



# QUEEN'S GAZETTE

Rack 'em up P8



Election goes global P12



## The forgotten class?

By CELIA RUSSELL

Laid back and last minute.

The fall crop of first-year students, sometimes referred to as the double-cohort shadow, is unlike anything university administrators have ever seen before.

"This group has been referred to as the forgotten class," says Dean of Student Affairs Bob Crawford. Since they began the

application process many months ago, there has been widespread administrative experience with them "getting things in at the last minute."

Unlike their double-cohort predecessors, who were told at every turn in high school that competition was so tight, they would have to work extremely hard to get a place at university, these students do not appear to

be as rushed, or, for that matter, as worried as their predecessors.

For example, many of them did not check on the web for residence room assignments until much later than usual, whereas last-year's students checked right away, says Dr. Crawford.

"They got their statements in late - they weren't in any rush," he says. "They are more used to having their parents do things

for them. The good thing, is that they seem to have settled in. We don't really have enough on this class yet to know how well they're going to do."

Admissions are roughly on target, although numbers are down in engineering and computing, says Associate University Registrar Rick Palmer.

Residences reports that a total 250 beds are empty, about 150 of

them at Jean Royce Hall on West Campus. This is due possibly to somewhat lower enrolment or to a trend to more students living off-campus, says Dr. Crawford.

As of the end of August, the incoming undergraduate class of roughly 3,300 was made up of 57 per cent women and 43 per cent men. Overall, the Class of 2008 is younger than past classes. In all,

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WE FEEL SO GOOD!



CELIA RUSSELL

Who needs coffee? Arts and Science Gael group leaders get in the spirit last Wednesday morning as they collected frosh on University Avenue, part of Orientation Week activities. Fall-term classes resume today.

## Student aid program up in air

By ANNE KERSHAW

Queen's has had to cease promoting a key student assistance program in light of the recent announcement by the Ontario government that it won't be matching funds raised by universities beyond 2004-05.

In a letter this summer, the Ontario government informed Queen's that it would be committing only up to \$50 million to match donations made to the Ontario Student Opportunity Trust Fund (OSOTF) at the province's universities, and that Queen's matching ceiling for 2004-05 would now be adjusted to \$4,224,082.

The government indicated as well any plan to continue the program beyond 2004-05 would be considered in the context of the comprehensive review of higher education currently being conducted by former premier Bob Rae.

Universities have been advised to inform their donors who have made pledges or who are making pledges to their institution's OSOTF funds that no assurances about matching government funding beyond 2004-05 can be made at this time.

The news has not been well received by the province's colleges and universities. When the previous Conservative government announced the second round of the OSOTF program in June, 2003, it pledged \$400 million in matching funds with \$34,271,285 earmarked for Queen's.

The university had begun significant promotion of the pro-

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## On track with the class of 2008

Are we ready for the class of 2008? It helps to realize that faculty and staff need as much orientation to the new students as they need to us.

With credit for the idea to Beloit College in Wisconsin, Dean of Student Affairs Bob Crawford has again assembled a Mindset List for Queen's, a compilation of items that indicate the viewpoints of entering students and their frame of reference.

It's worth noting the age of this group of entering students, says Dr. Crawford, who is submitting his final Mindset List as Dean of Student Affairs.

At the time they arrived on campus, 87 per cent of them

were under the age of 19 and more than 900 were age 17. Another 19 were only 16 years old. By the time the class wraps up the year in April 2005, 55 per cent still won't have turned 19.

Given that the majority of entering students were born in 1986, the following provides a glimpse of the world through their eyes.

- Their year of their birth coincided with the birth of plans by The United Kingdom and France to construct the Channel Tunnel.
- Some newspapers headlines the day they were born include:
  - Reactor at Chernobyl Nuclear Plant Explodes
  - Soviet Union Launches Mir Space Station

Ferdinand Marcos Flees Philippines - Corazon Aquino becomes resident

Reagan and Gorbachev Discuss Arm Limitation in Reykjavik, Iceland

Pan Am Flight 73 Hijacked at Karachi International Airport

• Still in diapers, they wouldn't know the sadness of the Space Shuttle Challenger Disaster and the stories of Christa McAuliffe who had been scheduled to be the first teacher in space.

• They just missed the marriage of Prince Andrew, Duke of York to Sarah Ferguson at Westminster Abbey.

• Their world has always included IBM laptop computers. • They were barely cooing

when Desmond Tutu, already a holder of the Nobel Peace Prize, became the first black to lead the Anglican Church in South Africa.

• They've never known a world without Andrew Lloyd Webber's *The Phantom of the Opera*.

• There has always been an Oprah Winfrey show.

• The Iran-Contra Affair, with associated names like Oliver North, Edwin Meese, Edmund Muskie, and the Tower Commission, is something they may have heard about in school.

• If leaving them with a babysitter to go see a movie, their parents would have been choosing from *Top Gun* starring Tom Cruise, *Aliens* starring Sigourney

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## Student aid program continued from page 1

gram and had plans to launch an even more aggressive fundraising campaign for OSOTF this fall. Under its new allotment ceiling, the university is already close to reaching its maximum.

"This is definitely a disappointment," says Associate Vice-Principal (Advancement) Ray Satterthwaite. "We had developed an entire plan and built relationships with donors around raising \$34 million. Now, there is no longer any ceiling room available. With the commitments we've already received, we can't promise any more matching pledges to donors."

The key now, he says, is for the Office of Advancement to accelerate efforts to get in as many dollars as allowed for matching before April 1, 2005.

The Rae panel is set to release a discussion paper later this month and then spend the fall publicly consulting with students and their parents, universities,

colleges and other stakeholders. He is to make his final recommendations to the government by next January.

### "The need for student assistance has not gone away"

*Susan Fortier*

For more than a decade, university leaders have been voicing concern about the toll government funding cutbacks have taken on the quality of learning environments. Uncertainty about the future has continued with the change in direction already signalled by the Ontario government. This includes the ceilings placed on OSOTE, a two-year freeze on tuition and only partial compensation for the ensuing lost revenues.

At the same time, the province has shown signs that it is listening on some other fronts. In late August, Ontario's Minister of Economic Development and Trade announced that the government would invest the \$25 million required to provide matching dollars for activating research funds under the federal government's Canada Foundation for Innovation program. Two months earlier, the Liberal government had cancelled the commitment by the previous Conservative administration to put \$300 million into the Ontario Innovation Trust.

Several universities, including Queen's, have made known their distress about the government's decision to cap OSOTF funding.

"The program has allowed us to make important strides toward our objective of ensuring that all academically competitive students can attend and remain at Queen's to complete their degree,

regardless of their financial circumstances," says Vice-Principal (Academic) Suzanne Fortier in a July letter to Premier Dalton McGuinty.

Under Phase 1 of OSOTE, launched in 1996, Queen's raised \$34.2 million, which doubled to \$68 million with the government match. For 2002-03, the university was able to provide financial assistance to more than 18 per cent of its entering students largely because of funds made available through OSOTE.

"The need for student assistance has not gone away," says Dr. Fortier. "It's all the more urgent that we receive the private financial assistance necessary to build a strong base of student awards funding."

"This has never been more important, and we will continue to work with the government to address the needs of students and the funding needs of universities as a whole."

## Forgotten class continued from page 1

26 per cent of the class are 17 years of age or younger (19 of them are just 16 years old). And 60 per cent of the class are 18 years old. Just 10 per cent of the class is 19 years old and four per cent are older than 19. One student is 40 and two are 44.

But they still boast an overall secondary school average of 87 per cent, according to admission statistics from Mr. Palmer. Thirty-four per cent have averages of 90 per cent or higher and an additional 37 per cent have averages between 85 per cent and 89.9 per cent. Students hail from every province (more than 600 are from Canada, outside of Ontario). Students are also citizens of 37 countries, including Canada.

In her first-ever speech to new

students at last week's Welcoming Ceremony, Principal Karen Hitchcock encouraged students to be active learners – to have a vision for their education.

"Not that you already know what your major will be, but rather that you will seek opportunities that will challenge you, that will stimulate you, and that will expand upon what you already know."

She also urged them to take advantage of opportunities to get involved in university life.

"Participate in our study abroad programs, through an academic exchange perhaps, or by spending a semester at that magical place in England – the International Study Centre. These are experiences more

enriching and fulfilling than you can imagine.

"Experiment with different fields and different ways of learning. Sign up for courses that will expose you to new ideas and new directions. The breadth of educational opportunity at Queen's is enriched by faculty who are both outstanding teachers and some of the leading researchers in their fields – scientists, historians, literary scholars, economists, public policy experts and on and on.

"These dedicated teachers will engage you, in your classes and in your interactions with them, in a very special way. You will, in fact, work with them as they create new knowledge."

She encouraged them to get involved in activities outside the

classroom, the university's numerous clubs and athletics programs.

"First, and we are in this one together, we must learn the Oil Thigh. I've heard that it isn't very hard once you get the hang of it!"

All of these activities provide rich opportunities for learning, for personal development and for forging lasting friendships, she says.

"You will have the chance to apply your education, in ways that benefit others, and that will further your education in the process."

As A. J. Holmes put it, "It is well to remember that the entire population of the universe – with one trifling exception – is composed of others."

## Class of 2008 continued from page 1

Weaver, *The Color of Money* starring Paul Newman and Tom Cruise, *Platoon*, and *Crocodile Dundee*.

- Their birth coincided with the opening of the Rock and Roll Hall of Fame and Museum in Cleveland, Ohio. The first inductees (eligible only after at least 25 years following the release of their first record) were Chuck Berry, James Brown, Ray Charles, Fats Domino, Everly Brothers, Buddy Holly, Jerry Lee Lewis and Elvis Presley.

- They are the same age as the FOX Broadcasting Company, the fourth American television network, which debuted with a broadcast of *The Late Show Starring Joan Rivers*.

- They never shared life on this earth with Jacques Plante, Tenzing Norgay, Simone de Beauvoir, Broderick Crawford, Benny Goodman, Cary Grant, or Cana-

dian poet, writer and playwright Milton Acorn.

- They missed the news that drummer Tommy Lee of Mötley Crüe married actress Heather Locklear.

- Hopefully their mother wasn't in labour as long as the 22-hour MTV marathon of Monkees episodes in honour of the 20th anniversary of *The Monkees* premiering on television.

- Tina Turner has always had a star on the Hollywood Walk Of Fame.

- There has always been Nintendo.

- We have always been able to fly around the world without stopping; there have always been people walking around with artificial hearts; we have always had *Voyager* images of Uranus.

- The car radio on their ride home from the hospital's maternity ward might have been

playing Peter Cetera (*Glory Of Love*), Bon Jovi (*You Give Love A Bad Name*), Chris De Burgh (*Lady In Red*), Huey Lewis & the News (*Stuck With You*), Whitney Houston (*How Will I Know; Greatest Love in the World*), Madonna (*Papa Don't Preach*) and Prince (*Kiss*).

- There was never a time before Mike Tyson was world heavyweight-boxing champion.

- There have always been Women's Studies courses at Queen's.

- Queen's is welcoming its third principal in their lifetime.
- They have always had the Internet.

Bob Crawford had to survive 15 years before universities were linked to the Internet, which took place in 1986.

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### DO YOU HAVE ASTHMA?

Males and females between the ages of 12 and 75 with asthma are needed to participate in a study investigating a new asthma medication. Multiple visits to Kingston General Hospital will be required. Participants will be compensated for their time and travel expenses. The study is being conducted by Dr. D. Loughheed, Department of Medicine, Queen's University. For more information contact Tom Fisher or Kim Szpiro, at 549-6666, ext. 2645 (KGH).



## QUEEN'S GAZETTE

### Editor

Celia Russell  
613-533-6000 ext. 74498  
[gazette@post.queensu.ca](mailto:gazette@post.queensu.ca)

### Senior Communications Officer

Nancy Dorrance  
613-533-2869  
[dorrance@post.queensu.ca](mailto:dorrance@post.queensu.ca)

### Communications Officer

Lorinda Peterson  
613-533-3234  
[petersn@post.queensu.ca](mailto:petersn@post.queensu.ca)

### Director of Communications and Public Affairs

Anne Kershaw  
613-533-6000 ext. 74038  
[kershaw@post.queensu.ca](mailto:kershaw@post.queensu.ca)

### Advertising

Ying Gilbert  
613-533-6000 ext. 75464  
[gazad@post.queensu.ca](mailto:gazad@post.queensu.ca)

### Production

Creative Services

### Grant Hall Illustration

Greg Black

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CELIA RUSSELL

Some of the women featured in Ban Righ's calendar fundraiser gathered for its campus launch at a Ban Righ Hall reception recently. Front, from left: Carol Hughson, Flora MacDonald and Diane Kelly. Rear, from left: Nancy Berman, Marion Abell, Betty-Anne Howard, Margaret Little, calendar photographer Kyla Raymond, Gillian Sadinsky and Elizabeth Greene.

## IN BRIEF

### Staff who shine

Do you know a staff member who goes the extra mile?

Nominations are open for individuals or teams for the Special Recognition for Staff Awards, which will be celebrated at the Principal's December reception in Grant Hall. The award recognizes staff members who consistently provide outstanding contributions during their workday, directly or indirectly, to the learning and working environment at Queen's at a level significantly beyond what is usually expected (e.g. improving the workplace efficiency, quality of worklife, customer service, problem-solving, etc.).

Information and nomination forms are available from [www.queensu.ca/secretariat/](http://www.queensu.ca/secretariat/) or the University Secretariat, B 400 Mackintosh-Corry Hall. The deadline is Friday, Oct. 15.

### Astronomy open houses

Open houses at Queen's in collaboration with local RASC Kingston take place every second Saturday evening of each month. All are welcome and admission is free. For tour schedules and observatory information, visit [observatory.phy.queensu.ca](http://observatory.phy.queensu.ca).

The observatory invites people to look skyward for the full moon, known as the Harvest Moon on Sept. 28.

## Baring all for Ban Righ's 30th

By EMILY SANGSTER

Fifteen prominent women with ties to Kingston and Queen's are so enthusiastic about raising money for the Ban Righ Foundation that they're shedding their clothes for it.

The women, including former federal cabinet minister Flora MacDonald, CBC broadcaster Shelagh Rogers, blues artist Georgette Fry, and Cold Squad actress Julie Stewart, appear in a tastefully-posed fundraising calendar modeled on that of the celebrated "Calendar Girls."

The initiative is part of 30th anniversary celebrations for the Ban Righ Centre, whose mandate is to support women's learning and focus especially on the needs of mature women students at Queen's. The centre officially introduced the calendar on campus at a launch Aug. 31.

The original Calendar Girls, members of a chapter of the British Women's Institute, became famous in 1999 after posing nude to raise money for leukemia research. Their story was made into a feature film, and their calendar has raised nearly £1 million (\$2.4 million Canadian).

Ban Righ Board member Betty-Anne Howard says she proposed undertaking a similar project here after hearing about the success of the British calendar. The Ban Righ Centre version, entitled, "Daring to Dream," has a difference, she adds.

"Every woman in the calendar wrote a short piece about their own dreams to appear with their photograph," Ms. Howard says. "It's been a privilege to get a window into the hearts of these women."

Ms. Howard and Women's Studies professor Margaret Little, the organizers of the project, also appear in the calendar.

"We figured if we were asking people to take off their clothes,

we should be willing to do the same," Ms. Howard laughs.

Gananoque photographer Kyla Raymond took most of the calendar's photos during a three-week period in July, and also designed its layout. Fourteen project sponsors covered the production costs, and so all proceeds from the sale of the calendars will go directly to the Ban Righ Foundation.

It's not incongruous for an institution dedicated to supporting mature women's education to fundraise with this type of project, Ms. Howard adds.

**"It's been a privilege to get a window into the hearts of these women."**

*Betty-Anne Howard*

"The reality is that we usually idealize and objectify younger women's bodies, but the women in this calendar are no younger than 40," she says. "The big thing about Calendar Girls is that it's older women stepping out and saying, 'I'm proud of my body.'"

Barbara Schlafer, the centre's director, agrees, noting that the calendar has piqued tremendous interest and support among Ban Righ Centre staff and students.

"It's quite moving, actually, because it's about these successful women realizing their dreams, and wanting to support the dreams of women who are returning to further their education," she says.

The 30th anniversary celebrations have provided an opportunity to raise awareness and funds for the centre despite declining university budgets, Ms. Schlafer

says.

The centre has already run several other successful anniversary events this year, including the Domino Theatre production of the play "The Freedom of the City," a Wyrld Sisters concert in March, and a spring road trip to New York City.

Fund-raisers to come include a birthday party for the Centre Oct. 3 at the Frontenac Club Inn,

another New York City trip Oct. 22-25, and a second Domino Theatre play, "Squabbles," March 2, 2005.

The calendars cost \$20 and are available at the Ban Righ Centre, 32 Bader Lane (formerly Queen's Crescent), the Campus Bookstore, A Novel Idea, sponsors' establishments in Kingston and at Mother Tongue Books in Ottawa.



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

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## University names five new Queen's Research Chairs

Five outstanding researchers have been named as the university's newest Queen's Research Chairs (QRC).

"The QRC program enables the university to recognize some of our most distinguished researchers," says Vice-Principal (Research) Dr Kerry Rowe. "The five new chair holders have garnered impressive national and international reputations within their respective fields. We are delighted to honour their outstanding contributions and to welcome them among the ranks of Queen's Research Chairs."

Established in 2002, the Queen's chairs are for five-year, renewable terms, and include an additional \$20,000 per year for research support. Chair holders are expected to be involved in teaching, research and service to

the community. The five new recipients bring the total number of QRCs to 20.

**Pierre du Prey** (Art), an historian of architecture in the classical tradition, is renowned for his intellectually rigorous and socially embedded approach. He combines traditional concepts of architectural history with a sense of the societal context of changing institutions and the evolution of how people use buildings. A respected author and frequent presenter of invited papers, Dr. du Prey is a member of the Royal Society of Canada and recipient of the ASUS Teaching Excellence Award.

**Kurtis Kyser** (Geological Sciences and Geological Engineering), founding director of the Queen's Facility for Isotope Research (QFIR), is considered

one of the most innovative stable isotope scientists in North America. His work has influenced scientific thinking about a wide range of phenomena, including the "snowball earth" hypothesis and the environmental impacts of industrialization and different modes of power generation. A member of the Royal Society of Canada, Dr. Kyser is a recipient of the Queen's University Prize for Excellence in Research.

**Roderick Lindsay** (Psychology), one of the world's leading experts in the psychology of eyewitness identification, has had enormous impact on legal reform and the development of practical guidelines for police forces throughout the English-speaking world. The author of numerous peer-reviewed publi-

cations, Dr. Lindsay currently serves on the editorial boards of four top journals. He has been honoured by the Canadian Psychological Association with a Career Award for distinguished contributions to the application of psychology.

**William Plaxton** (Biology) is internationally renowned for his biochemical analysis of plant responses to phosphate deficiency. His research has contributed to the development of standard models of plant metabolism and provided key insights into the effective use of phosphate fertilizers and genetic engineering of more resilient crops. Based on results from Dr. Plaxton's lab, the Canadian Food Inspection Agency is currently re-examining the use of phosphite, a controversial

agricultural commodity that is currently marketed throughout the world.

**Suning Wang** (Chemistry) is one of Canada's top scientists in the field of inorganic materials and materials chemistry. Her diverse contributions include pioneering work in the areas of copper-oxide-based superconducting films and organic light emitting diode (OLED) displays, as well as fundamental discoveries that could lead to new sensors for environmental pollutants such as benzene. A recipient of the prestigious Rutherford Memorial Medal in Chemistry from the Royal Society of Canada, Dr. Wang is an elected Fellow of the Chemical Institute of Canada.

[www.queensu.ca/vpr/QRC/index.htm](http://www.queensu.ca/vpr/QRC/index.htm)

## Students score well in annual design competitions

By LORINDA PETERSON

Queen's is well known for its solar vehicle design team. But it is just one of many student teams which regularly put in strong performances at national and international design competitions. Solar Car, Formula SAE, SAE Mini-Baja, Aero Design and Chem-E-Car Competitions simulate real-world engineering design projects and their related challenges.

"Queen's engineering students are widely known for their participation in external design

competitions," says faculty advisor Brian Surgenor (Mechanical Engineering). "These competitions provide students with excellent real world experience in a team design project."

**Queen's University Solar Vehicle Team** (QSVT) and their car Gemini finished fourth in the 2003 World Solar Challenge last fall. Gemini is Canada's first two-seater solar car and is also the only two-seater car ever to finish the race.

"Gemini ran a near perfect race and the team performed

well," says Andrew Mason, QSVT's Project Manager. "We'd like to see Gemini finish in the top three the next time around."

The team had been a participant in the recent Canada Solar Tour, designed to raise awareness about energy conservation and alternative energy sources. The six-university tour was abandoned on day two due to a tragic accident which claimed the life of University of Toronto student Andrew Frow, who was mechanical systems lead for the university's solar car team.

A memorial service for Mr. Frow took place last month at the University of Toronto. The university is initiating a review of the circumstances surrounding the accident.

The Queen's team has begun work on its 10th solar vehicle.

The **Formula SAE** team recorded the top finish for a single-cylinder engine open-wheel race car. The 10th-annual Formula SAE Competition in Pontiac, Michigan this spring. Queen's ranked 76 out of 140 international teams and 11 out of 20 Canadian teams. This year, the team concentrated more on testing and less on changes to design, says Project Manager Ivan MacKinnon, Sc'04.

Some consider Formula SAE to be a design competition in its purest form, says Brian Pillar, trained race car driver and Formula team manager 2000, who now works for Hyundai (racing) Motorsports. In addition to putting a new vehicle on the track every year, Formula SAE® students are required to submit a detailed design report that includes a manufacturing and cost analysis.

"Many aspects of Formula SAE are just like the 'real racing world'," he adds. "One of the biggest similarities is testing, testing, testing. This project was bang-on in teaching us that without testing most theory is

useless. Things can be examined many times and still end up wrong."

Although it has been around since the 1970's, **Mini-Baja** off-road racing may be one of the best-kept secrets on campus. The team completed their most successful season to date placing as top Canadian team and third overall in three regional competitions.

Off-roading is an attitude, say third year engineering students Adam Coombs and Leo Kilfoil, co-managers of this year's team. "We performed well because we've worked out most of the problems with our design and have a well-built car that can take anything that comes its way," adds Mr. Coombs.

As well as racing around, over and through obstacles such as steep hills, piles of boulders, pools of mud and bodies of water, Mini-Baja teams compete to have their design accepted for manufacture by a fictitious firm.

When project manager Nathan Tedford predicted last fall that the **Aero Design** team remote-controlled plane, Squirt, would place among the leaders at the eighth American Institute of Aeronautics and Astronautics Design/Build/Fly competition he was absolutely on the mark! The plane placed seventh in the two-day competition. In addition to

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Mini-Baja team members wrestle with a water hazard during a recent off-road competition.

COURTESY OF QUEEN'S SAE MINI-BAJA

# Concert pianist André Laplante leads off stellar performing arts music series

INSTALLATION FESTIVAL SERIES HONOURS NEW PRINCIPAL KAREN HITCHCOCK

By KAY LANGMUIR

Some of the best concert pianists and chamber groups in the world will perform in Kingston over the next several months as part of the upcoming season of the Queens' Performing Arts Series.

In addition to the five-concert series that runs October to April, a special three-concert series is scheduled for October as part of the installation festival honouring Queens' new principal, Karen Hitchcock.

One additional treat awaits music lovers on Nov. 15 when Queen's music alumna Angela Hewitt returns to the Grant Hall stage to inaugurate the new concert grand piano. The Queen's School of Music purchased the \$150,000 state-of-the-art Yamaha CF3 after 18 months of fund-raising. Ms. Hewitt will show the instrument at its best with a program of Bach and Beethoven.

Leading off the Performing Arts 2004—2005 season is André Laplante, who has been in demand as a concert pianist throughout Europe and North America since he first began winning major piano competitions in the 1970s. The Quebec native has often performed with the

Toronto and Montreal Symphony orchestras, among others and has twice played New York's Carnegie Hall. Mr. Laplante will play works by Ravel and Liszt during the Oct. 17 performance in Grant Hall.

On Nov. 28, the Elmer Iseler Singers, a 20-voice professional chamber choir from Toronto, accompanied by harpist Erica Goodman, offer a program of soaring spirituality to begin the Christmas season. Ms. Goodman, a Juno award winner, and one of the world's most preeminent harpists, finds a group worthy of her in the Elmer Iseler Singers, who celebrated their 25th anniversary this year and have more a dozen popular recordings to their credit.

The polished and well-travelled Schubert Ensemble, a leading chamber music group in Britain for more than 20 years, visits Grant Hall Feb. 11 to perform two timeless masterpieces – Dvorak's Piano Quintet and Schumann's Piano Quartet. The ensemble is regarded as one of the world's leading exponents of chamber music for piano and strings. The five-member group gives more than 60 performances a year and has played in over 40 countries.

The Quartetto di Venezia, Italy's best-known chamber group, plays Grant Hall on March 9. This string quartet has been together for more than 10 years, since its members first met



WWW.CHOPINSOCIETY.ORG  
Award-winning pianist André Laplante performs at Grant Hall Oct. 17.

as students at the Venice Music Conservatory. Known for its distinctive Italian charm and flair, the eclectic group has been called "vivid and provocative," and its members pride themselves on their attention to sound quality, balance and technique.

The five-concert series concludes on April 17 with a distinguished pair of Canadians, pianist Jane Coop and violinist Andrew Dawes. They will play an all-Beethoven program, including the famous Kreutzer Sonata, at the elegant and historic setting of Chalmers United Church. This is the only concert in the series to be held outside Grant Hall.

The Installation Festival Series in honoUr of new principal Karen Hitchcock begins Oct. 27 with the all-female group, La Pieta, led by virtuoso violinist Angele Dubeau. Last year, the internationally recognized piano and string ensemble sold 50,000 CDs – a Canadian record.

The celebration continues Oct. 29 with Jane Bunnett and her jazz orchestra. Ms. Bunnett is a Toronto flutist, pianist and saxophone player whose daring



WWW.CITYFOLK.ORG  
Jane Bunnett and her jazz orchestra performs Friday, Oct. 29 at Grant Hall, as part of the Installation Festival Series honouring new principal Karen Hitchcock.

explorations of Afro-Cuban melodies have placed her in high demand internationally. In recognition of her outstanding creative work, she was made an Officer of The Order of Canada this year.

The installation series concludes Oct. 30 with a group whose music is as fascinating as the story of its genesis. The Quartet for the End of Time, comprising piano, clarinet, cello and violin, will play some masterpieces of 20th century chamber music, including the eponymous

signature piece, Quartet for the End of Time. The mystical eight-movement work, written by the group's founder, Olivier Messiaen, was first performed by the group's original members in 1941 in sub-zero weather before 5,000 fellow prisoners of a Nazi prisoner of war camp.

Tickets for individual concerts or the series can be purchased at the box office in the John Deutsch University Centre (533-2558) or by emailing mraymond@post.queensu.ca. [www.queensu.ca/pao/](http://www.queensu.ca/pao/)

## Queen's musicians participate in new chamber music venture

By KAY LANGMUIR

One woman's lifetime love of chamber music has helped give the Queen's community the opportunity to enjoy the talents of some of its own – namely the versatile Trio Chanteclair. The group will perform a program of wide appeal Saturday, Sept. 18.

Queen's has retired Kingston citizen Margaret Farr to thank for the concert, says Ireneus Zuk, professor and coordinator of the Performance Area at the School of Music. Ms. Farr donated several thousand dollars to the School of Music to help support chamber music performances at the university.

"We hope this will be the first of a number of concerts over the next few years," which will be supported by Ms. Farr's gift, he says.

It's the first time in several years that the Chanteclair Trio has performed at Queen's, says Prof. Zuk.

The concert at Dunning Hall Auditorium will showcase the talents of two School of Music faculty members – Gordon Craig on clarinet and Thomas Davidson on piano. Soprano Tracy Davidson completes the trio, whose performance will also include works composed by another music faculty member, Clifford Crawley, now retired.

Support for chamber music is especially welcomed by musicians "because it's one of the most enjoyable ways of making music," says Dr. Zuk. "Musicians like to do chamber music because there's this sense of

interaction between them. There's this give and take and they all play toward the same end. It's very rewarding."

In addition, chamber music provides some of the best examples of musical composition, Dr. Zuk added.

The Trio Chanteclair concert will include works by Mozart, Schubert, Chopin, and Lutoslawski. The pieces range from classical to cabaret-style to folk-song arrangements.

The group was founded almost 15 years ago by Thomas Davidson, and quickly earned a reputation for its artistic and varied presentation in a diversity of musical styles, as well as its keen interest in contemporary Canadian composers.

Prof. Davidson teaches piano and musicianship at Queen's. He holds a similar position at McGill University and divides his time between Kingston and Montreal.

British-trained soloist Tracy Davidson has been involved in numerous concerts and recordings in England and Canada, and is currently soprano soloist at St. George's Anglican Church in Montreal.

Queen's alumnus Gordon Craig has been principal clarinetist with the Kingston Symphony for more than 25 years, and has taught music at Queen's for an equal length of time. He is also music director of the Quinte Symphony in Belleville and the Kingston Youth Orchestra.

Tickets are \$12 for adults, \$6 for seniors or students and are available at the door.

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## VIEWPOINT

PETER TAYLOR  
Mathematics and Statistics



## The 100th dance

LET THE SUBJECT'S BEAUTY AND POWER CALL  
THE TUNE

This is about mathematics teaching, but I suspect it might apply quite widely.

In the curriculum materials I use and in the classes I teach, my objective is to be true to the grandeur of my subject, to capture (and then set free!) its beauty and its power. And this is also true of my colleagues. Now since mathematics is such a rich discipline, we should all have no trouble doing just that. Except we do. We have a considerable trouble, particularly in our so-called "service" courses like calculus, linear algebra and differential equations.

Now why is that? It's because the subject has two interlocking dimensions, the conceptual and the technical, and each supports the other in a wonderful dance – so that you can't have one without the other. And most of our students seem to have weak technical skills. So most of our class time is spent in trying to recover and extend that essential technical base.

There are two problems with this approach – first it doesn't work very well, and secondly it kills the subject. We know it doesn't work well because it's what everybody does, from high school through to second-year university, and the complaints about student preparedness still keep coming in. Only in our senior courses do we begin to get that "wonderful dance," and by then we've cut the audience down (because we've systematically killed the subject) to a fraction of its proper size.

A lot has been written about this problem. An important idea of the past 20 years was centred around context. You have to pitch the skills in a "real world" situation, which tells a good story at the same time. That seemed promising, so new curricula and new text books were written (e.g. reform calculus) which drew examples from science – economics, biology, physics, chemistry, etc. – and before you could say "2+2 doesn't always have to be 4" mathematical modeling marched into the curriculum. This was bound to solve the problem because it gave us not only context, but "process" and motivation as well.

But it didn't. The "reasons why" are interesting and they make a nice essay for another time and place. The basic problem is structural. The curriculum remains focused on and organized around those skills, and as the design, so the building, as the skeleton, so the organism, as the music, so the dance. I am convinced that the only solution is to jettison the skills, put them out of our minds, and let the beauty and power of the subject call the tune.

But then how will the skills be taught (rather, learned)? There are so many of them and they need so much practice...

Some of us will recall the legend of the 100th monkey. It seems that in 1952 scientists on the island of Koshima dropped sweet potatoes in the sand which the monkeys picked up and ate, sand and all. One day a young female named Imo learned how to wash the sand off in a nearby stream. That improved the meal enormously and the practice soon spread to Imo's playmates, and in time, to a number of monkeys in other parts of the island. Then one morning a critical mass was attained: there were some number of monkeys washing sand off their potatoes, say 99 monkeys, and then the 100th monkey brought her potato to the stream and suddenly, by that evening, every monkey on Koshima started washing her potatoes, and not only that but scientists on other islands observed the behaviour spontaneously arise.

It's a fable and it's very 80's (and very cold war) and like all good fables it's not exactly true (Google it). But like all good fables it holds a truth which I have experienced many times in my mathematical life, the islands being perhaps the different pieces of my brain. Suddenly, after the 100th dance, the skills fall magically into place. Try it. Be patient, but be true.

Peter Taylor is a professor in the Department of Mathematics and Statistics.  
taylorp@post.queensu.ca

### Viewpoint Policy

The *Queen's Gazette* welcomes submissions for Viewpoint from members of the university community. Unless otherwise discussed in advance with the editor, articles should normally range between 600 and 700 words and should address issues related to the university or higher education in general. Speeches related to issues of interest to the university community are also welcome. Email submissions to [gazette@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.

### 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 or disk 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.

### QUEEN'S FLASHBACK: 1995



COURTESY TRICOLOUR 1995

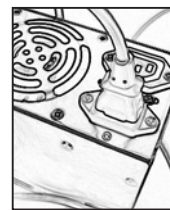
Although the class of '99 is long gone from campus, the long tradition of fun during Frosh Week lives on. Those who wish more details about this photo are encouraged to email [gazette@post.queensu.ca](mailto:gazette@post.queensu.ca).

## New advances in email

As part of our on-going efforts to improve service and reliability, ITS Services has been working on several changes to e-mail service.

**Spam and virus abatement:** You may have noticed additional information in your e-mail headers. A scanner, from Barracuda Networks, has been installed to filter incoming mail to Post (except from Cogeco, and other campus mail systems). This device improves our ability to deal with spam and e-mail viruses. The Barracuda was selected from a large number of competitors, based on published reviews of performance, relatively low cost, ease of installation, and its automated ongoing rule update service. We will be reviewing its performance next spring.

Packman will be providing a configuration update to Eudora in September to suppress display of the scoring report lines. They will then be viewable only using the "Blah Blah Blah" button. Soon after that, Packman will be offering to install a filing rule that will move messages marked as spam to a separate folder for



### ITS SERVICES STAFF

#### Plugged In

review. When this is implemented, it is important to remember that the categorization process is not perfect and may incorrectly mark messages as spam. Marked messages should not be automatically deleted.

A second Barracuda unit will be in service to filter incoming mail to QLink, by mid-September. Additional mail servers on campus, such as departmental servers, can be covered.

**Webmail:** Squirrel Mail will become the new default for webmail for both Post and QLink. We are replacing our current WebIMAP software with "Squir-

rel Mail", on QLink (Sept. 9), and on Post (Sept. 14). Squirrel Mail has the same basic elements as our current webmail. This should assist in a smooth changeover for our users. The old WebIMAP service will remain available, through a link, for a transition period until the end of December, 2004.

**And more:** Students frequently encounter problems deleting messages when their folder storage is over quota. The QLink student home directory (folder) quota has been increased to 20MB (from 10MB). The QLink inbox limit, where mail is trimmed, has been increased to 10MB (from 3.5MB). Memory on QLink has been doubled to 16GB, and some disk layout changes have been made, to improve performance.

Post will soon see a new server and expanded disk storage. The standard home directory quota will then be increased.

Feedback on these changes is welcome. Please contact Andy Hooper at [hooper@post.queensu.ca](mailto:hooper@post.queensu.ca).

# Equity and action

## QUEEN'S TIES TO THE FEDERAL CONTRACTOR'S PROGRAM

What is the Federal Contractor's Program (FCP) and what does it mean to Queen's?

The FCP, launched in 1986, the same year the Employment Equity Act came into force, is designed to promote employment equity for the four designated groups in Canada – Aboriginal people, people with disabilities, visible minorities and women. Any employer in Canada that receives funding from the federal government of \$200,000 or more and employs 100 or more employees is subject to the FCP.

Queen's, which employs more than 3,600 people, has been part of the FCP since 1986 and last year received nearly \$59 million from the Government of Canada.

The university must meet 11 criteria as part of the FCP. They are communication of employment equity principles and practices to employees; assignment to a senior official responsibility for employment equity; collection of workforce information; workforce data analysis; employment systems review; establishment of



JEANETTE PARSONS

### Diversity

employment equity goals (qualitative and quantitative); development of an employment equity plan; adoption of positive policies and reasonable accommodation practices; establishment and maintenance of a positive work environment; adoption of monitoring procedures; and authorizing federal government officers to enter the worksite and examine equity records.

Initiatives at Queen's that address the FCP criteria include the creation of the Council on Employment Equity in 1989; the installation in 1998 of the University Advisor on Equity (UAE) who reports directly to the principal; providing resources to the UAE to oversee the implementation of employment equity and the development of monitoring mechanisms; clauses in the collective agreements that address equity; special recruitment clause in the collective agreement

between the university and the faculty association; developing and implementing the "I Count Census", an equity survey updated several times a year; creating and reporting on annual employment equity plans and establishing an exit interview system for faculty and staff.

This year's employment equity plan at Queen's states goals that can be grouped into two broad areas: reviewing and improving recruitment/retention practices and communication strategies that promote the value of employment equity and the development of real, qualitative and quantitative employment equity goals, time frames for achieving those goals and monitoring practices. Two sub-committees of the Council on Employment Equity have begun working towards this.

Building on the work of the council and its sub-committees, we encourage everyone at Queen's – staff, faculty and students – to join us as we renew our efforts in developing a concrete and specific course of action. We look forward to the community's active involvement in what is a shared responsibility – upholding, promoting and achieving equity at Queen's.

Jeanette Parsons is program coordinator in the Office of the University Advisor on Equity.

## UNIVERSITY ROUNDUP



### System pays for systematic bias

A state jury has ordered the University of California system to pay a former employee of the Los Angeles campus \$2.95-million in damages for discriminating against her based on her sex and for retaliating against her when she complained. The jury said that the university had violated state discrimination laws. Janet Conney said that male colleagues at her level earned 50 per cent to 100 per cent more than she did and earned promotions that were not available to her. She had worked as an assistant clinical instructor at the UCLA Neuropsychiatric Institute and Hospital. UCLA has denied her claims, saying that Dr. Conney as given an opportunity to apply for a promotion but that she did not pursue it.

*The Chronicle of Higher Education, Aug. 13*

### Psst. Wanna buy a degree?

Instead of striding across a stage after years of hard work to receive a diploma, many people just open a mailbox. Diploma mills, which generate a half-billion dollars in revenue each year, have been around for a long time. Some experts trace their beginnings in the U.S. to the mid-19th century. Their unprecedented growth in the past decade shows no signs of slowing. In the late 1990s, one diploma mill, Columbia State University, raked in a million dollars a month before its owner was caught and jailed for fraud. A recent investigation by *The Chronicle* uncovered many professors with fake or dubious degrees. It also found several professors with legitimate degrees who own or help run colleges unaccredited by federally recognized agencies.

*The Chronicle of Higher Education, June 25*

### Blogging at the library

Blogging has found a home in the somewhat sedate world of the Memorial University Libraries in St. John's, Nfld. Blogs are online diaries where people can weigh in with comments and opinions on different subjects. "Traditionally blogs are created by individuals, as a sort of Web-based journal or diary," says Information Librarian Gillian Byrne. "But we thought we could use the technology to create online forums with which to discuss library issues with the MUN community." The library chose the format because it is simple to set up and allows people to easily post comments. Located at [mitch.library.mun.ca/weblog.php](http://mitch.library.mun.ca/weblog.php), the blog lets users check out the e-resources the library is testing and make comments. "As the library moves more and more into purchasing electronic journals, databases and other sources, we want to ensure our patrons have a voice in the products we select."

*Gazette, Memorial University of Newfoundland, June 30*

### Dean goes back to school

This fall, Michael Marrus will return to the School of Graduate Studies at the University of Toronto – as a student, instead of its dean. After leading the largest graduate school in Canada, Dr. Marrus will return as a first-year student in the Faculty of Law's master's program, studying the Holocaust and its purpose as a template for restorative justice worldwide. "I'm just beginning, like any other student starting a new program. I'm not sure where it's going to go exactly, but I note the irony that after being the dean for seven years and presiding over the programs of 12,000 graduate students, I'm going to become one of them."

*The Bulletin, University of Toronto, Aug. 23*

### Women doctors hit glass ceiling

Women are severely underrepresented in senior academic positions in medicine, despite increasing numbers in the medical profession as a whole, academic medics have warned. They are a "precious resource" at senior levels in medical schools because they are not able to climb the academic career ladder, says Anita Holdcroft of the British Medical Association's Medical Academic Staff Committee. "There is the expectation that you work 60 hours-plus a week. Either you are set very ambitious goals or you are not given the personnel you need to help you." The working culture is not forgiving to women who want to work part time, she says.

*The Times Higher Education Supplement, Aug. 13*

### Stress-free, campus sanctuaries

With growing financial and other pressures on students and academics, universities are finding new ways of safeguarding mental health. A 2003 report from the Royal College of Psychiatrists suggests that as many as one in four students suffers some kind of emotional problem while at school and eight per cent seek support from counseling services. Academics' health is similarly at risk. Last year, Nottingham became the first university to win a Green Flag award for its parks and gardens. The Civic Trust set up the awards to encourage good environmental practice. As well as being a quiet oasis for students and staff to escape to, the parks and gardens have helped the university to build links with the community.

*The Times Higher Education Supplement, Aug. 1*

# National debate on teaching quality escalates

There has been growing concern among educational developers, university administrators and government policy analysts about the state of teaching and learning in higher education.

Last February, along with 11 other directors of teaching and learning centres from across Canada, I was invited to a meeting in Ottawa to discuss the quality of teaching in Canadian universities with representatives of the Human Resources and Skills Development Canada (HRSDC).

It was easy to identify many of the challenges instructors face in carrying out their professional responsibilities as teachers. It was, however, difficult to agree on what constitutes quality and even more difficult to provide evidence of the quality of university teaching across Canada.

We did agree that many university professors are committed, talented, caring and effective teachers who devote an enormous amount of time and energy to their teaching responsibilities, the teaching function appears to be seriously undervalued at most institutions.

Our concerns were clearly not with individuals but rather with the system, and we are committed to research the issue of the quality of teaching at both the institutional and national levels.

We have now expanded the initial group of discussants to include national student organizations, university administrators, faculty, provincial governments, and other organizations. It is a recurring discussion item at meetings of the Board of Directors of the recently established Institute for the Advancement of Teaching in Higher Education. Special ses-



JOY MIGHTY

### Teaching Issues

sions on this topic took place at the annual conference of the Society of Teaching and Learning in Higher Education held at the University of Ottawa in June. There will be another special session for the Educational Developers' Caucus at its annual winter meeting to be hosted by the Instructional Development Centre (IDC) in February 2005.

The IDC has, of course, always been concerned about the quality of teaching at Queen's. It was established with the mandate to enhance teaching effectiveness and learning satisfaction. In making their historic donation of \$750,000 toward the establishment of the IDC, our students made it clear that they viewed the quality of teaching as the critical variable in determining the quality of their education. In our recent strategic planning we considered the current pressures and challenges that could adversely affect the quality of teaching and learning at the university and revised our mission in light of those realities. Our revised mission is to enhance learning by:

- Fostering and sustaining a culture of collaboration through community building;
- Providing services and programs to support the educational

development activities of individuals and academic units;

- Encouraging policies and initiatives that value and recognize good practice; and promoting the scholarship of teaching and learning.

Our strategic areas of focus over the next five years will therefore be: building community, encouraging good practice, providing leadership and fostering teaching scholarship.

We have planned an exciting program of activities for 2004 – 2005, the first year covered by the new strategic plan. It will include several new initiatives and many of the old favourites that you have told us you need and value.

Here are a few highlights. New Principal and Vice-Chancellor Karen Hitchcock will launch our popular Meet the Teacher series Oct. 6. She will give us her perspectives on teaching and the role her approach to teaching has played in her success as an academic. The Teachers' Writing Circle is a new initiative for those interested in writing and sharing stories about their teaching experiences and making such writing part of their scholarly work. Other new initiatives include a workshop series on Experiments in Teaching, and a daylong certificate program on Enabling Professional Practice for those interested in learning basic instructional skills for promoting good practice. On Friday, Sept. 17, a new, one-day professional development conference on teaching for teaching assistants will take place. For details on all of our initiatives, see [www.queensu.ca/idc](http://www.queensu.ca/idc).

Joy Mighty is the director of the Instructional Development Centre.

## IN BRIEF

## Helping fish beat the bends

New findings from Queen's researcher Bruce Tufts (Physiology) may help fish caught at tournaments avoid a problem also faced by human divers who surface too quickly: "the bends". Until now only documented in people, decompression sickness results when nitrogen that has dissolved in the blood under pressure expands rapidly, forming bubbles that may clot or damage blood vessels. Dr. Tufts's research with smallmouth bass shows that fish, raised quickly to the surface from as little as five metres of water, experience a similar chemical reaction. He is now working on identifying ways to minimize the impact of quick ascent on fish.

With funding from the Natural Sciences and Engineering Research Council (NSERC) and Shimano Canada Ltd., Dr. Tufts has also designed a new water weigh-in system that reduces the stress on fish being weighed out of water. The system was successfully introduced by Shimano last summer on Canada's premier sport fishing tournament circuit.

## SNEWS news

The Queen's-led Sudbury Neutrino Observatory (SNO) is part of a new international collaboration to provide the astronomical community with a prompt alert for a galactic supernova.

Called SNEWS (SuperNova Early Warning System), the initiative is featured in the current issue of the *New Journal of Physics* in an article co-written by SNO director Art McDonald, who holds the Queen's Research Chair in Physics.

Supernovae are huge explosions that occur at the end of a star's lifetime, causing a blast wave that ejects the star's envelope into interstellar space. The last supernova to be seen in our galaxy was Kepler's star in 1604. "If a stellar core collapse occurs in our galaxy, these detectors will record signals from which a wealth of physical and astrophysical information can be mined," the article says.

"An early alert of a gravitational collapse occurrence is essential to give astronomers the best chance possible of observing the physically interesting and previously poorly observed early turn-on of the supernova light curve." SNEWS expects to expand the network in the near future, and move to a more automated mode.

## POOL-PLAYING ROBOT TO COMPETE WITH HUMAN PROS

By NANCY DORRANCE  
News and Media Services  
Michael Greenspan has found the perfect research problem to challenge himself and engage his students: designing and building a robotic system that can beat the best human pool players in the world.

"This is a significantly difficult problem with a number of challenging aspects," says Dr. Greenspan, an Electrical and Computer Engineering professor who is cross-appointed to the School of Computing. Creating and refining "Deep Green" will involve a mastery of robotics, machine vision (being able to automatically determine the locations and identities of the balls), game-playing strategy, and physics (to accurately predict the state of the table after a shot).

**"There's no reason why we couldn't become good enough to win against the world's best players."**

*Michael Greenspan*

Also known as snooker or billiards in its various forms, pool dates back at least to the time of Shakespeare and is ranked by the U.S.-based National Sporting Goods Association as the eighth most popular participation sport, just behind bicycling. It was even designated a demonstration sport at the 1998 Nagano Olympics, but Dr. Greenspan doesn't expect the IOC to allow robotic competitors anytime soon. "We're more likely to target the professional competitions," he says.

"Computers have beaten humans at games like chess and checkers before, but never before at a sport. There's no reason why we couldn't become good enough to win against the world's best players."

Two areas of machine vision required in Deep Green's design are colour indexing and localization. The first term refers to the robot's ability to differentiate balls by their colour, while localization is the calibration of camera systems for use as a measuring device. One expected result of the project will be the

## Cue the robot



STEPHEN WILD

Researcher Michael Greenspan (Electrical and Computer Engineering) applies chalk to his robotic pool system, being developed in a laboratory in Walter Light Hall.

development of new solutions to these computer vision problems.

While the technical challenges are themselves important, Dr. Greenspan believes the significance of the research extends beyond these issues. "Twenty years ago, it was a commonly held belief that good chess playing was a uniquely human capability, and that no computer would ever beat a human chess grandmaster, which is exactly the same reaction that we are seeing today about robotic pool," he says. "In this way, Artificial Intel-

ligence is a moving target."

Those familiar with either pool or robotics immediately recognize the difficulty and significance of this challenge, says Dr. Greenspan, who is also designing a robotics system to retrieve and repair satellites from space.

Funding for this research comes from a variety of sources, including: the Canadian Foundation for Innovation, the Ontario Innovation Trust, the Institute for Robotics and Intelligent Systems, Queen's Allocations Resources Committee, and the Principal's

Development Fund. Industrial partners Opus Automation, Point Grey Research, VerifEye Technologies Inc., and the National Research Council have also provided support.

One of the first practical challenges of the project was getting the pool table into Dr. Greenspan's fifth-floor Walter Light Hall laboratory, which had no direct elevator access. A special grant from Applied Science was used to hoist the heavy, granite-topped table through the window and into the lab.

## Preventing health system errors: a new approach

By NANCY DORRANCE  
News and Media Services

A new Queen's-led study will go beyond "finger pointing" at the causes of Canadian health care errors by exploring which aspects of the way they are governed make hospitals and other sectors of the health system successful in preventing mistakes.

An estimated 185,000 Canadians are affected annually by hospital errors.

"This is an approach that has never been used in a health care setting," says Samuel Shortt, director of Queen's Centre for Health Services and Policy Research, and leader of the Queen's study.

One of six projects related to patient safety launched this year

by Health Canada, the \$150,000 Queen's initiative will recommend system-wide prevention procedures.

These projects are in response to a recent national survey which showed that an alarming 7.5 per cent of people admitted to hospital in Canada experience unintended injuries or complications resulting in death, disability or a prolonged hospital stay as a result of health care management.

"Current thinking about adverse events in the health care system has gone beyond the 'finger pointing' stage," says Dr. Shortt, a health policy expert. "We believe that hospital errors should be viewed in terms of an individual functioning within a system that somehow permits

such an event to happen. This project aims to find ways to improve our health care systems so that such errors won't occur in the future."

**"It's hard to believe that someone hasn't figured out a better way of doing it."**

*Samuel Shortt*

Called "Governance in Patient Safety" the project begins with the patient, and works back to determine who was responsible for the error. Next, interactions are examined that took

place within the institutions or organizations where the care providers work. These in turn are studied within the context of the larger health care system.

By looking at the way each of these areas is governed, the team will determine how that facilitates either error or the reduction of error.

In Canada, health-care professionals are regulated by self-governing colleges responsible for setting licensing standards, peer review programs, and disciplinary actions. To date, however, there has been very little evaluation of the effectiveness of these measures.

"We don't have a sense of whether care has been improved as a result of this self-regulated

system, or of what other options are out there," says Dr. Shortt. "What we're looking for are practices that have been rigorously evaluated, where reported drug errors are reduced significantly. Then we can suggest that these successful procedures be put into effect at all hospitals."

Also on the research team are Dr. Michael Green (Family Medicine) and Ken McDonald from the Centre for Health Services and Policy Research.

"There are so many different ways of regulating or governing professionals and institutions, it's hard to believe that someone hasn't figured out a better way of doing it," says Dr. Shortt. "That's what we hope our project will help to accomplish."



# Partnerships key to new world-class ceramics centre

PRINCIPAL, MINISTER  
OPEN \$10.4-MILLION  
FACILITY

By NANCY DORRANCE  
News and Media Services

The importance of partnerships – university, industry and government – in creating Queen's new world-class ceramics and nanomaterials centre permeated the recent grand opening of the \$10.4-million showpiece facility.

Principal Karen Hitchcock and Minister of Economic Development and Trade Joseph Cordiano shared the ribbon-cutting honours on the steps of newly-renovated Nicol Hall to officially open the Centre for Manufacturing of Advanced Ceramics and Nanomaterials (CMACN).

The joint initiative shows what can happen when government, industry and higher education work together, says Dr. Hitchcock.

Mr. Cordiano called the centre "one of the finest examples of commercialization in the province."

"The investment we are celebrating will strengthen Canada's capacity to effectively compete locally, nationally and internationally in this important area of research," says Carmen Charette, senior vice-president of the Canada Foundation for Innovation.

A first in Canada and one of the world's leading laboratories in advanced ceramics, the centre is spearheading innovative research and strategic skills training of the next generation of technicians, engineers and scientists.

With 90 per cent of Canadian ceramic components currently imported, there is a critical need for such a facility in this country, says Dr. Hitchcock, acknowledging the federal and provincial government support that has brought the centre to life. "Canada has the technology and the expertise to develop and sup-



STEPHEN WILD

Principal Karen Hitchcock and CMACN Director Vladimir Krstic (Mechanical and Materials Engineering) join in the celebration at recent opening of Queen's ceramics centre.

port a thriving ceramics and nanomaterials industry. With this grand opening, we mark Queen's role as a leader in advanced materials research and training."

**"Now, for the first time, the centre is bringing it all together"**

*Vladimir Krstic*

Breakthrough innovations in the field of ceramics and nano-

materials that will have an impact on such wide-ranging areas as the replacement of human bone, liquid crystal display panels for the aerospace industry, more efficient fuel cells, and the noise sensors used in cars and submarines are currently being developed at the centre.

One industrial client, Mississauga-based Luxell Technologies Inc., recently searched the world for a viable method of re-sizing commercial liquid crystal display panels used in aeronautics and defence. "We looked in Europe and the U.S. but in the end concluded that the Queen's centre would best suit our needs,

because they have most of the required applicable processing equipment under the same roof," says Luxell vice-president Isaac Glick. "Finding a possible answer to our problem so close to home has been a real advantage for us."

Other institutional partners in the centre are Niagara College, Royal Military College, University of Toronto, McGill University, and McMaster University.

Funding for the \$2.42-million renovation of Nicol Hall and an \$8-million investment in equipment for research and development in advanced ceramics has come from the Canada Foundation for Innovation, Ontario

Innovation Trust, Ontario Ministry of Economic Development and Trade Strategic Skills Investment Program, Materials and Manufacturing Ontario and many industrial partners.

"The challenge in Canada is to have strategically trained people at every level: teaching, designing and running new equipment, conducting research, and working on innovative industrial advances," says CMACN director Vladimir Krstic (Mechanical and Materials Engineering). "Now, for the first time, the centre is bringing it all together."

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

## Nursing research collaboration a first in North America

By NANCY DORRANCE  
News and Media Services

The first North American centre to collaborate with a prestigious international health research institute will be located at Queen's.

A combined initiative of the School of Nursing and the Practice and Research in Nursing (PRN) Group, the Queen's Joanna Briggs Collaboration (QJBC) recently received \$350,000 from the Ontario Ministry of Health and Long Term Care to run the new program at Queen's and evaluate its impact on practice.

Nurse scientist Margaret Harrison, one of three senior nurse scientists, is the founding director of the new Queen's/JBC Collaboration. "This is an exciting development because it will provide a valuable resource for nurses to improve practice by using the most current research," says Dr. Harrison.

"Our research and scholarship at PRN will be integrated with practice settings by undertaking research reviews on questions important to practicing nurses," Dr. Harrison says. "We are especially excited about the opportunities it will provide our

undergraduate and graduate students to be directly involved in local practice-driven scholarship."

Established in 1995 by the Royal Adelaide Hospital and the University of Adelaide in Australia, the Joanna Briggs Institute provides leadership and support in evidence-based practice and research. This includes:

- Working with researchers, clinicians and managers to carry out and facilitate systematic reviews of international research
- Producing Best Practice Infor-

mation Sheets

- Designing, promoting and delivering short courses in evidence-based practice

A four-day workshop conducted by JBC this summer at Queen's examined the nature of evidence: evidence in health care practice; contemporary ideas of evidence-based health care practice; knowledge translation; and systematically reviewed evidence.

The Queen's Joanna Briggs Collaboration plans to initiate a systematic review before the end of the year, and will continue to

offer courses in evidence-based practice.

The Practice and Research in Nursing (PRN) Group was formed in 2003 to bring together nurse researchers from Queen's and five Kingston area health institutions in an innovative partnership to promote improvements in nursing practice. With the major focus on practice, researchers in the PRN Group explore generic issues across disease groupings, and seek answers to research questions related to self-management, life change, and chronic illness in specific populations.

## Asthma drugs may reduce risk of aneurysms, new study shows

By NANCY DORRANCE  
News and Media Services

Drugs currently used to treat inflammation in the airways of asthma sufferers may be helpful in blocking the development of a potentially fatal affliction of middle-aged men, a new study headed by Queen's researcher Colin Funk (Biochemistry/ Physiology) shows.

One of eight internationally acclaimed scientists recently

recruited to Canada through a Canadian Institutes of Health Research (CIHR) program, Dr. Funk conducted the study while at the University of Pennsylvania.

Abdominal aortic aneurysms (AAA) form a bulging region, up to twice the normal size, in the largest artery of our bodies. These aneurysms occur more frequently in men – most commonly after 55 years of age –

with no symptoms until rupture and no known cure. Smoking is one of the major risk factors for AAA and there are genetic components to this disorder.

More than 200,000 cases of such aneurysms are diagnosed in North America each year. Of these, an estimated 15,000 may result in death if the aneurysm ruptures.

"In humans it has been very difficult to characterize the

mechanisms for aneurysm formation and progression," says Dr. Funk, Canada Research Chair in Molecular, Cellular and Physiological Medicine.

When his team inactivated an enzyme known as 5-lipoxygenase in mice, the number and degree of severity of their aneurysms decreased significantly.

"This is the first time anyone has ever shown aneurysm forma-

tion is associated with this inflammation pathway," says Dr. Funk. "Perhaps the drugs that block the formation and action of this pathway may become useful to treat patients who are susceptible to developing aortic aneurysms."

More studies will be required in other models of aneurysm formation and in larger animals before testing can begin in humans, he says.

## CMA recognizes young leaders with new awards

### PEOPLE

The Canadian Medical Association (CMA) has honoured Queen's people recently with two of three new awards. The CMA Award for Young Leaders celebrates the efforts of young physician leaders of tomorrow for their efforts today. **Julielynn Wong** won the student category for her creativity, initiative and commitment to making a difference in her community. She initiated, designed, coordinated and implemented the "Bone Building Challenge" with assistance from faculty, colleagues and the community to educate women of all ages on the importance of maintaining a healthy lifestyle and building and maintaining strong, healthy bones in the battle to prevent osteoporosis. **Christopher Simpson** (Cardiology) won the early career physician category in recognition of his work as compassionate and caring clinical cardiologist and as a gifted teacher and educator. **Adam Natshah** of the University of Toronto was awarded the resident recipient award.



STEPHEN WILD

Girl Guides watch as medical student Julielynn Wong gives a demonstration at the Bone Building Challenge in April 2003 at the Glaxo Wellcome Clinical Education Centre. The hands-on sessions, designed to raise awareness of osteoporosis, attracted several hundred visitors from the Kingston area.



Bergeron

**Annette Bergeron** (Applied Science) has been elected president and chair for 2004-05 of the Ontario Society of Professional Engineers (OSPE).

The director of First Year Studies was first elected to the OSPE Board in 2002. Formed by engineers in 2000, the Ontario Society of Professional Engineers has lobbied successfully on behalf of Ontario's engineers in the areas of safe water, building code reform, environmental health, energy, and other areas where the expertise of engineers and the interests of the public coincide.

**Randall Jamieson** (Psychology) won the Donald O. Hebb award best poster given by a graduate student at the recent 2004 meeting of the Canadian Society for Brain, Behavior and Cognitive Science. His poster was titled An Instance Based Model of Structural Learning. His supervisor is Doug Mewhort.

**Jack Jeswiet** (Mechanical and Materials Engineering) gave a

keynote address on methods and devices used to measure friction at the recent 2nd International Conference on Tribology in Manufacturing Processes, ICTMP, Nyborg, Denmark. Much of the presentation was based on work done in the Metal Forming Laboratory in McLaughlin Hall. Professor Jeswiet is currently a Visiting Fellow at the Australian National University in Canberra, Australia.

**Nicholas Li**, who graduated in 2003 with an MA in Economics and **Nicole Pollack**, who graduated in 2003 with a BA (Hons) in Medical Development Studies and Women's Studies are among 25 Canadian university graduates awarded Armand Bombardier Internationalist Fellowships, worth \$10,000 each. Mr. Li will pursue studies at the Universidad Torcuato Di Tella in Buenos Aires while Ms. Pollack will study at the University of Campeche in Mexico.

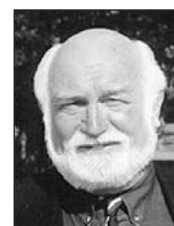


Mighty

**Joy Mighty** (Director, Instructional Development Centre) has won the 2004 Distinguished Service Award from the Association of Atlantic Universities Coordinating Committee on Faculty Development. She also co-authored a paper that has been named this year's Emerald Literati Awards' Outstanding

Paper for best article, Management Development: hoax or hero? published in The Journal of Management Development <http://www.emeraldinsight.com/literaticlub/winners>. She was elected chair of the national organization, the Educational Developers Caucus.

The MIT Press has published a new book by **Vincent Mosco** (Sociology), *The Digital Sublime: Myth, Power, and Cyberspace*. He is Canada Research Chair in Communication and Society in the department.



Osborne

**Brian Osborne** (Geography) has been elected president of the Ontario Historical Society. With more than 1,300 individual and family members and over 500 organizational members, the OHS provides a forum to exchange ideas, research and experiences related to the rich history of the province, including artifacts, architecture, folklore, social history, archives and archaeology.

People is an occasional column which celebrates the achievements of Queen's community members. Email submissions to Celia Russell, [gazette@post.queensu.ca](mailto:gazette@post.queensu.ca).

## The Revitalization of University Avenue



### Second Public Meeting

30 September 2004  
7:00-9:00 PM  
Room 202, Policy Studies Building,  
138 Union Street, Queen's University

Time, heavy use and a variety of upgrades have compromised the streetscape of University Avenue. You are invited to attend a second public meeting at Queen's and contribute to a project to recreate the grandeur and improve the section of University Avenue from Clergy Street to Stuart Street. All are welcome.

A first public meeting was held on Wednesday, 23 June 2004 to present the University Avenue project. Good discussion followed during which many ideas came forward concerning the use and appearance of the street. This second meeting is being held to present schematic design options with a full discussion of alternatives considered. A third public meeting may be held towards the end of the year.

The project is being planned under Schedule B of the Municipal Class Environmental Assessment. At the completion of the design the public will have the opportunity to view the project file and provide additional comments. A notice of completion will be posted at that time with the viewing location.

For further information on this project please contact:

**Jeanne Ma**  
Project Manager  
Campus Planning and Development  
Queen's University  
Kingston, ON K7L 3N6  
Tel (613) 533-6191  
Fax (613) 533-6469  
Email [majk@post.queensu.ca](mailto:majk@post.queensu.ca)  
(or Janet Lambert (613) 533-6827)

**John Hillier**  
Consultant Project Manager  
du Toit Allsopp Hillier  
50 Park Road  
Toronto, ON M4W 2N5  
Tel (416) 968-9479  
Fax (416) 968-0687  
Email [john@dtah.com](mailto:john@dtah.com)

### Research Technical Assistant (Climatology)

1 year, renewable  
Apply by 30 Sept 2004 to  
Dr. Harry McCaughey,  
Department of Geography,  
Queen's University,  
Kingston, Ontario  
K7L 3N6, Canada  
[mccaughe@post.queensu.ca](mailto:mccaughe@post.queensu.ca)  
Tel 613 533-6035  
Fax 613 533-6122

#### Duties:

- field installation of climatological and flux equipment as part of Fluxnet-Canada (see <http://www.fluxnet-canada.ca/>)
- supervise operation and main-tenance of field measurement sites
- assisting in manuscript/grant proposal preparation

#### Preferred Background:

- degree in environmental sciences or engineering or 3-year electronics technology diploma
- Matlab programming; high level of programming skill required; willingness to learn new software applications
- knowledge of eddy covariance
- ability to work independently and solve problems
- excellent interpersonal and communication skills
- valid driver's licence

Annual hiring salary \$36,642

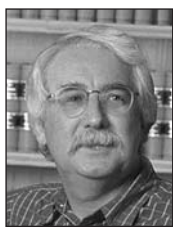
## Organized sports, public policy experts in the news

### QUEEN'S IN THE NEWS

Highlights of Queen's experts in the media

■ Aug. 18 – Sept. 2

**Douglas Reid** (Business) continues to comment on the struggles facing Air Canada as it emerges from bankruptcy protection, most recently in *The Globe and Mail*, *The Toronto Star*, *The Toronto Sun*, *Montreal Gazette*, *Edmonton Journal*, *The Vancouver Province* and *London Free Press*.



Mullan

**David Mullan's** (Law) appointment as Toronto's first integrity officer is highlighted in *The Globe and Mail* and *The Kingston Whig-Standard*.

A new Statistics Canada study by **Ross Finnie** (Policy Studies) that reveals dramatic decreases in numbers of people depending on welfare is highlighted in *The Globe and Mail*. He also co-authors an opinion piece about needed changes to the architecture of student assistance in the *National Post*.

**Don Stuart** (Law) comments in *The Globe and Mail* about gender balance with the most recent appointments to the Supreme Court of Canada.



Tierney

**Ann Tierney** and **Anita Anand** (Law) are quoted in *The Globe and Mail* about teaching corporate law and the related curriculum at Queen's.

**Ken Wong** (Business) discusses Nortel's new strategic marketing plan in *The Globe and Mail*.

**Tom Axworthy** (Policy studies) comments in a front-page *National Post* story about a proposed federally funded pharmaceutical plan.

The *National Post* features an opinion piece by **Alan Green** (Economics) about how American immigration laws would work in Canada.

**C.E.S. Franks** (Political Studies) comments in the *National Post* about changes to privacy policies in the Liberal caucus.

**Marc Epprecht** (Development Studies) discusses the persecution of gays in Africa in the *Toronto Star*.

**Rob Beamish** (Sociology) comments in a front-page *Ottawa Citizen* story about the politics of organized sports and judging scandals.

**John McHale** (Business) comments in an *Ottawa Citizen* story about wage gaps between Canada and the U.S.

Marketing professor **John Plinius** (Business) is quoted in the *Edmonton Sun* about the possible sale of Hudson's Bay Co. to U.S. retailer Target Corp.

*The Vancouver Sun* features an opinion piece by **Douglas Bland** (Policy Studies) on defense policy.

Queen's continues to receive coverage for **Laurent Seroude's** (Biology) research that suggests early exposure to bacteria could increase longevity, most recently in *The Kingston Whig-Standard*.



Funk

**Colin Funk's** (Physiology) research that shows drugs used to treat asthma may block the development of aortic aneurysms is covered in *The Kingston Whig-Standard*.

**Vladmir Krstic** (Mechanical Engineering) comments in the *Whig-Standard*, *Cobourg Daily Star*, and *Port Hope Evening Guide* about the opening of the Centre for the Manufacturing of Advanced Ceramics and Nanomaterials.

**Guy Narbonne's** (Geological Sciences) fossil research that has uncovered evidence of the oldest known complex life forms on Earth is highlighted in the *San Francisco Chronicle*.

**John McFarlane** (Physical and Health Education) is interviewed on CKWS TV about motivation in sports.



Hitchcock

**Principal Karen Hitchcock**, **Kevin Robbie** (Physics) and graduate students **Annesley Hatton** and **Tod Gilbert** (Mechanical Engineering) are featured on a CKWS-TV report about the grand opening of the Centre for Manufacturing of Advanced Ceramics and Nanomaterials.

**Alison Harvison Young** (Law) comments on *CBC Radio Ontario Morning* about the recent nominees for appointment to the Supreme Court of Canada.

**Elia Zureik** and **David Lyon** (Sociology) are interviewed on *CBC Radio* regional and national news broadcasts about surveillance and national identity tracking.

**Sam Shortt** (Policy Studies) comments in *Maclean's* magazine and the *Whig-Standard* on hospital wait times and on *CBC Radio* Regional News about his new study on systemic reasons for hospital errors.

### PRESERVING THE PAST



STEPHEN WILD

Clockwise from top left: Joan Mouldey, conservator Barbara Klemmman, Marion Wallace and Don Sawyer pose with a painting by Kingston artist William Sawyer.

## Artist's tools tell a story

By SARAH WITHROW

Marion Wallace remembers when this painting, Jesus and Mary Magdalene, by her grandfather, Kingston artist William Sawyer, used to hang in her family's living room on University Avenue.

Mrs. Wallace, now 93, along with the artist's great-granddaughter Joan Mouldey and great-grandson Don Sawyer

recently viewed the painting, which is being restored by Queen's art conservation students. Ms. Wallace holds the artist's palette while art conservator Barbara Klemmman holds his paint box.

The artifacts offer valuable insight into the methods and materials that he used. Along with Mr. Sawyer's tools, his family has given the university

a significant collection of his paintings and photographs, which include some remarkable views of 19th century Kingston.

The esteemed artist is known primarily for his portraits of his famous contemporaries. His portrait of Sir John A. MacDonald hangs in Kingston's City Hall; this painting normally hangs in St. George's Cathedral.

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# U.S. parties step up campaigns abroad, expert says

*The election campaign currently under way in the U.S. is dominating today's news. To help us better understand the campaign style and tactics at play as the world's only superpower prepares to elect its next president, the Queen's Gazette posed the following questions to media and cyberspace expert Vincent Mosco. He is Canada Research Chair in Communication and Society and author of *The Digital Sublime: Myth, Power, and Cyberspace*, MIT Press.*

**G: Is this campaign more controversial than past campaigns?**

**VM:** Presidential campaigns are typically controversial and this one is no exception. In 1960 John Kennedy won the presidency with disputed votes from Illinois and Texas. The 1972 election was marked by the Watergate break-in and scandal that ultimately led to the resignation of President Richard Nixon. The 1980 campaign was shrouded by the question of whether Republican supporters struck a deal with the government of Iran to prevent the release of American hostages until Ronald Reagan unseated President Jimmy Carter. In 1992, Bill Clinton had to beat back charges of extramarital affairs. The 2000 election was clouded by the fight over disputed ballots in Florida. This matter was not resolved until the U.S. Supreme Court gave the election to George Bush over Al Gore who had won the popular vote by 500,000 votes. The 2004 election is being fought in the shadow of

that result. The major issues in this election are the war in Iraq and the state of the U.S. economy. But the controversies have taken on a life of their own. These include the military record of President Bush, which was lost and only partially recovered, and an advertising campaign aimed at attacking the veracity of Senator John Kerry's war record for which he received numerous honours. This election may be more controversial than recent ones because the electorate is intensely polarized.



**G: What are some of the advertising vehicles and strategies being used in this campaign?**

**VM:** Attack ads have a long history in American presidential elections. In 1964, the Democrats portrayed the Republican candidate as a threat to the planet with an ad featuring a young girl playing with the petals of a daisy as a voiceover counted down to nuclear holocaust. Advertising budgets have grown enormously since that time swelling the rev-



VINCENT MOSCO

## Q&A

enues of broadcasting outlets. As a result, radio and television stations are reluctant to restrict ads on the grounds of truthfulness or taste. U.S. electronic media are more heavily concentrated than ever with six companies dominating the marketplace. Because of deregulation, broadcasters can make decisions based on financial considerations unfettered by the public service obligations of the past. Studies show that attack ads are effective and so campaigns have heavily emphasized the negative qualities of the character and policies of the opposition. The strongest attack ads are produced by groups that claim independence from the major campaign committees. A group based in Texas, several of whose members have been associated with the Bush campaign, produced a series of ads charging that John Kerry lied about his war record in Viet Nam and should not have received the honours awarded him. The ads were widely recognized as false but

they aired anyway and polls show they dented Mr. Kerry's credibility. The Bush campaign was able to distance itself from the ads because they were produced by an "independent" group.

**Attack ads have a long history in American presidential elections.**

**G: How is technology influencing the campaign?**

**VM:** Although promises of a "new politics" resulting from the spread of the Internet have not come true, the computer is playing a greater role in this campaign. The campaign for the Democratic nomination was initially led by Howard Dean based on effective use of the Internet for fundraising and mobilizing support. John Kerry learned from this success and has made very effective use of the Net especially to raise funds. Republicans make less use of the Internet, but since their support comes from the wealthiest Americans, they have had little difficulty in raising more money than any party has ever accumulated for a campaign, far outstripping the Democrats. The computer may also have a more problematic impact on this election because computerized voting and vote tabulation are

more extensively used now. Numerous computer experts are worried that software failures and security breaches will undermine an accurate vote count. The absence of a record or "paper trail" in most of these systems provides no back-up check for voting officials.

**G: What kinds of issues are arising from campaigning to Americans living outside the U.S.?**

**VM:** Some have commented that although only American citizens can vote, this is the first genuine global election because the U.S. is the world's only superpower and the election outcome will have a pervasive impact outside the United States. One significant divide is between the Republican party view that the U.S. can lead a global war against terror with or without the support of allies and the Democratic party insistence that coalition building is essential. Both parties support liberalized trade and the form of globalization advanced by business and organizations like the World Trade Organization. However, the Democrats would likely temper that with modest protections for American workers and small businesses suffering from the outsourcing of jobs to places like China and India. Both parties have stepped up campaigns to Americans abroad, Republicans primarily to people in the military and Democrats to people living in places like Canada where opposition to American unilateralism runs deep.

# A memorable summer of exceptional learning experiences

By EMILY SANGSTER

Heather Fulton, Uliana Kojoliano and Frances Ue, all ArtSci'06, spent the summer in very different places, but all of them were pursuing unique international learning experiences.

Ms. Fulton was one of 32 students selected from among more than 400 applicants to attend the American Psychological Association's annual Summer Science Institute. The SSI, held June 19 to 27 at Vanderbilt University in Nashville, TN, gives participants a hands-on look at scientific research and potential careers in the field of psychology.

"I was looking forward to meeting people who are as excited about psychology as I am, but to meet people with a different background in the field," Ms. Fulton says, noting that admission to the program was not restricted to psychology majors. She was also looking forward to making contacts among the notable researchers and professors who would be attending.

Mornings at the SSI were reserved for lectures by these researchers. Ms. Fulton's favourite was an expert on human laughter who explained how it influences social dynamics. In the afternoons, Ms. Fulton conducted her own research project in a developmental psychology lab, designing measures of impulsivity in children aged nine to 11 months.

"It gives you a feel for what research is actually like," she says.

The enthusiasm of the participating students, who came from across the United States, as well as Canada and Jamaica, was an extra highlight, she adds.

"If someone mentioned a the-

ory and you say you weren't familiar with it, right away five people would be volunteering to explain it," recalls Ms. Fulton, who says the conference renewed her interest in a career in psychological research and neuroscience. "They were very open to the exchange of ideas and information."

Ms. Kojoliano's summer was a double-barreled public policy opportunity. In late July, she participated in the inaugural Council of the Federation Youth Forum, a three-day conference in Niagara-on-the-Lake, Ont., that brought together two youth representatives from each province and territory to discuss democratic renewal. In August, she traveled to China and Hong Kong as part of the 35-member Junior Team Canada (JTC), which complements the Prime Minister's Team Canada trade delegation.

The Youth Forum, which took place in conjunction with the Council of the Federation summer meeting, gave delegates the opportunity to meet privately with provincial premiers to discuss ways to get young people interested in the democratic process.

"How often does one get to discuss post-secondary issues with Gordon Campbell or the state of Canada's Francophonie with Jean Charest – over cocktails, for that matter?" Ms. Kojoliano says, adding that the conference gave her the opportunity to share her ideas on how primary and secondary schools can effectively teach active citizenship.

Queen's professor and newly appointed deputy minister of democratic renewal Matthew



Frances Ue (left) and her placement partner interact with children in the dance program at the Shaddra Centre for the Mentally Challenged in Veranasi, India, as part of Canada's 2004 Youth Overseas program.

Mendelsohn facilitated the youth delegates' discussion with a panel of academics in the field.

Ms. Kojoliano's proposal for education reform, which gives students systematic and hands-on exposure to all aspects of the democratic process, was highlighted as a viable long-term educational strategy in the youth delegates' final report to the council. Democratic participa-

tion needs to be more thoroughly taught before students reach voting age, she says.

"We shouldn't have to convince youth, come election time, that they should vote," she says. "It's time that active citizenship became instinctive."

Junior Team Canada, Ms. Kojoliano's second summer project, is run by the educational organization Global Vision. Ms.

Kojoliano has been involved with the group since she first attended one of their training centres – one-day conferences on international relations – in Ottawa last year. This year, she organized the first-ever training centre at Queen's and was subsequently selected from among 600 applicants to be part of this year's JTC.

## Learning experiences continued from page 12

In China, Ms. Kojoliano researched the educational, non-profit and information technology sectors and made contacts for her sponsors, who included the Office of the Vice-Principal (Academic), the dean of Arts & Science, the department of Economics, the Kingston Software Factory, and the Rotary Club of Cataraqui. These organizations helped her cover the costs of the trip and received a full report and presentation when she returned, outlining the economic climate and any cultural or political factors that could enhance or frustrate trade opportunities.

"The mission has been an eye-opener in the sense that I've had the chance to directly experience the on-the-ground realities that lie behind all of the GDP growth statistics and forecasts we hear on the daily news, and these realities often carry characteristics that we seldom recognize from our distant position," she says, adding that the trip allowed her to explore some of the differences between China and Hong Kong and examine the interaction between China's seemingly contradictory economic and political systems.

She plans to work as a policy analyst one day, with a particular focus on educational, social and trade policy.

"To me, the appeal of the policy world stems from both its tangible and normative dimensions," she says. "Not only is it one of the few professions where

you can directly shape the way people live, but it offers a breeding ground for innovation."

Ms. Ue's summer experience shed a different light on international issues. One of seven students selected from across Canada to participate in World Literacy of Canada's 2004 Youth Overseas program, she spent five weeks as a volunteer tutor in Veranasi, India. She organized education programs for 30 children and young adults at the Shradha Centre for the Mentally Challenged. Ms. Ue and her Canadian WLC partner helped students develop practical skills and self-confidence through songs, games, classes in basic hygiene, and vocational training in tasks such as counting money.

Very little English is spoken in

**"We shouldn't have to convince youth, come election time, that they should vote."**

*Uliana Kojoliano*

the area, and learning Hindi was a challenge, Ms. Ue says. However, the experience made her very aware of the similarities between people across the globe.

"Because many of the kids were deaf or had speech difficulties, it was almost like there was no language barrier," says Ms.

Ue, who had previously worked with special-needs children as an instructor at the Ontario Science Centre in Toronto. "We interacted through play."

She found the level of poverty in the area, as well as cultural differences in the discipline of children and the attitude towards disabled children, difficult to accept at times. At the same time, although they often lacked adequate food or clean water, the local people's outlook on life was a learning opportunity for her.

"It's incredible to see how little you can live on and still be happy. I'm still trying to understand the whole experience and see what it means to me."

The work ethic and drive shown by the coordinators and students at the school is one thing she will always remember.

Despite challenges at home and in their community, these students exhibited incredible strength and willpower. They seemed to retain their innocence and enthusiasm for learning and play.

"I will never forget the people I have met, the deep philosophical and sometimes humorous conversations with my Indian mother and father, Arpana and Anil, the kindness and warmth shown to us by everyone, and of course, the 'Shradha family' that welcomed us and made this experience absolutely incredible."

Ms. Ue envisions a future for herself in the development field. She plans to do a Master's degree

in health policy and work toward making primary health care more accessible in developing countries.

"I'll never forget going to

India, so in that sense, it was life-changing," Ue says. "I can still close my eyes and go back there, and see the dirt road and smell the incense."

## Design competitions continued from page 4

design and fabrication, the competition challenges teams to demonstrate the flight capabilities of an unmanned, electric powered, radio controlled aircraft to fulfill the required mission profile set by contest organizers. With a score 86.05, Queen's ranked well within the top third of 26 teams competing for their compulsory technical report.

The Queen's Aero Design team prides itself on the traditional construction of the plane. Less than \$500 worth of raw materials - primarily balsa wood and heat shrink covering - were precision sanded together to make it the lightest airframe of any plane in the competition.

In the first annual Chem-E-Car competition, 10 teams competed for top honours while 100 Queen's students and faculty looked on. There was no smoke and no roaring engines, but there was an infectious excitement in the air as the crowd gathered at a temporary racetrack marked with masking tape in the basement corridor of Dupuis Hall.

Three basic rules guided the competition. Student teams had to build the cars on a budget of \$20, they had to be chemically

fuelled and fit into a shoebox. The winning car entered by Femi Adegbola, Loughlin Tuck, Ryan Huizing and Lee Haust. was fuel cell based and powered by methanol.

Terence Chiu (Engineering Chemistry '04) and Terrence Ly (Chemical Engineering '04) initiated the competition with the support of team advisor Barrie Jackson to promote chemical engineering to high-school- and first-year students.

"We chose the Chem-E-Car competition because it has never been done before in Canada," says Mr. Ly. "We hope its uniqueness generates enough interest that it will become an annual event on campus and eventually a national competition."

Design team members all agree that in addition to the thrill of competition, applying what they learn in the classroom to real world design projects has been a highlight of their university education.

[www.solarcar.queensu.ca](http://www.solarcar.queensu.ca)  
[engsoc.queensu.ca/formulacar](http://engsoc.queensu.ca/formulacar)  
[www.ensoc.queensu.ca/minibaja](http://www.ensoc.queensu.ca/minibaja)  
[www.ae.uiuc.edu/aiadbf](http://www.ae.uiuc.edu/aiadbf)  
[www.chemecar.has.it](http://www.chemecar.has.it)

# BULLETIN BOARD

### Appointments

**Submission information**  
 Please note that appointments will be edited to address style considerations and length. Submissions should be a maximum of 200 words.

#### Associate Deanship, Arts and Science

Christine Overall's term as associate dean will end on July 31, 2005. Dr. Overall does not wish to be considered for reappointment. Therefore, an associate dean will be appointed in Arts and Science. Nominations and self-nominations are invited from the university community for a faculty member from the humanities to fill this position. Please submit your nominations and comments to Dean Robert Silverman in writing at F300 Mackintosh-Corry Hall or [deanartsci@post.queensu.ca](mailto:deanartsci@post.queensu.ca) by Friday, Oct. 8.

#### Andy Curtis appointed Executive Director, School of English

Bob Silverman (Arts and Science) announces that Andy Curtis has been appointed executive director of the School of English from Sept. 1, 2004 to Aug. 31, 2007. Dr. Curtis (PhD, York, England, 1996) is an applied linguist specializing in the professional development of language teachers. His current research is primarily concerned with (mis)management of change in language education, relationship-based models of educational leadership and the role of race and colour in English language teach-

ing. He is also involved in a number of projects related to the development of language teaching materials and the use of new technology in language teaching. Dr. Curtis first came to Queen's as a visiting scholar in Education and was appointed director of the School of English in Sept. 2002. He was formerly an associate professor in the Department of Language Teacher Education at the School for International Training in Brattleboro, Vermont, and an assistant professor in English at the Hong Kong Polytechnic University.

#### Paul Wiens, University Librarian

On behalf of Principal Karen Hitchcock, Vice-Principal (Academic) Suzanne Fortier announces that Paul Wiens's term as university librarian will be extended for two years to March 30, 2007. The extension of Mr. Wiens's term reflects the wish of the university community, as expressed in the recent consultation process. Vice-Principal Fortier advises the community that while it was determined that a review will not be necessary at this time, a full and extensive examination of the library portfolio and its leadership requirements will be undertaken in preparation for the next appointment following the completion of Mr. Wiens's term.

#### New faculty appointments

**Applied Science** - Li Shang, Electrical and Computer Engineering, Aug. 1, 2004; Andrew Take, Civil Engineering, July 1, 2004.

### Awards and Grants

#### Queen's University Alumni Association

Awards of a few hundred dollars each are available to help groups from Queen's introduce innovative programs. Application forms are available at [alumni.queensu.ca/quaa/](http://alumni.queensu.ca/quaa/) or they can be picked up at Alumni and Donor Relations (Alumni and Friends), West Wing of Summerhill. Applications are reviewed twice each year. To be considered in the next round of awards submit application by Friday, Oct. 8 at noon to Alumni Association Grants committee c/o Alumni & Donor Relations (Alumni and Friends). For more information, please contact Angela Farmer, 533-6000 ext. 75403, [farmera@post.queensu.ca](mailto:farmera@post.queensu.ca).

#### Special recognition for staff award nominations

This award recognizes staff members who provide outstanding contributions during their workday, directly or indirectly, to the learning and working environment at Queen's at a level significantly beyond what is usually expected (e.g. improving the workplace efficiency, quality of work life, customer service, problem-solving, etc.) Details [www.queensu.ca/secretariat/](http://www.queensu.ca/secretariat/) or the University Secretariat, B 400 Mackintosh-Corry Hall, Deadline: Oct. 15, 2004.

### Committees

**Headship search, Classics**  
 Dietmar Hagel's present term as

head of Classics ends on June 30, 2005. In accordance with the Collective Agreement between Queen's University Faculty Association and Queen's University at Kingston, the principal has appointed a selection committee to advise her on the appointment of Dr. Hagel's successor. Elected Members: Michael Cummings, Caroline Falkner, Anne Foley, Drew Griffith, Bernard Kavanagh. Appointed members: Terry Smith, Heather Kincaide, Undergraduate Student, Classics; Barbara Hulme, Master's candidate, Classics; Tracy Ware, English. Non-voting members: Robert Silverman, Arts and Science; Marsha Singh, Graduate Studies and Research; Christine Overall, Arts and Science (Chair). Faculty, students and staff are invited to submit their comments on the present state and future prospects of Classics, and the names of possible candidates for the headship to Associate Dean Christine Overall, [cdo@post.queensu.ca](mailto:cdo@post.queensu.ca) by Friday, Oct. 1. All letters will be reviewed by the selection committee and will become part of the record of decision-making.

#### Headship search, French

Greg Lessard resigned as head of French Studies to assume a position in the faculty office, and Johanne Bnard's term as acting head ends as of Dec. 31, 2004. In accordance with the Collective Agreement between Queen's University Faculty Association and Queen's University at Kingston, the principal has appointed a selection committee to advise her on the appointment of Dr. Lessard's successor. Elected members: Agnes Conacher, Annette Hayward,

Jurate Kaminskas, Mireille Tremblay, Elizabeth Zawisza. Appointed members: Dana Fryer, Undergraduate Student, French Studies; Bill Reeve, German; Lise Thompson, Steve Urquhart, Doctoral candidate, French Studies. Non-voting members: Robert Silverman, Dean, Arts and Science; Marsha Singh, Graduate Studies and Research; Christine Overall, Arts and Science (Chair). Faculty, students and staff are invited to submit their comments on the present state and future prospects of French Studies, and the names of possible candidates for the headship to Associate Dean Christine Overall, [cdo@post.queensu.ca](mailto:cdo@post.queensu.ca) by Friday, Oct. 1. All letters will be reviewed by the selection committee and will become part of the record of decision-making.

### Governance

#### Senate promotion procedures

Faculty who are not covered by the provisions of the Collective Agreement may be eligible to apply for promotion according to the Senate Statement on Promotion Policy (revised June 1994). This document requires that applications be made prior to Nov. 30. It may be accessed at: <http://www.queensu.ca/secretariat/senate/policies/> or from the University Secretariat, Mackintosh-Corry, B400, 533-6095.

#### The Senate Committee on Creative Arts & Public Lectures

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 for the Brockington Visitorship and the Chancellor Dunning Trust Lecture.

#### The Brockington Visitorship:

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

#### The Chancellor Dunning Trust:

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

Nomination forms can be obtained from the University Secretariat, B 400 Mackintosh-Corry Hall, ext. 36095 or at [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 Visitor-

ship and \$16,000 for the Dunning Trust Lecture. The successful applicant will be responsible for all aspects of the lecture. Deadline for submission, Friday, Oct. 15.

#### Milestones

*Compiled by Faye Baudoux*

If you have a milestone of 5, 10, 15, 20, 25, 30, 35, 40 years or more of continuous service coming up and you do NOT wish your name to be included in the listing, please contact Faye in Human Resources at 77791.

#### Congratulations to those who reached the following milestones in July 2004

**35 years:** Roger Innes, Geological Sciences and Geological Engineering

**30 years:** Steven Cutway, ITS; Lynn Freeman, School of Policy Studies; Tom Thayer, Vice-Principal (Operations and Finance)

**25 years:** Joseph Devine, Residences; Linda Kemp, Student Awards; John Topping, Biology

**20 years:** May Mak, Clinical Trials; Cindy Peters, Faculty of Education;

Gary Powley, School of Computing  
**15 years:** Steven Babcock, Electrical and Computer Engineering; Celine Chung-De, Stauffer Library; Roland Clancy, PPS; Tracy Costa, Serials, Technical Services; Ginette Davies, Financial Services; Bonnie Driscoll, Stauffer Library; Sandy Kelly, Custodial Services; Diann King, Residences; Corinne Laverty, Stauffer Library; Gordon Luck, PPS; Jane Philipps, Engineering Science Library; Jim Robertson, Custodial Services; Lena Westra, Stauffer Library

**10 years:** Melody Burton, Stauffer Library; Robert Goddard, Correctional Law Project; Leslie Singers, Clinical Trials; William Swan, Health Services and Policy Research

**5 years:** Kimberly Jesse, Neuroscience Studies; Yanbin Ji, Pharmacology and Toxicology; Beth Richan, ICACBR; Richard Seres, Marketing and Communications

#### Congratulations to those who reached the following milestones in August 2004

**35 years:** Alma Phelan, Cataloguing, Technical Services  
**30 years:** Elizabeth Fox, Stauffer

Library; Jonathan Jones, Biology; Marilyn Mantle, Cataloguing, Technical Services; Judy Wheeler, Faculty of Arts and Science  
**25 years:** Janet LeSarge, Pharmacology and Toxicology; Ken Low, Financial Services; Joann Niemann, Faculty of Education; Joan Westenhaefer, Sociology  
**20 years:** Greg Boyce, Apartment and Housing; Barbara Schlafer, Ban Righ Centre

**15 years:** Pauline Brown, Faculty of Education; Don Duffey, Athletics and Administration; Elaine McDougall, Vice-Principal (Academic); Lynda Moulton, School of Computing

**10 years:** Wendy Clarke, Development; Anne Farley, Obstetrics and Gynaecology; Fiona Froats, Civil Engineering; Diane Morales, Faculty of Health Sciences

**5 years:** Nigel Barnett, Agnes Etherington Art Centre; Michelle Beaton, Admission Services; Nicole Beckerton, School of Business; Helen Coo, Psychiatry; Suzanne DeSousa, Residences; Janice Finkle, Faculty of Education; Janice Flegg, Clinical Trials; Laura Henderson, Clinical Trials; Tonya Hood, School of Business; Arunima Khanna,

Health, Counselling and Disability Services; Susan Lawrence, Hematology, Community Health and Epidemiology; Ron Leakey, School of Business; Tom Martinek, Environmental Health and Safety; Patricia Payne, Continuing Medical Education; Cheryl Power, School of Rehabilitation Therapy; Douglas Puffer, Development; Anne Redish, Drama; Brenda Shantz, Faculty of Education

#### Notices

##### Employee Assistance Program

1 800.387.4765

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

##### Staff Directory Updates

Staff Directory update request sheets have been sent to Departmental Telecom Representatives (DTR). Anyone with a change to their listing is asked to contact their DTR. DTRs are listed within the departmental listings in the current staff directory or available online at [www.its.queensu.ca/ctn/lists](http://www.its.queensu.ca/ctn/lists).

## Queen's Pension Plan

### Quarterly Investment Report – June 30, 2004

#### Capital Markets

Returns on investments in the various markets can be measured against a series of well-established indices. Index returns for the 3-month and 12-month periods ending June 30, 2004 are as follows:

		3 months	12 months
S&P/TSX Composite	(Canadian Stocks)	0.0%	24.5%
MSCI World	(Global Stocks ex Canada)	3.2%	22.9%
SCM Bonds	(Canadian Bonds)	-2.0%	3.3%
ML Master II	(High Yield Bonds)	1.2%	8.7%
T-Bills	(Treasury Bills)	0.5%	2.6%

#### Queen's Asset Mix

The investment managers have mandates established through a Statement of Investment Policies developed by the Pension Committee of the Board of Trustees. Investments in each asset class must be within a well-defined range. The "normal" asset mix is a long-term strategy mix which is used as a "benchmark" when measuring performance of managers. The current market value of the Queen's Pension Plan (QPP) of approximately \$1.1 billion can be broken down as follows:

		Permitted Range	"Normal" Mix	Current Mix
Stocks	Canadian	25% - 55%	35%	37%
	Global (ex. Canada)	10% - 25%	22%	23%
Regular Bonds		20% - 70%	37%	35%
High Yield Bonds		0% - 10%	5%	5%
Cash		0% - 20%	1%	0%

#### Queen's Performance

##### 1. Compared With Other Pension Plans

The fund returned 0.5% in the second quarter. This put the QPP in the 2nd quartile in RBC Global's universe of pension funds. The one-year return of 16.0% is 1st quartile, the four-year return of 4.9% is 2nd quartile, while the ten-year return of 9.7% is slightly below median. The quartile breaks for RBC Global's universe are as follows:

	3 months	1 yr	4 yrs	10 yrs
1st quartile	0.7%	15.9%	6.6%	10.7%
Median	0.3%	14.9%	4.3%	9.8%
3rd quartile	0.0%	13.5%	2.0%	9.1%

##### 2. Relative to the Benchmark

	3 months	1 yr	4 yrs	10 yrs
Fund return	0.5%	16.0%	4.9%	9.7%
Benchmark return	-0.1%	14.9%	2.5%	9.5%
Fund performance relative to benchmark	0.6%	1.1%	2.4%	0.2%

Note: returns for periods of one year and less are for the actual period; returns for four and ten years are annualized.

#### General Comments

- Despite strong economic conditions, stocks did not perform well in the second quarter. Investors were concerned with the impact of higher interest rates on corporate profits.
- The return for the second quarter was about 60 basis points above benchmark. Performance over longer periods continues to be strong both on a relative basis and against the benchmark.
- Our active Canadian equity managers (Burgundy and Greystone) performed well in the second quarter as did our domestic balanced manager (Letko, Brosseau).
- Addenda (Canadian fixed income) also had a strong second quarter.
- We continue to hedge approximately 50% of our US dollar exposure back to Canadian dollars.
- The Canadian dollar was 74.6 cents U.S. at June 30th, down about 2.2% since March 31st.

#### University Job Postings

As of July 1, Human Resources has discontinued posting job advertisements for general staff, CUPE Local 229 and CUPE Local 254 positions in the *Gazette*. Jobs will continue to be posted on the Human Resources website at [www.hr.queensu.ca](http://www.hr.queensu.ca) and have moved to a weekly advertising schedule. This will allow departments to fill jobs faster and employees to have a consistent weekly date to check for postings on the web. Jobs will be posted on the HR website every Friday morning, and will be removed from the site the following Thursday afternoon. The deadline for submitting an employment requisition form for posting a job will be Wednesday at 4:30 pm. To post a General Staff or CUPE Local 229 and 254 position on the website, Employment Requisition forms (blue sheets) must be submitted to the appropriate employment coordinators accompanied by a position summary/description that has been approved and evaluated by the Compensation Unit. If the Compensation Unit has not approved the position summary, there may be a delay in posting the job. To ensure that there are no delays in posting a job, Human Resources recommends that the position summary is sent to the Compensation Unit at least 7 days in advance of the posting cut-off date. In the summer, some departments may wish to leave a posting on the website for longer than one week. Details should be confirmed with the employment coordinator.

#### Research and contract job postings

Research and contract job postings formerly posted in the *Gazette* (Other Positions) are also moving to the Web. As of Sept. 1, 2004, researchers will be able to post research and contract jobs on the Human Resources website free of charge. Research jobs will follow the same weekly posting cycle as staff jobs. Postings may be left on the system for more than one week. This new optional job posting service will assist both research staff and researchers in ensuring that research jobs are posted quickly and efficiently to the whole community. As of the Sept. 13, 2004 issue, the *Gazette* will no longer publish research and contract job ads as a free service. Researchers will continue to have the option of advertising job postings in the *Gazette* using paid display (box) advertising. Details are available at [qnc.queensu.ca/gaz\\_online.php](http://qnc.queensu.ca/gaz_online.php) or by calling 533-6000 ext. 75464. To post research positions using this service, the researcher must first ensure that a position summary is evaluated and approved by the Compensation Unit. A copy of the approved position summary will be linked to the advertisement. To ensure that there are no delays in posting a job, Human Resources recommends that the position summary is sent to the Compensation Unit at least 7 days in advance of the posting cut-off date. Researchers or departmental administrative designates must have a university NETID to use the service.

#### Access to postings

While most employees have computer access in the workplace or at home, public computer sites are also available across campus, including: Stauffer, Douglas, Bracken (Botterell Hall), Education (McArthur Hall, West Campus) and William R. Lederman Law libraries; Mackintosh-Corry Hall main thoroughfare near the cafeteria; B109 and B111 Mackintosh-Corry and 155 Jeffery Hall. CUPE Local 229 jobs will also be posted on bulletin boards in work areas in Physical Plant Services (PPS), Residences and Athletics. Job details for staff job postings will continue to be available in the Human Resources department in Richardson Hall. Hours are 8:30 am to 4:30 pm weekdays. (During July and August, the office will be closed noon – 1 pm). For questions about these changes, please contact Employment Coordinators Pat Eaton (ext. 74176) or Susan Goodfellow (ext. 74183) or Manager, Employment, Planning and Development Julie Mekarski (ext. 74803).

## PhD Examinations

Regular university staff may attend PhD oral thesis examinations.

### Wednesday, Sept. 15

**Yumei Cao**, Materials and Metallurgical Engineering. Modified glass fibre reinforced polymer composites. Supervisor: J. Cameron, 227 Nicol, 10:30 am.

### Thursday, Sept. 16

**Robert Martyn**, History. Cassandra's dilemma: intelligence support to multinational peacekeeping. Supervisor: A. English, 222 Watson, 3 pm.

### Thursday, Sept. 16

**Alexis Pietak**, Physics. The role of silicon in the bioactivity of skeletal bioceramics: a material and biological characterization of silicon-tricalcium phosphate based ceramics. Supervisors: M. Sayer, M.J. Stott, 201 Stirling, 2:30 pm.

### Friday, Sept. 17

**Firouz Behnamfar**, Electrical and Computer Engineering. Single and multiple antenna communication systems: performance analysis and joint source-channel coding. Supervisors: F. Alajaji, T. Linder, 302 Walter Light, 1 pm.

**Michelle Byrnes**, Pharmacology and Toxicology. Brain growth spurt-prenatal ethanol exposure in the guinea pig: effects on behaviour, cognition and hippocampal function, and comparison with chronic prenatal ethanol exposure. Supervisors: J.N. Reynolds, J.F. Brien, 246 Botterell, 1:30 pm.

**Jennifer Cronin**, Art History. Manufacturing national park nature: photography, ecology and the wilderness industry of Jasper National Park. Supervisor: L.L. Jesup, 320 Ontario, 2 pm.

### Monday, Sept. 20

**Andrew Bell**, Physiology. Behavioural determinants of crossmodal

integration in the primate superior colliculus. Supervisor: D.P. Munoz, 449 Botterell, 2 pm.

**Said Elnaffar**, School of Computing. Towards workload-aware DBMSS: identifying workload type and predicting its change. Supervisor: T.P. Martin, 524 Goodwin, 2 pm.

### Thursday, Sept. 23

**Bing Ma**, Materials and Metallurgical Engineering. Inverse segregation and near-surface microstructure development in Al-Cu alloy castings'. Supervisors: R.W. Smith, J.D. Boyd, 227 Nicol, 9:30 am.

### Thursday, Sept. 23

**Stephen Marmura**, Sociology. The implications of interconnectedness: hegemony and Holy War on the world wide web. Supervisor: E.T. Zureik, D528 Mackintosh-Corry, 10 am.

### Friday, Sept. 24

**Catherine Côté**, Political Studies. TV coverage and cynicism: an analysis of the 2000 Canadian federal election. Supervisor: M.J. Mendelsohn, Richard Nadeau, Dépt. De Science Politique, C326 Mackintosh-Corry, 3 pm.

### Friday, Sept. 24

**Pavit Ronald Tovich**, Anatomy and Cell Biology. Occurrence of non-nuclear somatic histones in the perinuclear theca of bovine spermatozoa. Supervisor: R.J. Oko, 915 Botterell, 9 am.

## Volunteers

### Pregnant subjects needed

A joint Queen's and KGH study is looking for healthy pregnant women prior to 25 weeks (and ideally prior to 14 weeks) along. Compensation is provided. Please call 549-6666, ext. 4348 or email paris@post.queensu.ca for more information.

## A Footnote on Health

### Making the fall transition

After two months of relaxing and enjoying a retreat from the working world, the fall season arrives and brings with it a sudden flurry of activity. Everywhere people are returning to work and school—and to the hectic schedules that are a part of their day-to-day lives. However, it's not unusual to find this sudden change difficult—it can quickly sap energy levels and leave you feeling stressed, tired and even prone to illness.

Here are a few tips to help you reduce stress, ward off fatigue and keep yourself in good health as you make the fall transition.

### Readjust your internal clock.

Try getting to bed and waking up earlier. Most experts recommend seven to eight hours of sleep for adults to stay healthy and alert.

### Eat well.

Get up early enough to have breakfast. The hype around breakfast being the most important meal of the day is true. A balanced breakfast is the ultimate brain booster.

### Take a stress-reducing breather.

Stress weakens the immune system. Release excess stress with a favourite hobby, a walk, reading the newspaper or listening to music.

### Don't over schedule yourself.

It's easy to get overwhelmed by a busy calendar. Reduce your weekly activities by fifty per cent, leaving room only for those activities you can reasonably manage. And remember, it's just as important to schedule *inactivity* into your daily routine.

Need more information on managing stress and adding balance into your life? Your Employee Assistance Program (EAP) can help. A confidential off-site program available to faculty and staff.

### School of English seeks conversation partners

Want experience with ESL students? Want to learn about other cultures? Want to meet amazing people? Come out and chat with students, do a little tutoring. Training provided. 533-6000, ext. 75123 or lott@post by Sept. 17 at 4 pm.

### Standardized patients

We will train people from the community to play the roles of patients or the relatives of patients on Tuesday afternoons from mid-Sept. to late March, and on Thursday afternoons from early March to early May. Everyone is invited to apply especially men aged 20 to 40. For more information contact Dianne Morales, 533-6887, dm1@post.queensu.ca or go to <http://meds.queensu.ca/~webspp/>.

## HELP LINES

### Campus Security

Emergency Report Centre:

533-6111

### Human Rights Office

533-6886

Irène Bujara, Director

### Sexual Harassment

Complainant Advisors:

Margot Coulter, Coordinator  
533-6629

Chuck Vetere – Student Counselling  
533-2893 ext. 77978

### Anti-Racism Complainant Advisors:

Stephanie Simpson, Coordinator  
533-6886

Audrey Kobayashi – Geography,  
533-3035

### Anti-Heterosexism/Transphobia

Complainant Advisors:

Julie Darke, Coordinator  
533-6886

Eleanor MacDonald, Politics  
533-6631

### Coordinator of Dispute

Resolution Mechanisms:

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

### Sexual Harassment

Respondent Advisors:

Paul Banfield – Archives  
533-6000 ext. 74460

Mike Stefano – Purchasing  
533-6000 ext. 74232

Greg Wanless – Drama  
533-6000 ext. 74330

### Anti-Racism Respondent Advisor:

Ellie Deir – Education  
533-6000 ext. 77673

### Internal Dispute Resolution

SGPS Student Advisor Program  
533-3169

### University Dispute Resolution

Advisors – Students:

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

### University Grievance Advisors – Staff:

Kathy Beers – Student Affairs  
533-6944

Bob Burge – JDUC  
533-6000 ext. 78775

Gary Racine – Telecommunications  
533-3037

### Freedom of Information and Privacy Protection

Information Officer  
533-2211

Commissioner  
533-6095

### Employee Assistance Program

1 800 387-4765

### University Chaplain:

Brian Yealland  
533-2186

### Rector

Ahmed Kayssi  
533-2733

### Student Counselling Service

533-2893

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



Increase your performance.  
Reduce risk of injury.  
Treat pain!

## The Kingston Foot and Ankle Clinic & Orthotic Centre

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watch the web  
be safe  
keep informed

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

## PRACTISE, PRACTISE, PRACTISE



CELIA RUSSELL

The women's rugby team works out on Kingston Field in preparation for their fall season. The team plays its next game this Saturday, Sept. 18, at home against Guelph.

### Art

#### The Agnes Etherington Art Centre

University Avenue  
Etherington House, *Agnes Etherington, A Legacy* to Dec. 2005; African Gallery, *Metal Work of West Africa*: a selection from the Justin and Elizabeth Lang Collection to July 31, 2005; The Bader Gallery, *Real and Imagined People* to June 19, 2005; The Davies Foundation Gallery, *Celestial Bodies*, Ed Pien, Nov. 27, 2004 to Jan. 30, 2005; Contemporary Feature Gallery, *BFA Faculty Show*, Nov. 20, 2004 to Jan. 23, 2005; Bader Gallery; Frances K. Smith Gallery, *The Nature of Work* to Dec. 19; Historical Feature and R. Fraser Elliott Galleries, *The Century of Mannerism: Sixteenth-Century Italian Drawings in Canadian Collections*, Oct. 17 to Dec. 15; Samuel J. Zacks Gallery, *Baroque Flourishes, Première Series* Aug. 29 to Nov. 28; Contemporary Feature and The Davies Foundation Galleries, *Blind Stairs* to Nov. 7; *Ah, Wilderness! Resort Architecture in the Thousand Islands* to Sept. 29.  
[www.queensu.ca/ageh/](http://www.queensu.ca/ageh/)

### Events

**Wednesday, Sept. 14 to Sunday, Sept. 19** – start your year with ART! A programme of events to welcome students to the Art Centre, including gallery talks, studio activities, contest, student films, reception, and open mic night.  
**Thursday, Sept. 16** – Pierre du Prey, *Art Matters*. A talk in the exhibition *Ah, Wilderness! Resort Architecture in the Thousand Islands*. Agnes Etherington Art Centre, 12:15 pm, free.  
**Saturday, Sept. 18** – Doors Open Kingston. The Art Centre participates in Kingston's third Doors Open, a celebration of Ontario's heritage. Animators will be in the galleries to answer questions and the studio will feature drop-in art activities. 10 am to 5 pm, free.  
**Sunday, Sept. 26** – Final guided tour of *Ah, Wilderness! Resort Architecture in the Thousand Islands*. 1:15 pm, free with admission.

### Union Gallery

1st floor of the Stauffer Library (corner of Union and University)  
*A Kind Jester* to Oct. 5, Project Room. Reception Saturday, Sept. 25, 6 to 8 pm in the gallery.  
[www.uniongallery.queensu.ca/](http://www.uniongallery.queensu.ca/)

### The Studio

B144 Duncan McArthur Hall (corner of Sir John A. MacDonald Blvd. and Union Street)  
*Wind and Water*, paintings by Kim Woodman to Oct. 22. Reception Friday, Sept. 10, 6 pm. Gallery hours: Monday to Thursday, 11:30 am to 1 pm. For information contact Angela Solar, 546-1237, [solara@educ.queensu.ca](mailto:solara@educ.queensu.ca).

### Music

#### Saturday, Sept. 18

School of Music  
A Concert of Chamber Music by "Trio Chanteclair" (Thomas Davidson piano, Tracy Davidson soprano, Gordon Craig clarinet). Dunning Hall Auditorium, 7:30 pm. Adults \$12, students and seniors \$6. Tickets are available at the door.

#### Departmental seminar schedules

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

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

**Business**  
[business.queensu.ca/research/conferences/index.html](http://business.queensu.ca/research/conferences/index.html)

**Centre for Neuroscience Studies**  
<http://queensu.ca/neurosci/seminar.html>

**Chemistry**  
<http://chem.queensu.ca/NEWSAN/DEVENTS/Seminars/Seminar02/W.PDF>

**Computing**  
<http://cs.queensu.ca/seminars/>

### Economics

<http://qed.econ.queensu.ca/pub/calendar/week.html>

**GeoEngineering Centre at Queen's – RMC**  
[www.geoeng.ca/GENG840\\_Schedule.htm](http://www.geoeng.ca/GENG840_Schedule.htm)

**Human Mobility Research Centre**  
[www.hmrc.ca](http://www.hmrc.ca)

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

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

**Policy Studies**  
[localendar.com/public/spscal](http://localendar.com/public/spscal)

### Public Lectures

#### Thursday, Sept. 16

**Philosophy**  
Henry Laycock, Queen's. Logic, stuff and things. 517 Watson, 4:30 pm.

#### Tuesday, Sept. 21

**Eighteenth- and Nineteenth-Century Studies Group**  
Chris Bongie, Queen's. My Haitian pen: an introduction to the writings of Baron de Vastey (1781-1820). 517 Watson, 7:30 pm.

#### Wednesday, Sept. 22

**OPIRG**  
Uri Davis, University of Durham, University of Exeter. Apartheid Israel and the Jewish National Fund, the story of the Amwas, Yalu and Beit Nuba and Canada Park. Chernoff Auditorium, 7:30 pm. Information: Mary Zureik 613-531-9129 [zureikm@cogeco.ca](mailto:zureikm@cogeco.ca).

### Special Events

**Astronomy open houses**  
Open houses at Queen's in collaboration with local RASC Kingston take place every second Saturday each month, 7:30 - 9:30 pm from Oct. to March and 9 to 11 pm April to Sept. All welcome and admission is free. For more, visit:

[observatory.phy.queensu.ca](http://observatory.phy.queensu.ca) (tour schedules and observatory info)  
[members.kingston.net/rasc](http://members.kingston.net/rasc) (Royal Astronomical Society of Canada).

#### Wednesday, Sept. 15

**Summerhill tea**  
Membership reception and tea at Summerhill for members, prospective members and guests. 10:30 am to 3 pm. Information, Lynn Nolan, 389-8747.

#### Friday, Sept. 17

**Teaching assistants session**  
Professional development day for teaching assistants, Lower Ban Righ Centre, 9 am to 3 pm. Free and open to all new and experienced TAs. For detailed information and to register: [www.queensu.ca/taservices/TADay2004/](http://www.queensu.ca/taservices/TADay2004/)

#### Wednesday, Sept. 22

**NSERC information session**  
Discovery Grant Application news session for all NSERC disciplines. Professors, staff and students welcome. 12 Dunning Hall, 9 am. RSVP to the Office of Research Services, ext. 36081.

#### Friday, Sept. 24

**Queen's Daycare**  
Tree planting ceremony attended by Principal Karen Hitchcock to celebrate the 35th anniversary of Queen's Daycare Centre. 184 Union Street, 4:30 pm.

#### Tuesday, Sept. 28

**Feminist Book Club**  
Community members, staff, faculty and students meet at 32 Bader Lane to discuss Nancy Thayer's 'The Hot Flash Club'. Meetings are held the last Tuesday of each month and the books are available at the library and local bookstores. Not necessary to read the book. Homemade soup is provided for a small donation. Alison Quattrocchi will facilitate. Information [amq\\_1975@yahoo.ca](mailto:amq_1975@yahoo.ca). Oct. 26, Anita Brookner's 'Hotel du lac'. Dec. 2, Merilyn Simonds's 'The Convict Lover'.

### Workshops and Conferences

#### Friday, Sept. 17

**Statistics Day**  
In honour of Agnes Herzberg. Invited speakers: Stephen Lagakos (Harvard), David Andrews (Toronto), David Cox (Oxford). All lectures will be in the Conference Room, University Club, Queen's University, 168 Stuart Street, Kingston, Ontario, Canada. Parking available in parking garage one block away at the corner of Stuart Street and University Avenue. Information 613-533-2846 or [www.mast.queensu.ca/~murty/agnes.html](http://www.mast.queensu.ca/~murty/agnes.html).

#### Friday, Oct. 1

**Southeastern Ontario Health Science Centre Orthopaedic Conference**  
Stepping into the Future. \$80 per person, \$65 SEOHSC staff, \$50 students includes program materials, refreshments and lunch. Holiday Inn, Kingston, 8 am to 4 pm. Cheque/ money order payable to KGH - Orthopaedic Conference. Information 549-6666, ext. 2111.

### Submission Information

To ensure we run your information correctly, Calendar items must appear in this format:

date, department, speaker's name and affiliation, title of lecture, place, time, and cost if appropriate.

Please submit your information in the body of an email message to: [gazette@post.queensu.ca](mailto:gazette@post.queensu.ca)

The next Gazette deadline is Monday, Sept. 20 at noon.