing criminal activities in Canada.

The most important thing you can do is be aware of these scams and be suspicious of every message you receive from an unknown source. Often they look very legitimate with the logos, slogans or other identifying marks of a real company like eBay, CIBC or Amazon. You are directed to a clickable link where you may be instructed to verify your information or provide personal information like your driver's licence or credit card number. If you highlight that link, the address of the real web site you will be directed to appears in the bottom left corner



GEORGE FARAH

Plugged In

of your screen. You'll notice that the link is unrecognizable or does not match the company that appears in the email. The link may also have a lot of different characters in it like % and #. Other characteristics of scams are spelling errors and slight changes to logos. Remember that Microsoft never sends updates for their software by email, so any email from Microsoft asking you to "click here" to upgrade your software is a scam.

The best rule of thumb when you receive one of these messages is to delete it. Do not open it, do not click anywhere in the message. Once you've deleted it, empty your deleted items folder. If you are not sure if a request is legitimate or not, contact the company yourself by searching their website - do not click on the link to the Web site in the email. Another good practice when entering your personal information on a Web site is to

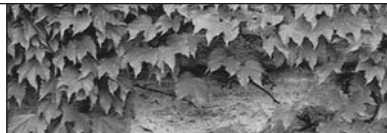
check that you are on a secure server. To do that, look at the address field in your browser - a page where you enter your information should begin with HTTPS, which means you are on a secure server. Also, when you are on a secure server, the padlock icon in the bottom right corner of your browser will close.

If you are the victim of identity theft, it's important you contact the police in your area and report it. You can also report the incident to Phonebusters, the Canadian anti-fraud centre ([www.phonebusters.com](http://www.phonebusters.com)). There is also an anti-phishing work group ([www.antiphishing.org](http://www.antiphishing.org)) that is building a database of phishing cases to help inform people of the risks. This is a serious crime with very real consequences for the people who get hit.

What is Queen's doing about phishing emails? ITServices has an industry standard list of identified spam that we keep up to date. This list is used by our spam filters to block these messages from entering our Queen's Email system. Unfortunately, not all of them are identified and some pass through as regular email to a recipient. Hence, your awareness is critical to your ability to protect yourself.

George Farah, GSEC Gold, is Information Systems Security Manager with Information Technology Services.

## UNIVERSITY ROUNDUP



### Happiness 101

In fall 2007, Claremont Graduate University will offer the world's first doctoral program in positive psychology. Students will have an opportunity to explore human creativity, how to enhance flow at work, and optimal performance and achievement. Faculty members say that most research on human behaviour focuses on what goes wrong in human affairs: aggression, mental health, etc. They hope that the program will help build credibility for this new field of psychology and think students will apply what they learn to real-life settings.

Claremont Graduate University website ([www.cgu.edu/](http://www.cgu.edu/)), March 15

### Post-secondary applications a must

A Maine legislative leader has proposed a new law requiring all graduating high school students to complete at least one college application before getting their diploma. The proposed bill is in response to figures that show Maine is 7 per cent below the average rate of New England students who attain college degrees. The idea came from a southern Maine school, which started requiring students to complete college applications, and as a result has doubled its college attendance.

Associated Press, March 9

### Students fight rising bookstore costs

The Students' Society of McGill University (SSMU) announced that it has purchased the Montreal Haven Books store in an effort to open an independent bookstore in time for summer classes. SSMU has been in secret negotiations with the store's owner since October 2006, and negotiations have been kept quiet to avoid competitive bids or attempts by the university's administration to discourage the purchase of the bookstore. The goal of the store is to offer students competitive rates on their books. It will be completely run and operated by McGill students and will offer a consignment system with the profits going to students.

McGill Daily, March 5

### Get a ride at CampusLifts.ca

Students at the University of Western Ontario have launched CampusLifts.ca, a website for Ontario university and college students to offer rides to other students who are in need of a lift. Students log onto the site and sign-up using their university emails. They also have the option of creating a profile with a picture and personal information. After creating their account students can choose their date of departure, destination and whether they're looking for a one-way or round-trip ride. However, Western's student newspaper suggests there may be flaws in the site's concept, including lack of vehicle safety tests and driver record information. CampusLifts is meant to promote more affordable and environmentally friendly travel.

The Gazette, University of Western Ontario, March 20

### Sororities for moms

University of Missouri-St. Louis has created a new sorority for student moms. Mu Tau Rho stands for "Mothers Together in Parenting," and aims to bring together student mothers who are struggling to raise and provide for their children, while also offering them an opportunity to become a sorority member. The group at Missouri-St. Louis has reached a membership of 12 and continues to grow. Northern Illinois University has also started a sorority for student-moms called Mu Omicron Mu (whose initials spell "MOM").

Associated Press, Boston Globe, March 8

### U of T launches their Rolling Stone

University of Toronto has launched the first campus magazine dedicated featuring all musical genres. *Demo*, a 16-page free publication is an initiative of a U of T student music committee. When the group realized there was a diverse interest in music on campus that wasn't being satisfied by the regular student media, they decided to start the magazine. Editor-in-chief Macy Siu says that the goal of *Demo* is to feature musical indulgences both on and off campus, especially from student artists at U of T.

University of Toronto website ([www.utoronto.ca/](http://www.utoronto.ca/)), March 7

### We'll have no piece of it

Smith Falls Ontario's Hershey factory is closing. In response, Belleville's Loyalist College is boycotting all Hershey products. Hershey currently employs about 500 people at the Smith Falls location. Loyalist, which has about 2,600 full-time students, has asked its food service provider, Chartwells, to remove all Hershey products from its vending machines and other snack outlets. The organizer of the boycott, Geoffrey Cudmore, dean of media studies, said that the closure of the plant isn't the right way to treat the employees or the communities in Ontario.

Ottawa Citizen, March 8

Compiled by Molly Kehoe



CP IMAGES

OFCRIN Director Brant Peppley (Chemical Engineering) instructs graduate students Adam Shaw (Mechanical and Materials Engineering), on right, and Ed Thomas (Chemical Engineering) on conductivity testing.

## Funding puts network in the driver's seat

### GOVERNMENT INVESTS \$5.4 MILLION IN FUEL CELL RESEARCH

By NANCY DORRANCE

The Ontario Fuel Cell Research and Innovation Network (OFCRIN), based at Queen's, is receiving a powerful financial boost from the Ontario government.

OFCRIN, a partnership between researchers from eight universities and 12 industry partners, has been awarded \$5.4 million to develop new materials and manufacturing methods for fuel cells – a clean energy technology that can produce electrical power from a wide range of

fuel sources. Because of their high efficiency, they are able to significantly reduce the production of greenhouse gas (GHG) emissions.

"We are involved in a number of collaborations with the private sector to improve the performance of fuel cells, and are working with several companies who will be the end-users of fuel cell products," says OFCRIN Director Dr. Brant Peppley (Chemical Engineering). "This grant will enable OFCRIN to train the highly skilled personnel who will drive this industry as it grows."

As the foremost location for automotive manufacturing in Canada, Ontario is poised to become a leading global centre for fuel cell production, said

Premier Dalton McGuinty, in announcing the new funding.

**"This grant will enable OFCRIN to train the highly skilled personnel who will drive this industry as it grows."**

*Brant Peppley*

"We're laying the foundation for generations of research talent to come. By investing in our people and their ideas, we'll

continue creating the culture of innovation that will make Ontario a global leader in the knowledge economy."

Fuel cells – which produce energy by converting gases, most commonly hydrogen and oxygen – are a particularly promising technology for the automotive sector, where manufacturing methods can be easily adapted to produce fuel cell systems. To date, however, this replacement technology for the internal combustion engine has remained beyond the price range of the average automotive consumer. One goal of the new project is to work towards ways of making fuel cell systems less costly.

In addition to Queen's, the other institutions involved in

OFCRIN are Royal Military College, McMaster University, University of Western Ontario, University of Ontario Institute of Technology, University of Ottawa, University of Waterloo, and University of Toronto.

This is the second Queen's project to receive funding under the Ontario Research Fund Research Excellence program, bringing the total to \$17 million invested in Queen's-based research projects to date. In September, the High Performance Virtual Computing Laboratory (HPCVL) received \$11.5 million to provide researchers around the world with support and high performance computing resources.

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

## Girls in Palestinian war zones outperform boys academically

By MOLLY KEHOE

Palestinian girls focus on studying and writing, and are generally found to do better at school than boys during war time, a new study from the Social Program Evaluation Group (SPEG) shows.

"War and violence limit opportunities for girls," says Hana Saab, a research associate with SPEG's Palestinian youth project. "But they suffer the consequences much differently than boys." Funded by the International Development Research Centre (IDRC), the research was conducted through a partnership between Queen's and Birzeit University. Carried out in the West Bank's occupied Palestinian territory, findings suggest that gender roles have a significant impact on how girls deal with the effects of living in contexts of prolonged

conflict and violence.

Current research also suggests that the different needs of both sexes should be identified when

designing approaches for working with Palestinian girls and boys with psycho-social and emotional health needs due to

war zone conflict.

"Psycho-social mental health interventions have to be designed in ways that address gender differences and can't follow a biomedical model where everyone is treated in the same manner," says Ms Saab, a doctoral candidate in the Faculty of Education.

She suggests that girls are more social than boys, which means peer-to-peer support and group counselling are more effective in addressing psycho-social and emotional health issues in girls. SPEG is currently conducting a pilot project in the West Bank to test these forms of treatment.

"Working with community-based rehabilitation centres, our research groups hope to develop an approach for dealing with mental health issues that are

sensitive to cultural values and gender roles," says Ms Saab.

The research consisted of two phases, which surveyed more than 3,400 girls and boys in grades 10 and 11. The first phase highlighted a need to address gender differences in the way youth respond to trauma, and how the social conditions surrounding them changed in response to conflict and violence.

Ms Saab recently participated in a panel discussion on the Status of Women, at the United Nations Commission in New York. As part of this of the discussion of how girls survive in situations of violence and armed conflict, her contribution was a discussion of gender issues compiled by SPEG's research among adolescents in the West Bank.



COURTESY OF SPEG

Palestinian girls react differently than boys to the trauma of war.



# Study connects common foods with cancer

**EAT MORE GARLIC,  
FEWER FERMENTED  
FOODS AND  
BEVERAGES, SAY  
RESEARCHERS**

By NANCY DORRANCE

A research team led by Poh-Gek Forkert (Anatomy and Cell Biology) has dispelled the popular notion that eating so-called "natural" foods will protect against cancer.

In fact, certain types of common foods and alcoholic beverages such as wine, cheese, yogurt and bread contain trace amounts of carcinogens. Maintaining a balanced diet from a variety of sources – including garlic – is a better choice, Dr. Forkert suggests.

A naturally-occurring carcinogen found in alcoholic beverages and fermented foods causes DNA modification and mutations, ultimately leading to abnormal cell growth and lung cancer, she explains. Her studies also show that a component of garlic significantly reduces these changes.

The team includes PhD student Lya Hernandez and post-doctoral fellows, Drs. Heidi Chen and Ashish Sharma (all from Anatomy and Cell Biology). Also collaborating on the team are PhD student Martin Kaufmann (Biochemistry) and professors Glenville Jones (Biochemistry), and Raymond Bowers (Chemistry).

The researchers are studying the effects of treatment with vinyl carbamate in mice. This substance is derived from ethyl carbamate (urethane), a by-prod-

uct of fermentation found in alcoholic beverages, and fermented foods like cheese, yogurt and bread. It is also present naturally in tobacco.

Now labeled as a potential human carcinogen by both the World Health Organization and the International Agency for Research on Cancer, urethane was given inadvertently to millions of patients in Japan, between 1950 and 1975, in anesthetic and sedative drugs. It was estimated that the total dose of urethane administered to a 60-kilogram patient was about 0.6 to 3.0 grams. This is believed to be the largest dose on record of a pure carcinogen administered directly to people.

**"Have a varied diet,  
limit drinking  
certain alcoholic  
beverages ...and  
include garlic!"**

Poh-Gek Forkert

In 1985, Health and Welfare Canada placed limits on urethane contained in Canadian (but not imported) alcoholic beverages. "The problem is how to regulate the levels in imported goods," says Dr. Forkert.

In these studies, the mice were administered a single high dose of the carcinogenic chemical. Human exposure differs from that in mice in that it is much lower, and occurs over a prolonged period of time. A question has been raised regarding the effect on people who ingest low levels of the chemical daily over many years, and perhaps

over a lifetime.

"We believe that people should not be apprehensive about consuming these foods and beverages: if consumed at low levels, they probably don't

pose a risk. It might be prudent, however, to have a varied diet and to limit drinking certain alcoholic beverages," says Dr. Forkert. "And be sure to include garlic!" she adds.



BERNARD CLARK

Poh-Gek Forkert's (Anatomy and Cell Biology) research team has discovered that some common foods and beverages are associated with cancer.

# Sharing obesity expertise internationally

By LORINDA PETERSON

A new federal government initiative that partners Canadian researchers with researchers in the developing world is investing up to \$1.6 million in collaborative research aimed at reducing obesity in Mexican children.

Queen's collaborators led by

Kinesiology and Health Sciences researcher, Peter Katzmarzyk, and researchers from the University of Guadalajara in Mexico will address childhood obesity and healthy body weights in Mexico. This multi-disciplinary research will inform the development of programs and policies aimed at

combating obesity as it relates to under-nutrition in Mexico and in other developing countries that are beginning to experience similar problems.

"Canada is a world leader in the field of obesity research, and this represents a valuable opportunity for us to share our knowl-

edge and experience with a country that is beginning to experience problems similar to those we've already been through," says Dr. Katzmarzyk.

The complex nature of health problems in Mexico due to rapid economic and social changes is placing a severe burden on public health.

"We hope that by engaging researchers in Mexico, we will be able to have a lasting positive influence on the health of their country's children and youth," adds Dr. Katzmarzyk.

The research collaboration is one of 13 projects pairing Canadian health researchers with counterparts in the developing world that will receive more than \$20 million in funding through the Teasdale-Corti Team Grants.

"This is very exciting news," says Vice-Principal (Research) Kerry Rowe. "The Teasdale-Corti Team Grant will provide Dr. Katzmarzyk and his colleagues with a significant opportunity to make a genuine international contribution both by increasing research capacity in Mexico, and by combating the dual problem of obesity and under-nutrition in developing countries beginning to experience this phenomenon."

The grants will be awarded through the Global Health Research Initiative (GHRI), a partnership between the Canadian Institutes of Health Research (CIHR), the Canadian International Development Agency (CIDA), Health Canada, and the International Development Research Centre (IDRC).



STEPHEN WILD

Lead researcher Peter Katzmarzyk (Kinesiology and Health Sciences) and PhD student Caitlin Mason are part of an international team helping to develop childhood obesity research programs in Mexico.

## IN BRIEF

### New hope for male infertility

Researcher Richard Oko (Anatomy and Cell Biology) has been recognized by a major journal for his promising work to develop a protein that may help treat male infertility.

New funding from NSERC's Proof of Principle program will allow Dr. Oko to test the ability of a sperm-derived protein to activate the female egg during fertilization. His research paper was recently chosen by the *Journal of Biological Chemistry* (JBC) as a Paper of the Week, signifying its ranking by JBC's editorial board and associate editors as being in the top 1 per cent of the 6,600 papers they review each year. Dr. Oko's findings offer the potential to improve the disappointing success rates associated with a type of in-vitro fertilization in which the sperm is directly injected into the egg cell.

"The technology shows promise in increasing the success rate of artificial reproduction in animals, as well as overcoming male infertility in humans," he says.

Dr. Oko is working with Drs. Warren Foster of McMaster and Peter Sutovsky of University of Missouri-Columbia to demonstrate that the protein can boost the success rate of this type of in-vitro fertilization, which is normally only about 20 to 30 per cent. A U.S. patent has already been issued for the technology and Queen's tech transfer office, PARTEQ, has also filed Canadian and international patent applications.

### Demystifying brain research

To celebrate Brain Awareness Week, the Neuroscience Outreach Program (a non-profit student-run initiative) of the Centre for Neuroscience Studies is hosting public information sessions about health research at Queen's. Researchers from Medicine, Anatomy and Cell Biology, Education, Physical Medicine and Rehabilitation, Psychology, Rehabilitation Therapy, and Psychiatry will present overviews of their current work.

Today's session, from 1:30 to 4:30 pm at St. Mary's of the Lake Hospital, will focus on aging, with a discussion on dementia and Alzheimer's disease. A session on childhood development takes place tonight from 6:30 to 8:30 pm at the Kingston Public Library branch on Johnson Street.

On Tuesday, March 27, childhood disorders such as autism, Down syndrome and anxiety will be discussed at the Isabelle Turner Public Library from 6:30 to 8:30 pm. St. Mary's of the Lake Hospital will host a session about physical rehabilitation from 1:30 to 4:30 pm. Both sessions about childhood will offer free child minding.

Kingston high-school students will participate in eye-hand coordination and imaging demonstrations on Wednesday, March 28 from 9 to 11:30 am. St. Mary's of the Lake will host a session on physical rehabilitation from 1:30 to 4:30 pm, including a discussion of chronic pain and stroke.

For more information about any of these sessions or about the Neuroscience Outreach Program, visit: [www.queensu.ca/neurosci/neuro\\_outreach.htm](http://www.queensu.ca/neurosci/neuro_outreach.htm)

## IN BRIEF

### Kids get active with the Golden Gaels

The Queen's Golden Gaels men's and women's hockey teams will help kick off Kingston, Frontenac, and Lennox & Addington Public Health's TV Turnoff Challenge on Monday, March 26. From 5 to 7 pm, children are invited to skate with the Gaels at the Jock Harty Arena in a Kick-Off Party free skate.

The challenge runs March 26-30 and is part of a provincial initiative promoted throughout communities in Ontario to decrease inactivity rates and increase physical activity rates among Ontarians.

Children are encouraged to participate in the community events set up by KFL&A Public Health.

The Gaels women finished their season March 11 with a silver medal at the OUA Finals while the men finished their season in late February with an OUA East quarterfinal loss to the Ottawa Gee Gees.

### Tune into Women's Word on CFRC

Tune into Women's Word, a new radio show hosted by Daniella Moss and Andrea Phillipson. It airs Fridays from 11:30 am to noon on 101.9 FM CFRC, and is brought to you by the Ban Righ Centre.

# Major U.S. endowment boosts Theological College youth program

Queen's Theological College has been awarded \$531,058 (USD), in a second major grant by the Lilly Endowment Inc. to help sustain Future Quest, an annual summer youth program the college launched in 2003.

Designed specifically for high school youth from across Canada who wish to explore their Christian faith tradition and how it relates to their daily lives, leadership development, and future vocations, Future Quest was first funded by a grant from the endowment for the period 2003-2006. This new funding will help to sustain the program until the end of summer 2010. The college is currently seeking matching funds for the Future Quest Program to complement the grant from the endowment.

"This is very good news for youth and for Queen's Theological College," says Queen's Theological College Principal Jean Stairs. "Future Quest has proven itself to be a fantastic annual summer experience that challenges young people with hands-on, real-life learning opportunities in an intentional community living setting.

"With this second grant, we will be able to continue to extend and grow this opportunity for high-school youth from across Canada," says Dr. Stairs, a professor of practical ministry.

"They journey inward to sharpen their self-awareness as well as look outward and explore what it means to live their faith in a global community, while



COURTESY OF QUEEN'S THEOLOGICAL COLLEGE  
Future Quest campers check out a grasshopper at the 2006 summer session.

developing essential personal and leadership skills."

Queen's Theological College is the sole Canadian institution to receive a supplemental grant for youth programming from the Indiana-based endowment, a private family foundation that supports a wide variety of initiatives in religion, education and community development.

The grant is part of a continent-wide endowment program intended to provide theological schools with resources to engage high school youth in theological study and inquiry.

With the financial support of the grant, Queen's Theological College will continue to offer the

annual two-week Future Quest summer program on the campus of Queen's University in Kingston, ON, in partnership with Science '44 Co-op.

Drawing upon its award-winning multi-faith and ecumenical faculty and upon a variety of community leaders as teachers for Future Quest, Queen's Theological College will host the 2007 Future Quest program Aug. 12-25 for 30 high school youth between 14 and 17 years of age. Future Quest employs five senior staff and two junior staff during the month of August, creating unique and challenging employment, leadership and mentoring opportunities annually.

Future Quest includes learning about other world religions and developing a greater sensitivity to these faith traditions and practices as part of living in a pluralist society, community social service, a three-day eco-spiritual canoe trip, intentional community living and leadership development, and theological study and exploration.

Future Quest participants also examine restorative justice principles and area programs, learn about ministry in rural areas and among aboriginal people and work with community agencies and chaplains serving the homeless and the poor.

**"With this second grant, we will be able to continue to extend and grow this opportunity for high-school youth from across Canada."**

Jean Stairs

An annual winter reunion retreat takes place each February to provide an opportunity for past participants and staff to reflect on their Future Quest experience.

## CANADIAN CLUB OF KINGSTON

Luncheon meeting: noon, Thursday, April 12

**"Cancer: Are we close to a cure?"**

Speaker: Dr Elizabeth Eisenhauer

President, National Cancer Institute and Director, Investigational New Drugs Program (Oncology), Department of Medicine, Queen's University



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## The best antidote to worry is knowledge

If there is any redeeming feature about the human proclivity to worry, it is its consistency. For individuals, the list of angst-producing events is largely predictable: One's health, economic livelihood, taxes, and the state of the world, usually top the list, along with the certainty that the next generation is utterly incapable of dealing with any of them.

The same appears to be true in politics. Most governments perpetually worry about the same things. For Canada, national economic worries usually involve three things: a) generating domestic prosperity; b) ensuring that prosperity is distributed somewhat evenly across the country; and c) making sure efforts to achieve a and b do not imperil Canadian sovereignty, national identity, and sense of independence.

Recent events have infused these debates with new energy. The prospect of furthering North American security and economic integration is once again on the table, and interested constituents are already taking sides.

Two efforts are of particular note. At the political level, the trilateral Security and Partnership (SPP) program has made headlines, as senior foreign officials from the governments of Canada, the United States, and Mexico meet to discuss further methods of continental integration. On the economic level, the SPP has approved the creation of The North American Competitiveness Council (NACC) – composed of 30 prominent chief executive officers of major corporations, 10 each from Canada, the United States, and Mexico –

whose mandate is to advise the relevant public ministries of the economic importance of continued integration. The NACC has been meeting regularly for almost a full year now. Their major argument is that such efforts will boost national competitiveness, that magical elixir that makes companies profitable and national economies grow.

While the agenda of these two groups appears harmless enough – after all, who could be against cutting down wait times at borders, or increasing economic growth – their existence has generated popular excitement out of all proportion to what they have actually done. Judging from the commentary on web blogs alone, many interested observers are suspicious that the SPP and Competitiveness Council are up to no good: that they wish to erase national borders, sovereignty, and independence in the name of creating a vast, integrated North American economic juggernaut that can compete with the rising

### After all, as Henry Kissinger noted, even paranoid people do have actual enemies.

giants of China and India.

While such claims are at best questionable and at worst downright silly, their origin does deserve a closer look. After all, as Henry Kissinger noted, even



DAVID DETOMASI

### Expert Outlook

paranoid people do have actual enemies. One relevant question is that of timing. Why is it that the benefits of continental economic and security cooperation are being pushed now? Put simply, it is because a large chunk of the public appears to think there aren't many, and that is in itself worrisome.

A case in point is the United States, in which a Democrat Congress is seeking to rein in an apparently reckless Republican President. One avenue of doing so is to place increasing restrictions on the international trade agreements the President can negotiate. This Congress is increasingly voicing concerns about America's trade deficit which is set to approach a trillion dollars over 2006. Their outcries are usually accompanied by such phrases as "free trade", "level playing field" and even the ominous "protectionism", all in the name of protecting the American worker. It makes wonderful copy.

Unfortunately, it is not really true. These outcries have little relationship to real economic evidence which shows that lowering trade barriers creates as many jobs as it eliminates, that

the amount of jobs lost due to trade openness is miniscule when compared with the overall churn in the domestic workforce, that freer trade also lowers prices on consumer goods, raises disposable income, and encourages innovation and specialization in production. That is all ultimately to the consumers good. But that is not always what they feel, or believe. When it comes to the ballot box, voters often go with their gut, rather than what economists tell them is true.

Economists are getting the hint, and are realizing that econometric evidence alone does not sell the public on the benefits of international trade. A recent article by Gregory Mankiw and Phil Swagel in the Journal of Monetary Economics noted how media references to "outsourcing" skyrocketed as the 2004 Presidential election

### When it comes to the ballot box, voters often go with their gut, rather than what economists tell them is true.

drew near, and that that such references had an equally dramatic fall off after the November election.

Mr. Mankiw ought to know. He was serving as the chairman of the President's Council of Economic Advisers during the

2004 election, and was the administration's point person explaining to the public why outsourcing was actually good. That proved difficult. Media references rarely made a positive case for outsourcing. If Mr. Mankiw and Mr. Swagel are right, economic truth rarely got in the way of a good story.

Dr. Mankiw and Dr. Swagel also noted how the business community within the United States – represented by the Business Roundtable (BRT), an association of U.S. CEO's – developed a communications strategy for their members such that the effects of what they were doing did not sound so bad. They urged their members to choose their public utterances with care and with an eye to their potential electoral impact: The lesson is clear: economics in an election year becomes highly political.

The SPP and NACC seem to have learned that lesson well. Part of their purpose is to create institutional links between the three participating countries that can foster cooperation, and that is probably all to the good. But such efforts serve another purpose: to shape political debate and enhance economic integration while the political waters are relatively still. The timing is good. The U.S. Presidential race has yet to really get going and Canadians seem to be in no hurry to hold a federal election. Economic evidence can work now: In the long run, the best antidote to worry is knowledge.

David Detomasi is a professor of international business at the Queen's School of Business, where he teaches government-business relations.

## Experts address cell phone service, music marketing, and the Charter of Rights and Freedoms

### QUEEN'S IN THE NEWS

Highlights of Queen's experts in the media

Mar. 6 – 19

**Ken Wong** (Business) comments on future cell phone service offerings in the *Globe and Mail*, *National Post*, and on *cbc.ca*. He also comments in the *National Post* about musicians using YouTube and MySpace as marketing tools.

**Don Stuart's** (Law) comments about the Charter of Rights and Freedoms continue to be highlighted in the *Globe and Mail*. He also comments in the *Kingston Whig-Standard* and other *Osprey* papers about a local woman's quest to sue a former pathologist.

**George Logan's** (English) expertise in 16th-century literature is highlighted in the *Globe and Mail*.

**Tom Courchene** (Policy Studies) comments in the *Globe and Mail* about what it takes for Canada to be successful in the modern world.

Urban geography expert **Betsy Donald** (Geography) comments



Courchene



Cuddy



Donald



Forkert



Handelman



O'Grady



Rosenburg



Stuart

in the *National Post*, *Montreal Gazette*, and *Kingston Whig-Standard*, and on *CBC-Radio's Ontario Morning* about the implications of the census results.

**Tom Axworthy's** (Policy Studies) opinion pieces about the character of *Stephane Dion* as a leader and Canadian governance are published in the *Toronto Star*. He also participates in a debate on fiscal imbalance on *CBC-Radio's The House*.

**Defence expert Doug Bland** (Policy Studies) comments in the *Toronto Star* about the Honourable *Gordon O'Connor's* statements about prisoners captured by Canadian forces in Afghanistan.

**Shawna O'Grady** (Business) comments in the *Ottawa Citizen* about team building development for new companies.

**Stephen Harrison** (Mechanical and Materials Engineering)

comments about energy-efficient buildings in the *Ottawa Citizen*.

Emeritus professor **Gerald Wilde's** (Psychology) expertise on homeostasis is highlighted in the *Vancouver Sun* and *Edmonton Journal*.

**Jay Handelman** (Business) comments in the *Sudbury Star* on the boycott of the *Hershey* plant in *Smith Falls*.

**Poh-Gek Forkert** (Anatomy and Cell Biology) comments about her research that suggests fermented foods and beverages contain trace amounts of carcinogens in the *Kingston Whig-Standard*, and on *Kingston's CKWS-TV* and *CHUM-Radio*.

**Brant Peppley** (Chemical Engineering) comments about a million-dollar government investment in fuel cell research in the *Kingston Whig-Standard* and on *CKWS-TV*.

**Lola Cuddy** (Music) comments in the *Kingston Whig-Standard* about research that explores how *Alzheimer's* patients respond to music from their pasts.

**Andrew Daugulis** (Chemical Engineering) comments in the *Kingston Whig-Standard* about how ethanol additives cause smog.

**Nicholas Bala** (Law) comments in the *Kingston Whig-Standard* about the success of the *Youth Criminal Justice Act*.

**Jim Ridler** (Business) comments about faulty disclosure of earnings by *Research in Motion (RIM)* on *CBC-Radio's Ontario Morning*.

**Sharryn Aiken** (Law) discusses the security of detainees at *Millhaven Institution* on *CBC-Radio's Ontario Morning*.

**Erik Knutsen** (Law) comments about a local woman's right to sue a former pathologist on *CBC-*

*Radio's Ontario Morning* and *All in a Day*.

**Douglas Reid** (Business) appears on *CBC-TV's The National* to discuss *Air Canada* operations.

**Mark Rosenberg** (Geography) is interviewed on *CKWS-TV* and *CHUM-Radio* regarding the census.

**Roel Vertegaal** (Computing) comments in *Maclean's Guide to Canadian Universities 2007* about his research that uses a TV camera, which will one day let people change channels by simply looking at an onscreen menu.

**NEWS and MEDIA SERVICES**

To inform us of your latest research findings or upcoming journal publications, call Senior Communications Officer Nancy Dorrance, 613-533-2869, or Communications Coordinator Lorinda Peterson, 613-533-3234.

## Streets

continued from page 1

the John Deutsch University Centre to just west of University Avenue will remain closed until July 27.

To make way for the revitalization of University Avenue, it will be closed between Union Street and the main entrance of Dunning Hall from April 2 to May 11. From April 30 to Sept. 1, University Avenue from Richardson Hall to Jeffery Hall will be closed. University Avenue north of Union Street to north of Clergy Street West will be closed June 4 to Aug. 31.

Pedestrian access to buildings fronting Union Street and University Avenue will be maintained during construction and wheelchair access will be modified by temporary boardwalks where necessary.

Arch Street and Bader Lane will remain open during the construction.

Physical Plant Services has launched a new online map at [www.queensu.ca/pps/roadclose/roadclose.html](http://www.queensu.ca/pps/roadclose/roadclose.html) that will be updated regularly to keep the Queen's and Kingston communities informed about which streets and access roads are closed, and how to navigate standard detour routes during the construction.

In addition to street closures, the map will provide updates and more details about construction on the Queen's Centre as it progresses.

The map links from the Queen's homepage at [www.queensu.ca](http://www.queensu.ca) under Most Visited Sites and from Physical Plant Service's homepage at [www.queensu.ca/pps](http://www.queensu.ca/pps)

For more information, contact Ivan MacKeen, 613 533-6000, ext. 77509, [mackeen@post.queensu.ca](mailto:mackeen@post.queensu.ca).



Workers begin excavating Union Street at Division Street to allow for the rerouting of site services, water sewer and electrical, for the Queen's Centre project. CELIA RUSSELL

## IN BRIEF

### AMS recognizes 1918 expulsion

The Alma Mater Society Assembly voted this month to acknowledge the unfair expulsion of all Queen's black medical students in 1918. University records show that the Senate expelled 15 black students at various stages of their training, allegedly because of pressure by wounded soldiers returning from Europe who refused to be examined by black students. It is speculated that medical school encouraged the expelled students, who came from British colonies in the Caribbean, to transfer to Dalhousie University in Halifax, home to a larger black community and a population supposedly more tolerant. However, Dalhousie has no record of any of those students attending its medical school. It is unclear what role the Queen's student government of the time played in arguing for or against the students' expulsion.

While these events transpired almost nine decades ago, the AMS student government wishes to acknowledge this shameful chapter in Queen's history and to ensure that this incident is never forgotten.

**NEWS and MEDIA SERVICES**

To inform us of your latest research findings or upcoming journal publications, call Senior Communications Officer Nancy Dorrance, 613-533-2869, or Communications Coordinator Lorinda Peterson, 613-533-3234.

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Apr 19	Toronto BLUE JAYS vs Boston RED SOX	\$85
Apr 20	Creative Sewing & Needlework Festival	\$59
Apr 20-22	CARLISLE Spring Car Show (Pennsylvania)	\$299
Apr 21	St. Jacobs Country Day Tour	\$79
Apr 23-26	CAPE COD (Discover or GOLF!)	\$399/\$499
Apr 28, May 26	MENOPAUSE, Out Loud! A Hilarious Musical	\$119
May 4-5	St. Jacobs Overnight Tour	\$229
MAY 12	Burn the Floor: FLOOR PLAY	\$129
May 24-27	Quebec City - Discover the walled city!	\$699
June 1-2	STRATFORD FESTIVAL (2 plays!)	\$419
Jun 6, 16 & 17	PHANTOM OF THE OPERA (includes dinner)	\$169
Jun 10	NASCAR: Pocono 500	\$199
Jun 10	Cirque du Soleil: CIRQUE 2007	\$175
Jun 24	QUEEN: We Will Rock You!	\$149
Jun 25-29	Cape Cod, Newport & Boston	\$749
Jun 29-Jul 2	NASCAR: Loudon, NEW HAMPSHIRE	\$689
Jul 26	Chinese Lantern Festival	\$99
Aug 5	NASCAR: Pennsylvania 500	\$199
Sep 30	PGA: PRESIDENT'S CUP	\$175

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## DO YOU HAVE ASTHMA?

The Asthma Research Unit at Kingston General Hospital is looking for males and females between the ages of 18 and 65 to participate in a research project investigating symptom perception in asthma.

If you have smoked for less than 10 years, are otherwise healthy, you may be eligible to participate in a research study. Participants will be compensated for their time and travel expenses.

The study is conducted by Dr. D. Lougheed, Department of Medicine, Queen's University and Kingston General Hospital. For more information contact Tom Fisher, at 549-6666, ext. 2798 (KGH).

## 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

#### David Hanes reappointed Head, Physics, Engineering Physics and Astronomy

Principal Karen Hitchcock announces the reappointment of David Hanes as head of the Department of Physics, Engineering Physics and Astronomy from July 1, 2008 to June 30, 2012. Dr. Hanes, who has been head since 2002, holds a BSc from Carleton University, MSc and PhD degrees from the University of Toronto, and an MA from Cambridge University. He came to Queen's in 1984, and has been a visiting research fellow at the University of Durham (UK), Dominion Astrophysical Observatory in Victoria BC, and the Anglo-Australian Observatory in Sydney, Australia. His research covers questions related to the extragalactic distance scale, globular star clusters, and the origin, formation, and interaction of galaxies. He has visited several major international observatories and has been granted observing time on the Hubble Space Telescope.

### Awards and Grants

#### Basmajian Award

Nominations are invited for the 2006/07 Mihran and Mary Basmajian Award. This annual award is presented to a full-time Health Sciences faculty member or two members working as a team. The nominee must have a maximum of six years independent research and have made the most meritorious contribution to health research during the previous year or several years. Nominations may be made by any department head or by any member of the faculty with the knowledge and support of the department head. Nominations are due April 30 to the Associate Dean (Research), Health Sciences, c/o Mary Pope, Vice-President (Research and Development) Office, Watkins 2, KGH. Terms of reference are available at: [www.queensu.ca/vpr/basmajian.htm](http://www.queensu.ca/vpr/basmajian.htm)

#### George Taylor Richardson Memorial Fund

The fund provides grants for the stimulation of the arts at Queen's. In accordance with the wishes of the benefactor, Agnes Etherington, the grants are specifically intended to support public performances and exhibitions for the benefit of Queen's and broader Kingston communities. All Queen's community members are eligible. Course-related activities and projects that focus on research, composition, creation or production do not qualify for support. For details,

guidelines and application forms, contact Peggy Watkin, Secretary of the Senate Committee on Creative Arts and Public Lectures, University Secretariat, B-400 Mackintosh-Corry Hall, ext. 36093. For electronic copies, email [watkinnm@post.queensu.ca](mailto:watkinnm@post.queensu.ca) or visit the web at [www.queensu.ca/secretariat/GTR/index.html](http://www.queensu.ca/secretariat/GTR/index.html). Deadline: Friday, March 30, 4:30 pm. Successful applicants will be notified in writing by May 31.

#### Post-Doctoral Travel Award

Queen's post-doctoral fellows are eligible to apply for funding to travel to present significant scholarly work. Awards may be used to provide partial support for travel, accommodation, meals and registration fees associated with an event. The event must occur between April 1 and Nov. 1. The next program deadline is April 1, 2007. For complete details and application form see the Office of Research Services website: [www.queensu.ca/vpr/sources/internal.html](http://www.queensu.ca/vpr/sources/internal.html) or call ext. 74686.

#### Supporting the Arts at Queen's

The Senate Committee on Creative Arts & Public Lectures invites nominations for the Brockington Visitorship and the Chancellor Dunning Trust Lecture. In order to encourage the broadest possible range of nominations, any person or group within the Queen's community is eligible to make a nomination.

**The Brockington Visitorship:** The terms of reference are "to invite a person of international distinction to come to Queen's University to deliver a public lecture and to meet formally and informally with faculty and students."

**The Chancellor Dunning Trust:** The terms of reference are "to identify and invite a person of distinction to be the Chancellor Dunning Trust Lecturer." The lecturer will be expected to deliver a public talk that "promotes the understanding and appreciation of the supreme importance of the dignity, freedom and responsibility of the individual person in human society."

For nomination forms, contact the University Secretariat, B-400 Mackintosh-Corry Hall, ext. 36095 or visit [www.queensu.ca/secretariat/senate/BV\\_CDTL.html](http://www.queensu.ca/secretariat/senate/BV_CDTL.html). Proposals will be accepted for up to \$7,000 for the Brockington Visitorship and \$16,000 for the Dunning Trust Lecture. The successful applicant will be responsible for all aspects of the lecture. Deadline: Friday, March 30.

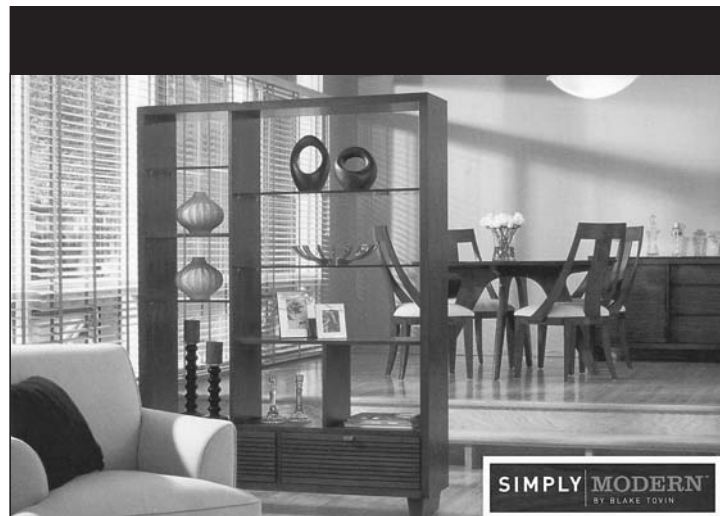
#### William M. Spear, Richard K. Start Funds

Competition for The William M. Spear Endowment Fund for Pulmonary Research will be administered in conjunction with the competition for The Richard K. Start Memorial Fund this year. Grants will be awarded in the \$20,000 to \$30,000 range. Deadline: April 1. Details: [www.queensu.ca/vpr/sources/internal.html](http://www.queensu.ca/vpr/sources/internal.html)

### Committees

#### Review committee, John Deutsch Institute

In accordance with the Senate Policy on Procedures Governing the Establishment, Reporting and Review of Research Centres, Institutes and Other Entities at Queen's, the Faculty of Arts and

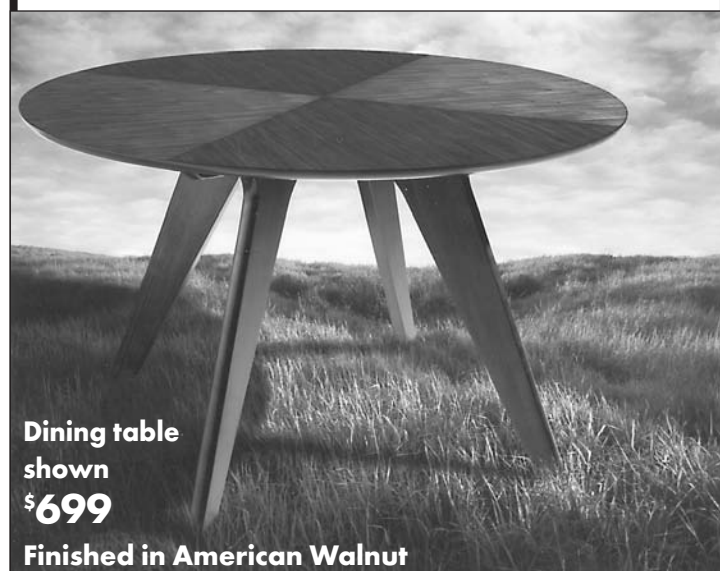


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## A Footnote on Health

### Managing anxiety in the moment



We've all had stressful moments in our lives – whether it's dealing with a family crisis, preparing for an important speech, or dealing with a major conflict. At times like these it can feel like you're being hit by a giant wave.

You don't have to be swallowed up in a tide of anxiety. Stay calm and cool even in the most hectic situations with the tips below.

**Breathe!** When people feel stressed they tend to take short, shallow breaths. This only makes the anxiety worse by preventing oxygen from reaching the brain and creating a feeling of lightheadedness and nausea. Put yourself in a more calm and relaxed state of mind by taking long, slow deep breaths.

**Focus on the big picture.** Next time you're faced with a situation that's causing you a great deal of stress, ask yourself, "What's the worst thing that could happen?" and "Will I worry about this five years from now?" These questions will help you put things into perspective.

**Just say no.** People often make a stressful situation even worse by saying yes to something they don't have the time or desire to do. Be honest with yourself, and with others, about how much you can handle.

**Relax.** In a lying or sitting position tense all of your muscles. Slowly begin to relax each muscle starting with your toes, then your back and finally moving up to your head.

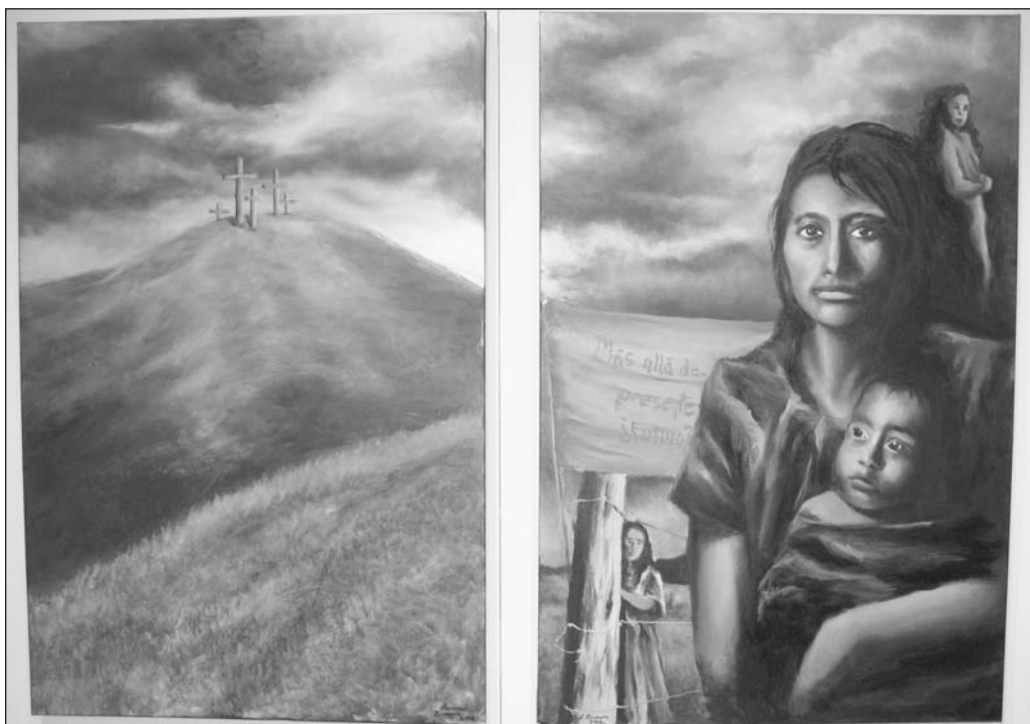
**Go to your "happy place."** Close your eyes and think of a peaceful place or moment in your life – a beach with gently lapping waves or a moonlit stroll with a loved one. This type of visualization can help take your mind away from anxiety-producing thoughts.

**Stay positive.** Your inner thoughts have a strong effect on how you feel. If you're feeling overwhelmed, negative thoughts such as "I can't handle this" or "I'm going to fail" can make the situation worse. By thinking positive and encouraging thoughts such as "It's a tough situation, but I can handle it" or "We'll find a way to fix this", you can often improve your outlook and ability to get the task at hand done.

Stressful moments are never going to disappear. Remember to use these techniques so you can reduce the fear, calm down and watch that wave of anxiety roll out with the tide.

*The Queen's Employee Assistance Program (EAP) is a confidential off-site support service available to faculty and staff.*

## A STARK LOOK AT GENOCIDE



CELIA RUSSELL

A young mother stares from the canvas in *Genocide in Ciudad Juarez* (oil on canvas, 2006), one of several works by Laura Brown on display until April 3 at the Union Gallery in Stauffer Library. Works by Jennifer Jollow are also featured in the exhibition, entitled *A Measured Perspective*.

Science is conducting a review of the John Deutsch Institute for the Study of Economic Policy. The review committee is requesting input from the Queen's community on the present state and future prospects of the John Deutsch Institute. Submit views in writing to Associate Dean, Arts and Science Gordon Smith, smithg@post.queensu.ca by Monday, March 26.

in March 2007

**30 years:** Brenda Bullock, Central Technical Services.

**25 years:** Chyrle Campsall, Student Services; Brooke Gurney, Glaxo Wellcome Clinical Education Centre; Linda Peck, Athletics and Administration.

**20 years:** Douglas Graham, PPS; Joe Guigue, PPS; Henry Pople, PPS; Michael Rioux, PPS.

**15 years:** Sharon Mohammed, Geography.

**10 years:** Patrick Cummings, PPS; Murray Davis, Continuing and Distance Studies; Douglas Richardson, ITS.

**Five years:** Tina Bailey, School of Business; Melissa Balson, Faculty of Applied Science; Janet Brooke, Agnes Etherington Art Centre; Ian Brown, Centre for Neuroscience Studies; Lisa Doulas, BIOCAP Canada; Christopher Gabryel, Mechanical and Materials Engineering; Robert Moses, Stauffer Library; Sylvia Robb, Urology;

Heather Toffolon, Medicine; Tricia Walker, Faculty of Education.

### Employee Assistance Program

For off-campus professional counselling call toll free 1-800-387-4765 (français 1-800-361-5676). This service can be reached 24 hours a day, seven days a week. For more information, visit [www.queensu.ca/eap](http://www.queensu.ca/eap)

### Notices

#### Get fit this spring

Lifting Through Breakfast, introductory program: Circuit training program for women only. Wednesday and Friday, 7:20-8 am. Lifting Through Lunch, introductory program: Circuit training program for women only. Wednesday and Friday, 1:10-1:50 pm.

Introductory Running Group: Tuesday and Thursday, 4:45-5:45 pm.

Intermediate Running Group: Monday and Wednesday, 4:45-5:45 pm. Programs are eight weeks long and begin the week of April 16. Contact Fitness and Lifestyle Centre for further information or to register. [fitlife@post.queensu.ca](mailto:fitlife@post.queensu.ca), 613-533-2821.

### Volunteers

#### Prenatal care research

The Clinical Exercise Physiology Lab for prenatal care research needs pregnant and non-pregnant female volunteers, age 24-40 for a study on the benefits of exercise in preventing high blood pressure in pregnancy. Contact Tracey: [pregnancyresearch@hotmail.com](mailto:pregnancyresearch@hotmail.com)

## Calendar

Unless specified, all events are free.

### Art

#### Agnes Etherington Art Centre

##### Events:

**March 29:** ArtDocs: Films on Abstraction. Screening of one film on abstract painting. *The Colour of Memory: Conversations with Guido Molinari*. 7 pm. 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. For exhibition information, see [www.aeac.ca](http://www.aeac.ca)

**Exhibitions:** Frances K. Smith Gallery, *Between the Lines: 19th-century French Prints*, April 1 – August 5. Samuel J. Zacks Gallery, *Contemporary Landscape Painting: see you tomorrow*, Eleanor Bond, Jay Isaac, Douglas Kirton, Nick Ostoff, Brent Roe, to April 8. Historical Feature Gallery, *Black Suites*, Graham Coughtry, Jean-Paul Riopelle, Robery Van Der Peer, to April 8. R. Fraser Elliot Gallery, *Mister Man*, Rebecca Belmore, Joe Fafard, General Idea, Victor Tolgesy, Alex Wyse, to April 8. African Gallery, *The Art of Mali*, to Nov. 4. *Contemporary Feature*

and The Davies Foundation Galleries, Karin Davie, to April 29. The Bader Gallery, *Revelations: European Old Masters in Kingston Collections*, to Aug. 19. Etherington House, *Kingston Picks*, to Dec. 22.

### Film

#### Tuesday, March 27

*Born Into Brothels*: film screening and discussion. Etherington Auditorium, 94 Stuart St., 7 pm. Karen Yeates, Queen's, will discuss her Kids with Cameras project, empowering Tanzanian women and children with education about their rights and healthy sexuality. Details: [pgskingston@gmail.com](mailto:pgskingston@gmail.com)

### Music

#### School of Music performances:

##### Tuesday, March 27

School of Music Chamber Ensembles. 120 Harrison-LeCaine Hall, 39 Bader Lane, 11:30 am.

Queen's Jazz Ensemble, directed by Greg Runions and Queen's Jazz Choir, directed by Bruce Kelly.

Grant Hall, 43 University Ave. 7:30 pm. Tickets available at the door: \$6 adults, \$3 students and seniors.

##### Tuesday, April 3

School of Music Chamber Ensembles. 120 Harrison-LeCaine Hall, 39 Bader lane, 11:30 am.

##### Wednesday, April 4

Queen's Symphony Orchestra, directed by Gordon Craig. Grant Hall, 43 University Ave. 7:30 pm. Tickets available at the door: \$6 adults, \$3 students and seniors.

### Courses and Workshops

#### April 28, 2007

##### Engenuity

A hands-on weekend workshop for high school girls to promote the viability of a career in engineering, helping them to make an educated career decision. Beamish-Munro Hall. To register, visit [www.appsci.queensu.ca](http://www.appsci.queensu.ca)

### 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 ext. 77791.

Congratulations to those who reached the following milestones

Website development & redesign for University Departments, Research Centers & Labs

NICOLE RICHARDSON, PH.D.  
[info@whitespacenorth.com](mailto:info@whitespacenorth.com)  
Tel. 613-547-1664

**WHITESPACENORTH.COM**

Queen's Amnesty International Presents:

**CINEMA POLITICA**  
a documentary film festival

**Iraq for Sale: War Profiteers**  
Fri Mar 30 7pm

**The Devil's Miner**  
Sat Mar 31 2 pm

**Working Man's Death**  
Sat Mar 31 3:30 pm

**My Cultural Divide**  
Sun Apr 1 9 pm

[www.cinemapolitica.org](http://www.cinemapolitica.org)

in association with  
The Screening Room 120 Princess St.

Good Friday at Chalmers

John Rutter -- *Requiem*  
David Cameron -- *A Proclamation and a Prayer*  
Henry Purcell -- *Two Anthems*  
Edward Elgar -- *Ave Verum*

THE Melos CHORAL ENSEMBLE and CHOIR OF CHALMERS CHURCH

Soloists, Musical Ensemble, including the Melos String Quartet directed by DAVID CAMERON

**APRIL 6th, 2007, 7:30 pm**  
Chalmers Church (Barrie at Clergy)

Tickets: \$25, \$22 (senior), \$15 (student)  
\$2 less in advance

Available from Chalmers' Office, the Church Book Room, Queen's Performing Arts Office, Novel Idea

FourPoints Sheraton, Qubit systems, THE COMMUNITY FOUNDATION OF GREATER KINGSTON, P A M'S 800.668.7267, Kenneth D. Wollin Chartered Accountant (613) 546-0025



# ATTENTION AMATEUR PHOTOGRAPHERS!

The *Queen's Alumni Review* and *Queen's Gazette* invite you to capture your world in our second photography contest.

## Snap Judgments '07 PHOTO CONTEST



**LAST CALL  
FOR YOUR  
CHANCE TO  
WIN!!!**

Open to Queen's alumni, faculty, staff, and retirees.  
Restricted to amateur photographers.

**DEADLINE FOR ENTRIES:  
MIDNIGHT, SUNDAY, APRIL 1, 2007**

**BEST OVERALL** entry wins our **GRAND PRIZE** – an 11-day cruise for two aboard the *M.S. Andrea* – visiting the Celtic coastline from Scotland to France. Approximate value Cdn. \$20,000 (cruise and return flight to/from Toronto, Canada).

**RUNNER UP** entry receives a copy of Adobe Photoshop CS2 (MSR \$800).

**BEST ENTRY IN EACH CATEGORY** receives a \$100 gift certificate from Camera Kingston.

**CATEGORIES:**

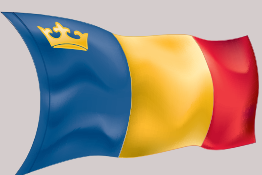
- People
- Flora and Fauna
- Places
- Digital Illustration

Limited to one entry per person per category.

For entry details, prize information and technical specifications, visit the *Alumni Review* digital magazine at <http://alumnireview.queensu.dollco.ca/>

Winners will be announced in the May 2007 issues of the *Review* and the *Queen's Gazette*.

Luxury cruise and air provided by



**QUEEN'S ALUMNI TRAVEL**  
experience...beyond the ordinary!



Adobe Photoshop CS2 courtesy of



Gift certificates provided by

