



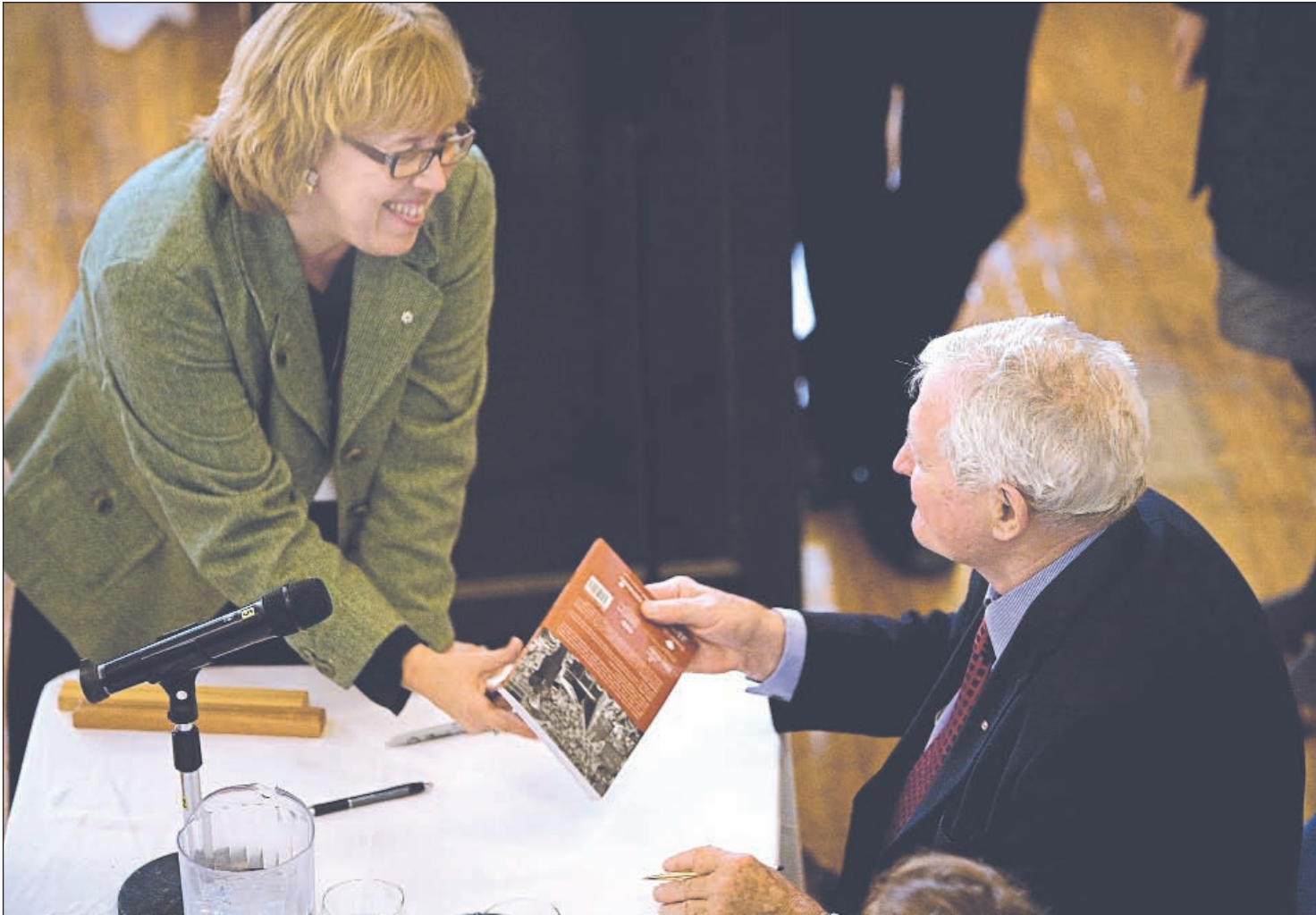
QUEEN'S GAZETTE

Cuba course makes a comeback P9

Campus in the country P4



MAY I HAVE YOUR AUTOGRAPH?



GREG BLACK

Former Liberal Prime Minister John Turner signs a copy of his book, *Politics with Purpose: 40th anniversary edition* for Elizabeth May, leader of the federal Green Party, at a symposium held in his honour last Friday in Grant Hall. Ms. May participated in a debate on *The Future of NAFTA: The Great Debate Revisited*. Both events were presented by the Queen's Centre for the Study of Democracy.

Students rate Queen's tops in annual survey

By LORINDA PETERSON

Queen's received more A pluses than any other university in the Canadian University Report published on October 23 in the country's largest national newspaper. Describing themselves among the most satisfied students in Canada, Queen's undergraduates surveyed expressed the highest degree of satisfaction with the quality of their undergraduate education experience and the academic reputation of their school, giving an A+ rating to both.

"Surveys like this are invaluable because the data reflects actual students' experiences at their schools," says Talia Radcliffe, President of the Alma Mater Society, the central undergraduate student government at Queen's. "With regard to Queen's, where its students have a high level of engagement in campus life through both extracurricular activity and direct participation in university governance, the results from this survey are especially significant."

Ranked in the category of a medium-sized university (size 12,000 to 22,000), Queen's was also tops with students this year in the quality of teaching they receive; the availability and variety of courses offered; the buildings and facilities on campus; library facilities and services – which received one of only two A pluses across all size categories; campus technology; and extracurricular activities.

"Queen's has long had a reputation for a highly engaged student body, combining academic rigour with a wide range of activities and opportunities for involvement outside the classroom," says Principal Tom Williams. "The satisfaction of our students is reflective of not only the quality of education and teaching but also of the broader student experience, the many

See SURVEY: Page 2

Alumni share views on Aberdeen solution

By CELIA RUSSELL

More than 300 alumni have responded so far to a request for feedback on how to end an unsanctioned street party that takes place on Aberdeen Street on Homecoming Weekend.

Alumni have until Nov. 17 to respond to a joint email memo from Principal Tom Williams and

Queen's University Alumni Association President Sarah Renaud, asking for solutions.

"There is no question in my mind that changes need to be made," Principal Williams told members of Senate at their monthly meeting last Thursday. Alluding to the potential cancellation of the annual Homecoming, he

cautioned that such a move might have "a devastating impact on the community in which we live. Homecoming generates between \$6 and \$7 million annually to the community."

"We want to make sure that these people are not adversely impacted."

Referring to recent editorial cov-

erage of the topic in the Kingston Whig-Standard, the principal noted that the newspaper may not be happy with the Nov. 17 deadline but he will be working on his timeline.

"The appropriate thing to do at Queen's in these situations is to consult widely," Principal Williams said, referring to faculty, staff,

See ABERDEEN: Page 2

Archives makes a serendipitous discovery

GRANT'S ROYAL MEDAL DISCOVERED IN FILES

By KEN CUTHBERTSON

An important, but long-misplaced piece of Queen's history has reappeared after many years thanks to what University Archivist Paul Banfield describes as "a serendipitous discovery."

Heather Home, the Archive's Public Service/Private Records specialist, was sorting through some files recently when she came across one marked "Queen's medals." It was in this box that she found several long-forgotten artifacts, one of which was the medal presented to a dying Principal George M. Grant by the Duke of Cornwall and York – the future King George V.

"It's a fascinating piece of Queen's history," says Ms. Home, "one that hasn't been seen for many years."

She speculates that the medal was probably given to the university some time shortly after Principal Grant's 1902 death. It was held in the Special Collections area of the library, until 1981 when Queen's Archives were established.

"No one had ever looked for the medal, so no one really knew where it was all those years, though we certainly know the story behind it," Ms. Home says.

The Duke and Duchess of Cornwall and York visited campus in October 1902 to take part in the cornerstone-laying ceremony for Kingston Hall. Grant could not attend. Just 66 years of age, he was in

failing health and lay dying in a bed in Kingston General Hospital.

The Royals made their way across the road to KGH, where the Duke presented Principal Grant with the medal, which honoured him as a Companion of the Most Distinguished Order of St. Michael & St. George (CMG).

"Here's something from my father," the Duke is reported to have said as he pinned the white-and-blue starburst medal on Principal Grant's hospital gown. "Wee Geordie" was reluctant to accept the honour, insisting if he did so it would not be for him, but rather on behalf of the university. So it was that following his death, Principal Grant's executor turned the CMG medal over to the university.

According to Ms. Home, now

See MEDAL: Page 2



KEN CUTHBERTSON

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Queen's News Centre

Aberdeen

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board members, alumni and students and various groups in the Kingston community.

"We are now seeking input from a variety of stakeholders, including alumni, about how to put an end to the events on Aberdeen Street," he and Ms. Renaud said in the memo. They plan to review the feedback with the intention of delivering a set of recommendations during the week of Nov. 17.

In the memo, Ms. Renaud and Principal Williams told alumni that the Queen's and Kingston communities are very concerned about the direction the unsanctioned events along Aberdeen Street, just north of the main campus, continue to take.

"University officials, city leaders, police, and the AMS agree that this event, which occurs at the same time as Homecoming, cannot be permitted to continue."

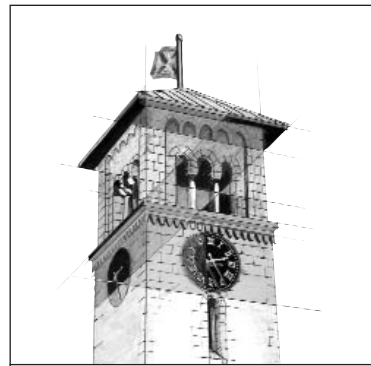
Comments may be emailed to QUAA.President@queensu.ca

Thursday's Senate meeting took place at press time. For full Senate coverage, see the Nov. 10 Gazette. www.queensu.ca/secretariat/senate



GREG BLACK

Reiki master Dave Best gives Geoff Fearn, Arts'74 of the Kingston Chapter of the Parkinson Society of Canada a mini treatment. Both were participating in the third-annual Health and Wellness Fair at the Physical Education Centre (PEC). Sponsored by Human Resources, more than 35 groups and vendors from on- and off-campus participated. For more on HealthyU, visit healthyu.hr.queensu.ca



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SCHEDULE

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STEPHEN WILD

Students toss around an inflatable globe on Agnes Benidickson Field at a recent visit by the Flick Off Express, presented by RBC. The advocacy movement encourages university and college students to stand up for the environment and take action.

Medal

continued from page 1

that Archives staff know the medal's location, it will be included in some future public displays of Queen's artifacts, along with some of the other medals in the rediscovered cache.

"There were several medals in the box, including really intriguing

ones," says Ms. Home. "For example, there's what I think is a military medal from the Mexican Revolution. I have no idea where it came from. I'll definitely have to do some research on it."

archives.queensu.ca

Survey

continued from page 1

opportunities for participation in activities that range from recreational and athletic to civic, national and international service to the broader community."

Results in food services improved at Queen's this year.

"While I'm pleased with the results, Queen's Hospitality Services continues to improve and offer new concepts including Gord's, a new outlet located on Leonard Field with an emphasis in healthy choices. Plans for next year incorporate a complete re-vamping of our meal plans," says Bruce Griffiths, director of Housing and Hospitality Services.

The expected opening of Phase 1 of the Queen's Centre next fall positions Queen's to move up in the athletics and recreation category, which currently lags behind the University's academic reputation.

"We believe that the Queen's Centre, presently in Phase 1 of construction, will dramatically transform athletics and extracurricular life at Queen's in the years to come," says Vice-Principal (Academic) Patrick Deane.

First introduced in 2002, the survey results come this year with a new name, the Canadian University Report, and a new fresh look. The report has increased its survey base this year to 43,400 – 10,800 more than last year – and graded student satisfaction with 55 universities.

It provides a unique view for potential students and their parents of what it's like to be a student on university campuses across the country – studying, eating, sleeping and playing.

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Accessibility champion Steve Cutway retires

By CELIA RUSSELL

Since retiring from his position as the university's Accessibility Specialist a few months ago, Steve Cutway says he feels somewhat of a disconnect from Queen's.

A summer cruise with his wife Nancy Cutway, who retired from the Faculty of Arts and Science office at the same time, helped to put some distance from the daily routine at his former office in Information Technology Services.

But he remains as outspoken and passionate as ever about the

need to improve and raise awareness about accessibility for all in the Queen's community.

"More and more, people have to step up and pay attention," Mr. Cutway said in a recent interview with the Gazette. "We have a long way to go to provide the same amount of accessibility for faculty and staff as we currently do for students."

"We still tend in society to think of disabilities as a homogeneous thing – which it's not – every disability has hugely different accommodation needs. For example, an

accommodation for someone who is deaf is going to be very different for someone who is blind – it's the same for mobility."

The university has made strides towards meeting accessibility requirements in some areas, he says, in particular Physical Plant Services (PPS) in its construction of new buildings on campus.

But there are often simple solutions to what might seem like insurmountable barriers. All it takes is some awareness and a little creative thinking, he says.

Take the Online Gazette, for example.

Blind since early childhood, Mr. Cutway uses voice output software to "read text" on his computer screen. He would like to read issues of the Gazette online, but they are posted in pdf format at qnc.queensu.ca/gaz_online.php.

"A screen reader 'reads' from left to right, whereas the pdf of the newspaper is laid out in columns, which are meant to be read from top to bottom," says Mr. Cutway. "Yup, pdfs are the bane of our existence," he says with a smile.

A Kingston native, Mr. Cutway attended the Ontario School for the Blind (now the W. Ross Macdonald School) in Brantford from the age of 5. He entered Grade 13 at KCVI, across from Queen's campus, then entered Queen's the next year, graduating in 1972 with a Bachelor of Arts. He became station manager at Queen's Radio CFRC in 1974, a position he held for 15 years before joining IT Services. He worked closely with many individuals and departments, including Disability Services, Special Readers Service and the Adaptive Technologies Division of the Library.

At a ceremony last June, Mr. Cutway was named the first recipient of the university's inaugural accessibility award for a career advancing accessibility and accommodation issues. Created by the Office of the University Advisory on Equity and the Alma Mater Society student accessibility group, Accessibility Queen's, it recognizes the extraordinary effort of individuals or departments towards advancing accessibility for persons with disabilities at the university.

The groups were unanimous in their decision that Mr. Cutway should be the first recipient, said Jeanette Parsons, Equity office program coordinator.

Mr. Cutway says he's still "blown away" by being named the first recipient – and especially since it was decided to name the award after him. "It came out of left field."

At the ceremony, Kathy Jackson, undergraduate studies coordinator in the School of Kinesiology and Health Studies described Mr. Cutway's sense of humour and willingness to go above and beyond what was written in his job description.

"As one of his colleagues wrote: All one has to do is enter 'Steve Cutway + Queen's' in Google and a long list of his contributions shows up!"

As much as institutions and individuals should pay attention to accessibility, those with disabilities also need to step up and advocate as well as educate others as to what their needs are, says Mr. Cutway.

When he arrived at Queen's, there was no accommodation office, and he had to make his own arrangements. Each year, he put an ad in the Queen's Journal for read-

ers and each year he always got more than he could use (His future wife Nancy was one of his readers).

"When I grew up, we were taught that as blind people, we had to conform to get along in the sighted world. That still makes sense to me. Now it's turned on its head. A person with a disability doesn't really have to have as much ownership of what they do.

"Society tends to treat people with disabilities with kid gloves. It's political correctness that's done this, and it's a real shame... I'm not 'visually impaired,' I'm blind for heaven's sake.

"For me, this is how it is and this is what I need and then don't treat me any differently."

He recalls, with a smile, voicing this sentiment to upper years during his Orientation week outside Richardson Hall, then immediately finding himself on hands and knees with fellow frosh, scrubbing University Avenue with a toothbrush.

As for the future, Mr. Cutway's responsibilities as accessibility specialist have been taken over by others in IT Services. When he and his wife are not traveling, Mr. Cutway says he'll be researching emerging technology by computer – now that he has the time to do it.

"For me, computers have been such an enabling technology. With the advent of the Internet and web browsers in 1993, everything changed."

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www.satogo.com



DAN SHIRE

Andrew Pipe, a former classmate of Steve Cutway and member of the Board of Trustees presents Mr. Cutway with the newly established Steve Cutway Accessibility Award. The award was created by local metalwork artist, Stefan Duerst.

Accommodation team finds services in demand

By KAY LANGMUIR

Accommodating students with disabilities should be seen by faculty as an opportunity to enhance the teaching environment for other students, says the coordinator of a program which consults on accessibility.

"A challenge to accommodate is really a challenge to our creativity about how we deliver education," says Barb Roberts, coordinator of the Post-Secondary Accessibility Consulting Team (PACT), which consults with institutions across the province, from its base at Queen's.

Faculty need to see special accommodations as more than just a workload issue, and academic integrity and social justice must find a balance, she says.

"There are things that can't be done differently but we have to know what they are and why they're that way," says Ms. Roberts, who is on leave from her job as disability services provider with the university.

PACT is now in its second year, having survived its first year as a pilot project funded by the Ministry of Training, Colleges and Universities.

PACT, which has a board of six experts, has so far handled well over 100 cases from various Ontario institutions, and the continuing demands for its expertise also come from outside Ontario.

Fieldwork or practicum requirements can be particularly challenging, with their "work world" implications, as well as issues of

safety, liability and professional accountability, she says.

"Sometimes no accommodation is the answer; sometimes more accommodation is necessary," says Ms. Roberts. "The objective of the project is to bring students and institutions to a mutually respectful and implementable accommodation plan, through better understanding of the disability and the program requirements."

Having PACT as mediator "puts the institution and the student on the same side of the table," where they can be guided to work out their own mutually acceptable solution, she says.

Ms. Roberts also trains faculty and staff training at other universities, showing others how to achieve the right balance between aca-

demically integration and appropriate accommodation.

The program has also received a number of calls for assistance and advice from outside the province, service they currently provide free of charge, save for travel expenses.

Ms. Roberts would like to see PACT possibly expanded to provide fee-for-service consultations outside the province.

"Every disability office works on these issues, but working outside of your institution for other institutions is unique," she says.

Some of the situations frequently handled by PACT include:

- students with learning disabilities who have received accommodation in high school that may not be appropriate in a post-secondary curriculum.

- students with vague documentation of mental-health conditions that need to be clearer to determine functional implications for study programs.
- students with chronic illness who require modifications to their course load or time off from school.
- students whose condition affects social participation in class or group work, raising questions about how far to accommodate what appears to be behavioural difficulties.

"The solutions aren't always the student's first choice, nor necessarily the institution's first choice, but they are always something that both parties can agree to, with dignity and respect." Ms. Roberts says.

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Teaching and learning meet at the biological station on the shores of Lake Opinicon

By CELIA RUSSELL
Gazette Editor

The rustic-looking cabin doesn't look like much from the outside as we approach, hoping to chat with Queen's Biology post-doctoral fellow Troy Murphy about his research into the role of showy colours in bird dominance. Inside, Dr. Murphy is talking very loudly to a colleague, a rather one-sided conversation, it seems, since we can't hear the other person.

After yelling goodbye, he opens the screen door to his "laboratory," grins broadly at us and explains, "Skype," referring to the telephone-like service provider that offers free

calling between computers. "The connection's not all that great up here, but it works if you need to call long distance."

Tucked away on the shores of Lake Opinicon on the Rideau Canal, about 50 km north of Kingston, the Queen's University Biological Station (QUBS) enjoys an international reputation. Hundreds of students, faculty and other researchers from all over the world pass through its doors each year to conduct research and take courses.

Its location provides access to a wide range of flora and fauna, habitats and lakes of various types and sizes, landscapes with a range of

human influence and alteration, a varied topography, specialized environments, and biodiversity.

The station is one of Queen's earliest interdisciplinary ventures, says QUBS Research and Programming Manager Greg Bulté.

Part of its success stems from the mixture of researchers it hosts regularly from Carleton University, the University of Toronto, the Illinois Natural History Survey in Champaign, Illinois, Ithaca College and the University of Western Ontario to name a few.

"The atmosphere is ripe for information sharing," says Mr. Bulté. Even if it isn't the same area of research, people can learn about processes that can benefit their own research project or process of experimentation. The station also reaches out to the community presenting seminar series to which locals and cottagers are invited.

On a rare sunny summer afternoon, Mr. Bulté took three of us from the Department of Marketing and Communications – Senior Communications Officer Nancy Dorrance, University Photographer Greg Black and me – on a tour of the main facility on Lake Opinicon. We got a first-hand look at a sampling of the numerous leading-edge research, teaching and learning activities taking place on the grounds.

A series of real estate purchases and gifts to Queen's have expanded QUBS to encompass more than 2,000 hectares (5,000 acres), including six small lakes and extensive shoreline on Lake Opinicon and Hart Lake, and habitats ranging from abandoned farmland to mature second-growth forest.

"For longer research projects, it is extremely valuable to have land that won't ever be developed," notes Mr. Bulté.

From its inception more than 50 years ago, the station has had a dual mandate – teaching and research. This blurring of lines between the two was apparent on our visit, as Mr. Bulté told us about several of the courses and workshops that take place at the station, from the time the snow melts in the spring through to the end of September.

"It's a campus in the woods," says Mr. Bulté, of the non-stop activity that takes place during the

season. Although secluded in appearance, the main facility boasts wireless Internet. It consists of 32 buildings, a year-round operations centre, a library, conference rooms, 12 separate laboratory areas, a workshop, an aquarium house and a variety of accommodation, ranging from one-person sleeping cabins to large cottages and dormitory space.

Undergraduate as well as international students benefit from the activities taking place at QUBS.

For undergraduate students Alex Hume and Pat O'Reilly, summer at the station offered a window on a future in research as well as an opportunity to earn money through Queen's Student Work Experience Program (SWEP). A two-week intensive field course in second year Biology whetted their appetites for more.

From its inception more than 50 years ago, the station has had a dual mandate – teaching and research.

"This is good for us," says Mr. Hume of the opportunity for hands-on research experience.

He and Mr. O'Reilly assisted Ryan Germain, a master's student of Laurene Ratcliffe, with his research on the importance of plumage colour and song in bird reproduction.

"As undergraduate students during the school year, we don't get to see what the master's students are working on. It's been a great experience to acquaint myself with budding and established biologists at Queen's and from other schools. The people at QUBS in the summer are excellent and since everyone has a similar purpose for their stay, it makes it easy to relate to them and learn about their research interests."

The station is also well known for its field courses, attracting students from all over Canada, the U.S. and further afield. Recent offerings include Applied Fisheries Biology taught by Bruce Tufts (Queen's Biology), Insect Taxonomy/Ecology by Marvin Gunder-

man, known as the Bug Man of McMaster University and Applied Wildlife Ecology, taught by Mr. Bulté and his PhD supervisor Gabriel Blouin-Demers of the University of Ottawa. Earlier in the summer, Mr. Bulté helped with a two-week course on reptiles and amphibians for Grade 6 students from Kingston.

A new two-week field course by Queens professors Steve Loughheed and Yuxiang Wang attracted international interest with participants coming from Queens partner institutions Fudan University (Shanghai) and China Southwest University (Chongqing). The course, Aquatic Biodiversity and Environmental Assessment was a logical extension of a China course developed by Dr. Wang, Canadian colleagues and two partner institutions at Southwest and Zhejiang University on human development and aquatic environment.

It explored environmental, sociological and economic issues that have arisen with the intensive human development and population growth associated with aquatic habitats in China (Yangtze River drainage basin, the Three Gorges Dam).

Two students from Fudan and three plus one faculty member from Southwest with 14 Canadian university students converged on QUBS this summer to explore local aquatic biodiversity, (including the St. Lawrence River). The course was a great success with the students and plans for next year are to run a full three-to-four-week course with half the time spent in each of the two countries.

Life at the station has inspired a loyalty of sorts, with a long tradition of graduate students of former graduate students returning to the station to conduct research, says Dr. Bulté.

"Academically speaking, I am the great-grandchild of (QUBS co-founder) Raleigh Robertson. His first PhD student was the supervisor of my supervisor," says Mr. Bulté, who is researching turtle ecology and conservation, with Professor Blouin-Demers.

It has also served as a scenic backdrop to weddings, the result of romances that blossomed at the station. One is planned for this fall.



YUXIANG WANG
Steve Loughheed (Biology), holds a rat snake for students to examine in his Aquatic Diversity and Environmental Assessment field course at the Queen's University Biological Station. The course attracted students from Queen's partner institutions, Fudan (Shanghai) and China Southwest (Chongqing) universities. From left, Harleigh-Anne Hesse (Trent), Patricia Larocca (Queen's), Mingzhi Qu (Fudan), Ying Li (Southwest University).



GREG BLACK
From left, Erin Schneuker, fourth-year Biology, Wilfrid Laurier, Jonah Withers, fourth-year Biology, Queen's and Daniel Jang, fourth-year Biology, York, retrieve a net that they had previously set for a mark-and-recapture study of Pumpkinseed and Bluegill Sunfish in Lake Opinicon.

Students "get hands dirty" on floating classroom

By NANCY DORRANCE

Learning biology on a floating classroom. Observing fish in their natural environment. Witnessing fisheries biology first-hand. These are some of the attractions that lure undergraduate students from universities across the province each summer to the Applied Fisheries Biology Field Course at Queen's.

Offered at the university's biological field station, the two-week course is part of the Ontario Universities Program in Field Biology. Last August, 11 students from Queen's, Western, Guelph, York and Wilfrid Laurier participated under the supervision of Biology professor Bruce Tufts, director of the station, and teaching assistant Matt DeMille.

The course is designed to introduce students to some of the practical, hands-on skills that they will need to pursue future studies or a career in fisheries biology, but are also able to

use this knowledge for application in fisheries biology research."

The applied skills taught in the course include fish identification, fish capture methods, mark-and-recapture, fish aging, as well as many others.

During the second week, students split into small groups where they design, plan, execute, analyze and interpret their own research projects. This offers them the unique experience of carrying out a research project that will apply the skills they have learned throughout the course.

"Students are engaged by the 'get your hands dirty' approach to biology, and for many of them it has the potential to help shape their future goals," says Mr. DeMille.

"This experience and knowledge can help them make the transition from a theoretical, lecture-based degree to graduate research, fisheries science, or whatever path they may wish to pursue in applied biology."



A close-up view of the fish identification process.

GREG BLACK

Brightness of birds' beaks signals strength: new study

BIOLOGISTS SUGGEST FEMALE COLOUR USED FOR MORE THAN SEXUAL ATTRACTION

By NANCY DORRANCE

Female birds with brighter bills tend to be tougher than their dull-billed competitors, according to new research by Biology postdoctoral fellow Troy Murphy.

Although most studies of bird coloration to date have focused on enhancing mate choice, "This is only part of the picture," says Dr. Murphy. "We need to think in terms of status signals as well: how



GREG BLACK

Beak colour in goldfinches can change within a matter of hours, says postdoctoral fellow Troy Murphy.

tough an individual is, its fighting ability and dominance."

He is studying this phenomenon in American goldfinches, whose bills change colour – from drab brown to bright orange – in both sexes during the breeding season. The bills are coloured by natural fat-soluble pigments called carotenoids, which are used in the birds' immune systems as anti-oxidants and can only be acquired through their diet.

"There's a trade-off. The more carotenoids a bird channels into the colour of its bill, the less there is for its immune system," Dr. Murphy explains. "This makes the bill colour a great candidate for a sexual or social signal."

Studying under Biology professor Bob Montgomerie at Queen's University Biological Field Station (QUBS), the research team, including students Malcolm Rosenthal and Ryan Kelly, uses a spectrometer to measure coloration of the birds' bills. Artificial "lipstick" is applied to their beaks, intensifying colour to the maximum found in the natural population. Since birds can see in the ultraviolet range, these colours appear much differently to them than they do to people.

Metabolic rate of the goldfinches is then assessed by measuring the amount of oxygen they consume. The lower their metabolic rate, the less energy they require to survive. Birds with good immune systems and metabolic rates are able to divert more carotenoids into their beak colour. Behaviour is also measured by



TROY MURPHY

A live female goldfinch is about to feed from a thistle-feeder protected by a taxidermic female model with a dulled bill.

the research group, through dominance trials in aviaries. Above each of two feeders a stuffed model female perches in a lifelike pose. The bill of one model is painted much brighter than the bill of the other. In this case, a bright beak indicates energy reserves and an ability to fight, with females choosing to feed from the feeder guarded by the less dominant stuffed bird, explains

Dr. Murphy.

"The fascinating thing about beak colour is that it can change within a matter of hours, whereas plumage only moults twice a year," he adds. "The beak provides a snapshot of the quality of the bird at that time: a dynamic signal of the bird's condition."

In other research that Dr. Murphy is conducting with tropical

birds in Mexico, both males and females defend their territories year-round, and both sexes have colourful plumage. His work indicates that females are using their elaborate plumage to signal how tough they are when defending territories. This relates to his QUBS study, he says, where brighter beaks indicate: "Get away from this thistle patch. It's mine!"

Sociable spiders and neighbourly birds

By NANCY DORRANCE

Why do certain spiders spin such elaborate webs? And when they live in close proximity to one another, are they apt to catch more prey? Unraveling these and other questions occupied Biology Master's student Susie Crowe this past summer, at the Queen's University Biological Station (QUBS) north of Kingston.

"You might expect their webs to be camouflaged in an effort to avoid predators, but instead they are brightly-coloured, at least to insect and bird eyes," says Ms. Crowe, who is supervised by Biology professor Bob Montgomerie. Her specific focus is on ultraviolet coloration in the webs, outside the range of human colour vision.

If insects are already attuned to UV radiation, the spiders may be taking advantage of this for their own purposes, Ms. Crowe suggests. She will also look at how the UV colour of the long-legged creatures themselves affects prey capture.

The other focus of her research

is on the spiders' social habits. While some have been observed to aggregate, or mass together, very few are actually sociable. "They are mostly solitary, and will even eat each other, given the chance," Ms. Crowe notes, adding that "Males are often eaten by females if they make a misstep!"

Her spectrometry work in the lab the previous summer showed that the spiders' dorsal surfaces reflect ultraviolet rays. This year she enhanced that effect in some animals by painting them with UV paint. In another group, the effect was minimized by painting them with a combination of nail polish and sunscreen.

Over the fall and winter, Ms. Crowe – who obviously does not suffer from arachnophobia – will analyze her QUBS data. She says that studying social behaviour in spiders is particularly appealing "because it is so rare."

For Master's student Mark Conboy, the past summer was his first season working at the field station.

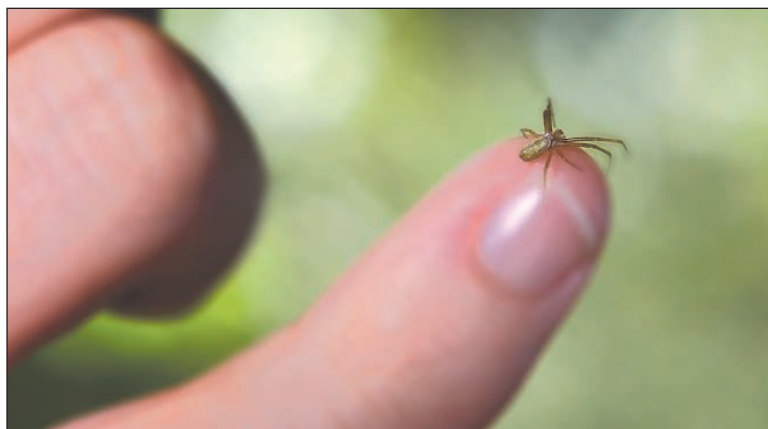
Under the supervision of Biology professor and Baillie Family Chair in Conservation Biology Paul Martin, he is seeking the reasons why closely related species can co-exist in the same location. The major focus of the research is to understand the extent to which closely related species' territories overlap. "How is it that species similar in foraging and nesting patterns, shape and size can occupy the same place?" asks Mr. Conboy.

One theory is that species which are more closely-related or more recently evolved from a common ancestor ("recent" being less than two million years old) behave as if they are virtually the same species, competing with each other for resources, he says. Alternatively, closely related species may not have any problems co-existing because they take advantage of different resources in different ways.

Mr. Conboy and his field crew mapped the warbler territories by following singing males with a hand-held GPS unit, which has an accuracy level within a radius of three to five metres. He then gathered vegetation data by laying a grid over the mapped territories and sampling the vegetation every 25 metres.

"This is probably the first time that anyone has looked so closely at vegetation in a warbler territory," says the young researcher. From this sample, he determined that most of forest is dominated by sugar maple and ironwood, while eastern white pine – which was heavily logged in the previous century – is also a commonly occurring species.

The students are also gathering general data for QUBS, since a property-wide assessment of its bird life and woody plants has never been conducted. There are 53 randomly selected points on all the Queen's properties, each of which will be sampled twice. More than 3,000 individual birds have been counted, with close to 1,000 individual vegetation plots assessed.



GREG BLACK

A close-up of a spider on Susie Crowe's finger.



GREG BLACK

Mark Conboy is studying why closely related species can co-exist in the same location.



GREG BLACK

Studying social behaviour in spiders is particularly appealing because it is quite rare, says Master's student Susie Crowe.

VIEWPOINT

PETER MACKINNON



Are universities still communities of scholars?

The following is based on a talk that University of Saskatchewan President Peter MacKinnon (Queen's Law '72) delivered at the Oct. 20 Monday Morning Forum, presented by the Retirees Association of Queen's.

For present purposes for discussion, the phrase, "communities of scholars," brings to mind an image of the university that is rather more simple – simple in the sociological sense of course, than our images of universities in the 21st century.

Early universities, or at least, earlier universities, were smaller, more homogenous and more cohesive in terms of shared understanding of the nature of the academy. It is possible to imagine at these universities, an approximation of the ideal as we might envision an assembly of professors and students aligned in the scholarly pursuit of enlightenment. One does not have to be a romantic to see much that is attractive in this ideal – knowing one another, collaborative mission, shared academic values, being reinforced in a sense of purpose, sense of place – if not among those scholarly inhabitants of those communities, at least among its observers who compare its features to the present-day academy.

Such a comparison of these imaginary, or real, or perhaps a bit of both, communities of scholars and the present-day academy would point to five features of the present-day academy that challenge the idea and ideal of a community of scholars. These are size, diversity of mission, nature of management, labour relations and external stimuli and pressures.

Size. Our universities have become very large. The University of Toronto has more than 70,000 students, the University of Montreal has 58,000. York and UBC are not far below those numbers. Others have more than 30,000. Queen's and the University of Saskatchewan are mid-size by Canadian standards. But even at Saskatchewan, we have about 20,000 students on an urban campus with more than 100 buildings on 2,000 acres – with faculty and staff at a nearby research park – that's about 30,000 people who inhabit our campus during the height of the term. So, feature number one, in this comparison between the early academy and the present academy: Size.

Diversity of mission. You're familiar with the term, multiversity. The word refers to a university that has numerous constituents and affiliated institutions such as separate colleges, campuses and research centres. It does not describe all modern universities, but it describes many of the most prominent ones. Such institutions have many missions. Its members may be at least as attached to the mission of their constituent part as they are to the whole.

The nature of management. Professional and bureaucratic management is a feature of all universities, particularly the large multiversities. Financial services and accounting, ancillary services in the hundreds of millions of dollars, human resources, a comprehensive regulatory environment, the care of plants and animals. At the University of Saskatchewan, which has a medical school, a veterinary medical school and a college of agriculture, the care of plants and animals is a huge set of tasks that involves very, very large numbers of people. The maintenance of buildings and grounds, relationships with external bodies, cumulatively all of these things ... these require a sizeable cohort of managers and professional employees whose work is essential to the operation of our universities.

Feature number four – this is a controversial one – labour relations. Perhaps as a result of some of the features that I have already mentioned – size, diversity of mission and particularly nature of management – employees of universities have turned to models of employer-employee relations that are external to the idea of the collegial culture of the earlier universities. Many of our communities of scholars have organized themselves into trade unions, thereby incorporating into the academy a bundle of laws, protocols and cultural behaviours that have powerful ramifications for our universities ...

When university employees organize themselves into unions, they import the laws that apply to trade-union organizations in the province. These are a bundle of laws – I would argue protocols – and reinforcements of culture to a degree that are not at least historically part of the university involvement in the university vocation. In some respects it presents challenges to it. Some would say those challenges are fine and the results are good. Others would say those challenges are troubling and the results are not so good. I don't think the implications of this are as fully recognized as they might be, particularly when you have an environment in which you have a large number of unions, as I do at the University of Saskatchewan.

The fifth feature in this comparison between the earlier academies and present-day ones is external stimuli and pressures. Perhaps there was a time when universities could have been realistically described as ivory towers or places apart, but not anymore. Universities are expected to be prominent in the communities in which they are situated. They are expected to take a direct and active role in addressing their problems. They must respond to a large number of external stimuli and pressures, which challenge their ingenuity, their resources and sometimes their independence.

... I think that it's important to maintain an historical perspective on these institutions. The first university I think was an Iranian university founded 2,000 years ago; then came the classical universities of 1,000, or 800 years ago. Even for our older Canadian universities, these are still their early years. Our universities are still very much works in progress. It's always important to remind ourselves of that and to work at ways of making them better to the benefit of their constituents.

QUEEN'S FLASHBACK: MAY 19, 1962



THE MARRISON STUDIO, QUEEN'S ALUMNI REVIEW FILE PHOTO

The above was taken on the occasion of the Arts and Science Convocation, May 19, 1962. Left to right, front row: Chairman E.C. Gill, Principal J.A. Corry, Mr. L.R. Cumming, Chancellor J.B. Stirling, Mr. Robertson Davies, Vice-Chancellor W. A. Mackintosh. Back row: the Rev. A.M. Laverty, Dean A.R.C. Duncan, Miss J. Royce, Dean B. Bryce, the Rev. E. Andrews, Professor F.L. Bartlett.

Working with PARTEQ

WHAT'S IN IT FOR YOU AND QUEEN'S?

Much has been written on PARTEQ's role in bringing university research to market and the associated benefits to society. What may be less clear to Queen's faculty, staff and students, however, is what do they and the university get out of it financially?

This question is especially pertinent to those researchers who are thinking about commercial development of their work and have opted to use our services. Once we determine that a researcher's disclosure has commercial potential, one of the first things they must do is assign their intellectual property rights to Queen's.

Inventors are not obligated to use PARTEQ's services, and hence do not have to share their proceeds with PARTEQ. But as many inventors will tell you, there is a personal net benefit from using PARTEQ's services.

Usually each February, I have the pleasure of mailing out cheques to inventors for their share of the net proceeds resulting from their invention. Last February, a total of \$633,000 was distributed to 42 inventors. Since 2000, we have distributed \$9.2 million to inventors. (While they are not obligated to do so, several inventors have donated their proceeds back to the university.)

However, PARTEQ offers benefits beyond the pecuniary one. The first benefit is expertise. Many people may not realize it, but Queen's has one of the oldest and most experi-



PAUL VICKERS
'TEQ TALK

enced offices of technology transfer in Canada. The moment a researcher walks through our door, they have access to a team of 19 individuals with nearly a century of collective commercialization experience, and a broad network of contacts.

The second benefit is avoidance of risk. Few researchers are willing to personally assume the considerable expenses associated with protecting their invention. By coming to PARTEQ, researchers have access to three registered patent agents and a worldwide network of associates, ensuring that their patent portfolio – and associated risks – are well managed. And if the patented technology never reaches the market, the inventor never sees a bill – the patent costs are assumed by PARTEQ.

As experience has shown us, patent disputes and litigation, especially in the case of profitable inventions, are not uncommon, and can generate legal bills as high as six or seven figures. PARTEQ has a track record of vigorously defending Queen's patent positions. If licensing revenue from the

invention is insufficient to cover the legal bills, the costs are assumed by PARTEQ.

A third benefit is access to funding. Advancing a discovery to market is expensive, and funding can be difficult to obtain. Fortunately, PARTEQ can offer researchers some assistance through our own proof-of-principle funds, such as the \$900,000 Ontario Research Commercialization Program and our own venture funds. We also have long-term relationships with venture capitalists. All of these sources can provide the required funds to move the invention one step closer to successful commercialization.

If we determine that a spinoff company is needed to commercialize a researcher's discovery, researchers see another kind of benefit: they are included in the allocation of founders' equity of the company.

University research and infrastructure benefit from PARTEQ's work as well. Since 2000, Queen's has received \$13.4 million of net proceeds resulting from our activities. Our contributions have helped to improve campus infrastructure and research programs. For example, \$3.8 million of the funds we returned to Queen's were used to finance the construction of the Cancer Research Institute. A further \$9.6 million has been used to fund research activities. Overall, these commercialization activities help to foster the next generation of innovators, and they stimulate new discoveries to commercialize.

Paul Vickers is vice-president of Finance and Administration at PARTEQ.

Viewpoint Policy

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

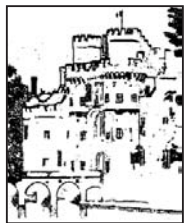
Letters Policy

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

A moving experience at Farley Farm House

Walking through the castle grounds on my way to work, I found myself grinning inwardly at the parodic loveliness of autumn in Sussex this year. From the squirrels nabbing conkers in the leaves at my feet to the pheasants lounging in the sun-filled uplands of the fields beyond, Herstmonceux feels like the best spot in England right now. (There have even been mists and mellow fruitfulness in the evenings). Thanks to John Friend, the International Study Centre's garden guru, you get a post-summer wave of colour and scent in the grounds as the year ticks to a close. All this made me half think of starting a campaign to get "fall term" renamed "autumn term" here, before one of my colleagues tutted and reminded me that the North American usage is actually the more venerable.

As I walked on, though, my mind went back to the summer, and to a field study I went on with my modern British literature students. We spent an absorbing afternoon at Farley Farm House, Lee Miller and Roland Penrose's former home outside Chiddingly, a village two along from the castle. Miller, an American, had a successful time as a model in the 1920s before recreating herself as a collaborator with Man Ray in surrealist photographic experiments. In the final phase of her career, she wangled a pass as a war photographer, where she shot everything from the fighting in Normandy to the death camp at Dachau.



CHRISTIAN LLOYD

Notes From Herstmonceux

Miller's bravery on this journey is attested to by a glass case in the sitting room containing her two sets of knuckle dusters, which she had made for self-protection as she travelled through the chaos of Germany's defeat. (An implacable stylist in the face of chaos, she had a gold-plated version for daytime wear, silver-plated for the evening). In another memorable display we saw at Farley, Miller is photographed bathing in Hitler's bath after she had broken into his abandoned Munich apartment. You can just make out the dust from Dachau that she has wiped from her boots onto Hitler's bathmat in contempt.

Miller's partner, Penrose, was remarkable in his own right: a talented surrealist artist and a great friend and biographer of Picasso, who visited Farley Farm several times. (There's a great photo of Picasso leaning nonchalantly on the sign for Chiddingly village, obviously enjoying being incognito for

once). Farley Farm is filled both with the work of its inhabitants, and also with gifts of personalised artworks from Picasso, Man Ray, and Miró. What is even more exceptional is that the house is now run by Miller and Penrose's son and his daughter so there's a direct connection to the past and authoritative answers to every question you can think of.

I chose to take my students there not only to see what is, in effect, a superb mini-gallery of modernist art and photography, but also to reflect on the way modernity connects us in ways that we don't always notice but which are irrevocable and formative. Only a 20-minute drive from the loveliness of the castle is first-hand evidence of the horrors of modernity in the photos of the death camps and in the way the house speaks of Miller's terrible distress after her witness.

The notion that living in the countryside can in any way take us out of this equation, beyond responsibility, is one that this field study aims to dispel, and I was moved when my students – from China, Canada, and the USA – wrote about it with impressive ethical insight. The castle is undoubtedly a fine setting for study, but the proximity of what is difficult and hard to countenance is also an important part of our experience here.

Christian Lloyd teaches literary studies at Queen's International Study Centre at Herstmonceux Castle in East Sussex, Great Britain.

Journal 2.0: Not your dad's – or your mom's – scholarly journal

The scholarly peer-reviewed journal hasn't changed much in 300 years. Although the proliferation of personal computers and the internet in the 1990s revolutionized the production and dissemination of scholarly journals, it had very little impact on their content or format. Words are now rendered in pixels instead of ink and PDF may have displaced the printed page, but a journal article published today does not look substantially different from those published fifty or even one hundred years ago. However, there are changes afoot that may soon liberate the scholarly journal from its two-dimensional, 12-point, black and white pixel existence.

One of the current trends driving the evolution of the scholarly journal is the increasing interest in and use of computer models, interactive 3D, animation and movies in communicating research, especially in the sciences. One example is the new Journal of Visualized Experiments (JoVE), a peer-reviewed open access journal devoted to the publication of biological research in video format. JoVE's editorial board members are from leading research institutions in Europe, Japan and the U.S., including Harvard University. JoVE publishes video articles and interviews featuring leading life science researchers. Articles consist of short videos describing experimental protocols, techniques and procedures in the life sciences. Since its first issue in December 2006, JoVE has published more



MICHAEL WHITE

Library Now

than two hundred articles and interviews, including a few in Chinese. Earlier this year, the National Library of Medicine began indexing JoVE articles in its MEDLINE and PubMed databases.

The Journal of the Virtual Explorer is another relatively young journal on the cutting edge of electronic publication. Each issue is devoted to a different theme in the earth sciences, with special interest in articles that use animations, movies, interactive media and maps. One issue published in 2002 featured papers on visualization, teaching and learning in structural geology. Established journals are also getting into the act. The one hundred and forty year-old journal Nature now publishes podcasts and streaming videos of current research news and interviews. Science, a weekly journal of scientific research, news and commentary published since 1882, links articles to supplemental information in the form of datasets, colour graphics

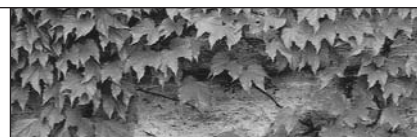
and podcast interviews with authors.

Slowly but surely, journal publishers are reinventing the scholarly journal using web-based technologies. One of the most innovative large-scale experiments underway is the Royal Society of Chemistry's (RSC) Project Prospect. Launched in 2007, Project Prospect uses a variety of technologies to enhance articles published in RSC journals. These enhancements include highlighting chemical compounds identified in a paper, locating terms in chemical and biological ontologies, linking to definitions of chemical terms, retrieving cited and citing papers, and searching compounds in other online databases. Project Prospect also offers researchers the ability to search RSC journals in the traditional method using keywords, or 2D chemical structures and SMILES, ASCII text representations of chemical structures.

Some of the traditional characteristics of the journal will be around for awhile, but it's now clear that the transformation of scholarly communication is well under way. As authors and publishers learn how to use technology to its fullest potential, the scholarly journal will become a dynamic, multimedia map for exploring the rich, interconnected landscape of knowledge in a discipline.

Michael White is the Research Services Librarian in the Engineering and Science Library.

UNIVERSITY ROUNDUP



A not-so dirty little secret

Surprisingly, university energy researchers have known for several decades the dirty little secret about coal: it does not have to be dirty. Over the past 50 years, America's colleges and universities became alternately engaged and disengaged in coal research. Some would say that we suffer from an energy attention deficit disorder, shutting off the alternative energy research tap each time oil prices come down and oil becomes more available. So what happened? Simply put, oil was discovered in such abundance in the Middle East, South America, and other places that oil companies convinced the United States to all but abandon its alternative energy research. Clearly, shortsighted views on energy sources and markets ruled the day.

University Business, October

Report critiques focus on patents

Counting patents may be the easiest way for administrators to measure the success of a university's adventures in technology transfer, but Richard Gold insists that it is also the wrong way. The McGill University law professor argues that universities should not be counting their patents, but instead should be taking stock of what those patents are doing – how they are being licensed, whether they are being picked up in any marketplace, who wants to become a partner in this enterprise and what kinds of social returns all these activities are generating. "Universities need to develop clear principles relating to the use and dissemination of their intellectual property," said Dr. Gold, who founded McGill's Centre for Intellectual Property Policy. "Any notion that patents are a measure of anything in tech transfer should be abandoned."

University Affairs, November

Go private, Oxbridge

Oxford and Cambridge universities should go private because government money is better spent on universities "that transform people's lives" rather than on "finishing schools" for the privileged. This is the view of Brian Roper, vice-chancellor of London Metropolitan University, one of the most socially inclusive universities. In an interview with Times Higher Education this week, he also said: the cost of supporting student diversity is not properly reflected in the university funding system; London Met will have to "rebalance" its drive to be socially inclusive by raising student entry requirements and trying to attract more "traditional" students; the university will seek to carry out international-standard research; a "hotchpotch" of initiatives from government is making it difficult for some institutions to survive; there are too many universities in the UK.

The Times Higher Education Supplement, Oct. 16

Germany boosts education system

Chancellor Angela Merkel has picked education as a strategic focus for Germany after a series of damning reports from the Organization for Economic Cooperation and Development (OECD). Germany's federal government and the premiers of the country's 16 states agreed at a one-day education summit in Dresden to hugely boost spending on education and research to 10 per cent of gross domestic production (GDP) by 2015. "We recognize that people are the biggest resource we have," Chancellor Merkel said. But a dispute remained over who was to pay: the 16 states or Berlin. Annual OECD reports have criticized German schools for failing the children of the poor and ethnic minorities, even though higher-status children are well educated. German universities have been criticized for making entry too difficult. Raising education spending to 7 per cent of GDP and research spending to 3 per cent would mean annual increases of between 25 billion and 60 billion euros (at least \$32 billion), experts said. The federal government has only limited authority over education, with the states reluctant to give up their powers.

Deutsche Welle, Oct. 22

Less aid going to those who need it

Federal and provincial governments have substantially increased student aid in the past decade, but the share going to those who need it most is in decline, a new study finds. Financial aid from all levels of government hit a record \$7.1-billion in 2007, but only 61 cents of every dollar of that total was targeted to students based on need, compared with 80 cents 10 years ago, says a study by the Canadian Millennium Scholarship Foundation. The increasing use of universal programs such as tax credits and postgraduation rebates by governments is driving the change, the study finds, causing a growing share of aid to go to those who can already afford higher education.

"We have no evidence that these programs are going to lead to the kinds of results we often talk about when we look at student support – better access, more affordability and persistence [staying in school]," said Joseph Berger, one of the authors of the report.

The Globe and Mail, Oct. 22

Compiled by Celia Russell

IN BRIEF

Partnership helps doctors, patients

Newly graduated doctors from the School of Medicine now have a unique opportunity to experience working with high-need patients in long-term care facilities, thanks to a new partnership initiative between Queen's and Providence Care.

Launched in the summer of 2008, the program allows doctors studying to become family physicians to do a four-month rotation of their required two-year residency at Providence Manor, a 243-bed long-term care home in downtown Kingston. While at Providence Manor, they assume the medical care of an assigned group of the Home's residents in cooperation with the residents' attending physicians, who continue to oversee all medical care provided.

"This is a great opportunity to introduce new family doctors to a long-term care environment," says Professor of Family Medicine David Barber, who is physician lead of Queen's Family Medicine Department Care of the Elderly program. "By working at Providence Manor they are experiencing geriatric medicine, family practice and a wide range of acute and non-acute care."

Basic and applied researchers funded

Researchers involved in six projects related to basic and applied research have received \$1.46 million in new provincial grants.

The new funding goes to: Ian Moore and Richard Brachman (both Civil Engineering): \$236,809 for their research into making our infrastructure safer; Mark Boulay (Physics): \$401,391 to support his work searching for the origins of the universe; Mark Daymond and Keith Pilkey (both Mechanical and Materials Engineering): \$374,804 to develop materials with new properties; Ugo Piomelli (Mechanical and Materials Engineering): \$125,000 to further our understanding of turbulence; Timothy McKenna (Chemical Engineering): \$250,000 to create the next generation of plastics and synthetic materials; and Tucker Carrington (Chemistry): \$75,000 to study the secrets of molecular particles.

As part of Ontario's Innovation Agenda, the Ontario Research Fund grants will support 46 projects involving nearly 342 scientists and researchers at 13 institutions across the province. This funding is part of a larger, \$37-million provincial initiative to support promising university research in four areas: conquering disease, advancing the digital universe, developing alternative energy technologies and encouraging fundamental and applied research.

By NANCY DORRANCE

Experts in the origins of animal life and in Middle East Studies and new information technologies are the 2008 recipients of Queen's Prizes for Excellence in Research.

Guy Narbonne (Geological Sciences and Geological Engineering) and Elia Zureik (Sociology) have been selected for this honour by the Advisory Research Committee.



Professor of Surgery John Rudan, with KGH team, uses new drill template for hip transplant procedure.

COURTESY OF JON BEGG

Discovery revolutionizes hip transplants

INNOVATIVE SURGICAL TOOL DEVELOPED AT HUMAN MOBILITY RESEARCH CENTRE

By NANCY DORRANCE

A revolutionary new surgical tool developed by researchers at Queen's and Kingston General Hospital will increase the accuracy and accessibility of hip transplant operations, as well as saving time and money.

The invention, an innovative drill template, uses three-dimensional computer models from a patient's CT scan to create a plastic drilling template that exactly fits the patient's bone structure. These templates enable surgeons to more accurately align and place the metallic implants used in hip resur-

facing and other related surgeries.

"The three-dimensional advantage of the CT scan is incorporated into the design to create a customized form that increases accuracy and efficiency in the OR," says professor of Surgery John Rudan, an orthopedic surgeon at Kingston General Hospital. "The virtual representation in this form of computer-assist surgery allows for better reproducibility and a reduction in errors."

Developed at the Human Mobility Research Centre, a collaborative partnership between Queen's and KGH, the new device has been exclusively licensed to a U.S. orthopedics company by the university's technology transfer office, PARTEQ Innovations.

Dr. Rudan originally designed the drill template for a procedure known as hip resurfacing arthroplasty.

This relatively new, less radical surgical technique preserves more of the bone structure than traditional hip replacements in which the entire femur head is replaced with an artificial joint. Only the damaged cartilage on the femur head is removed and replaced with a metal cap, providing a more natural range of motion for the patient and a return to normal activity levels.

With the development of this template, orthopedic surgeons are able to quickly and accurately align the metal cap, reducing operating room time and post-operative complications.

It also allows surgeons at hospitals anywhere to perform this advanced surgical procedure, without the necessity for complex and expensive computer-assisted operating room infrastructure.

The drill template has applica-

tions in other orthopedic procedures, such as knee and ankle replacements and shoulder surgeries, as well. These procedures are geared towards younger, more active patients who would otherwise outlive traditional total joint replacements and be left with permanent, impaired mobility and decreased quality of life.

The new tool was created at the Human Mobility Research Centre by Dr. Rudan and research assistant Manuela Kunz, a mechanical and software engineer whose work combines 3-D medial imaging, computer visualization, tracking technologies, biomechanics and kinematics. "This is a completely new way of performing navigational surgery, allowing patients and surgeons access to the most advanced techniques outside of the clinical research setting," says Dr. Kunz.

Catherine Cahill receives Basmajian Award

Pharmacology and Toxicology professor Catherine Cahill is the 2007/2008 recipient of the Mihran and Mary Basmajian Award, presented each year by the Faculty of Health Sciences in recognition of outstanding research.

The award will be presented on Wednesday November 5 at 4:30pm in Richardson Laboratories Amphitheatre, Room 104. After the presentation, Dr. Cahill will deliver the Basmajian Lecture on "Validating delta opioid receptors as a target for treating chronic pain."

As Canada Research Chair in Chronic Pain, she focuses on



Catherine Cahill

understanding mechanisms underlying the development and maintenance of neuropathic pain – a chronic debilitating condition affecting more than three million people in North America. Her long-term research goal is to identify novel targets for drug development in the treatment of chronic pain, including neuropathic pain syndromes.

Dr. Cahill, who is cross-

appointed in the Department of Anesthesiology, received the first Ronald Melzack Pain Research Award while studying at the Montreal Neurological Institute from 1998 to 2001. Prior to her appointment at Queen's in 2002, she was awarded a Merck Frosst Postdoctoral Fellowship.

In addition to her Canada Research Chair designation, she is the current recipient of a Premier's Research Excellence Award, a Pfizer Neuropathic Pain Research Award, and a J.P. Bickell Foundation grant.

The Basmajian Award was established by John Basmajian, former

head of the Department of Anatomy, in memory of his parents Mihran and Mary Basmajian. It is given annually to a member (or members) of the full-time staff of the Faculty of Health Sciences "judged to have made the most meritorious contribution to health research during the previous year or several years."

The award consists of a bronze metal, an inscribed piece of silver plate, a copy of Dr. Basmajian's book, and a contribution to the recipient's research funding in the amount of \$1,000.

University announces Excellence in Research Prizes

By NANCY DORRANCE

A world-class paleontologist, Dr. Narbonne has discovered and described the oldest animal fossil known on earth, and has been instrumental in developing our understanding of "snowball Earth," a period when glaciers reached the equator. He has teamed up with sedimentologists to show that the oldest animals originated in a deep-sea setting and with geochemists to

show that the appearance of the oldest-known complex animals followed closely after a major episode of oxygenation of the deep sea. Dr. Narbonne's research has changed the way that earth scientists and the lay public view one of the most important steps in the evolution of life on Earth.

An emeritus professor of Sociology since 2005, Dr. Zureik is inter-

nationally renowned for his research contributions on Palestinians in Israel and elsewhere in the Middle East. His leadership in developing research on the role and impact of the New Information Technologies played a decisive role in two major projects on surveillance and privacy studies. Dr. Zureik's ground-breaking, nine-country comparative survey on pri-

vacancy and surveillance provides scholarly and policy research of great value to the social science community, and to all those concerned with democratic governance, and civil liberties.

Professors Zureik and Narbonne will present public lectures on their research on Wednesday Nov. 26 at 7 pm in Stirling Hall, Auditorium B.

Course transports students – body and mind – into Cuba

By KAY LANGMUIR

Students have only a few days left to apply for one of the most unforgettable courses offered by Development Studies which takes them – intellectually, emotionally and physically – into the heart of fascinating, paradoxical Cuba.

"I truly believe there is something revolutionary about knowledge gained through experience in contrast to an understanding gained in lectures alone," says Jennifer Dutra, who was one of 28 students who spent two weeks in Cuba last May as part of the course, Cuban Culture and Society (DEVS 305).

Although preparation for the course is intensive – three hours of class a day, and hundreds of pages of assigned reading material in the two weeks leading up to departure – Ms. Dutra says interested students should let nothing dissuade them, not even the \$2,000 cost of the trip. "This experience far outweighs the stresses of having to find the funds," she says.

The course relies largely on the availability of faculty with field research experience and scholarly contacts in Cuba, and made a comeback last year after a two-year hiatus, thanks to a confluence of Cuban-based research among its three instructors. They have been delighted with the response to the revamped program, now a full-credit course.

"We agreed we had never had a better undergrad teaching experience," says Karen Dubinsky of the

Department of History, who co-teaches with Susan Lord of the Department of Film and Media, and Women's Studies Program, and Catherine Krull of Sociology and Women's Studies.

The students' enthusiasm and comportment did Queen's proud, says Professor Dubinsky.

"No one treated it as a beach holiday," she says, adding that, thanks to the heavy schedule of reading, discussion and film viewing prior to the trip, the students actually felt fortunate to be more than just sun-addled tourists.

Mark your calendar

Cathie Krull (Sociology/Women's Studies) is organizing a major conference at Queen's to be held in May 2009 on 50 years of the Cuban Revolution. The Measure of a Revolution: Cuba, 1959-2009 expected to attract more than 300 people, including Meriella Castro, daughter of President Raul Castro among about 40 VIP Cubans.

Drawing on their research expertise and local contacts, the professors arranged on-the-ground experiences in Cuban history, sociology and film studies, among other topics, including guest lectures from 20 different Cuban scholars, artists, health profession-

als, journalists, film-makers and art curators. The students visited museums, toured neighbourhoods, art galleries, and schools.

Highlights included panel discussions with members of the Literacy Brigades, which formed after the 1959 revolution to teach people in the countryside how to read.

"This session was oral history at its finest, and our students were spellbound," a report on the course states.

Students also watched two new documentaries at the Foundation of New Latin American Cinema, on the subjects of homelessness in Havana and young peoples' perspectives on Cuban politics. The young film-makers also joined the students at the screening.

"You could see the Queen's students being kind of awestruck at the kind of risks that people their age were taking," says Professor Dubinsky.

One guest lecturer was Mariella Castro (daughter of President Raul Castro) director of the Cuban Centre for Sex Education which has just embarked on a campaign encouraging political and social rights for sexual minorities.

"This campaign has been heralded as one of the many important initiatives signaling change in Cuban society and politics, and we were fortunate to get to hear about it directly from the person who has initiated it," the course report says.

The deadline for applications for the intensive four-week course next May, is this Friday, Oct. 31.



JENNIFER DUTRA

A popular course on Cuba has made a comeback after a two-year hiatus, thanks to a confluence of Cuban-based research among its three instructors. Here, students pose in front of the Cuban Ministry of Interior building in Havana, which bears the image of revolutionary Che Guevara.

Monieson remembered

Colleagues and friends remember Marketing Professor Emeritus Dan Monieson, as Queen's School of Business's own goodwill ambassador.

"For 30 years, Danny was an inspiring teacher, researcher and mentor, and a tireless goodwill ambassador for Queen's School of Business," says Dean David Saunders. "He will be missed."

Friends and former colleagues paid tribute to Professor Monieson, who passed away Sept. 20, at a Monieson Centre open house last month.

Professor Monieson joined the Marketing Department at the school in 1961 and quickly became a powerful influence on the lives of his students and colleagues over the next three decades. Renowned as an outstanding teacher, he twice won the Queen's Commerce Society's Teaching Excellence Award.

"Danny, as many of you knew him, was a powerful influence on the lives of everyone he met over three decades of teaching," says Yolande Chan, professor and director of The Monieson Centre. "He taught, mentored and, in many instances, launched the careers of graduates who have gone on to leadership positions in organizations around the world. He encouraged fellow faculty members to achieve excellence in their fields of study. He worked tirelessly for the students, faculty and staff of Queen's School of Business."

In 1999, thanks to a generous gift from Mel Goodes, Com'57,



Dan Monieson (right) poses with Mel Goodes.

COURTESY OF QUEEN'S SCHOOL OF BUSINESS

LLD'94, and the leadership of Professor Monieson, QSB established the Monieson Centre, a research-based centre designed to help organizations harness and enhance their knowledge capital.

Memorial donations may be

made to the Heart and Stroke Foundation or the University Hospitals Kingston Foundation, www.uhkf.ca. To donate to the Danny Monieson scholarships, contact Tina Bailey at tbailey@business.queensu.ca.

Queen's composer presents new music for Remembrance Day

Music professor and composer John Burge will launch his new CD, Flanders Fields Reflections at Kingston's Indigo Books & Music, 259 Princess St. on Saturday, Nov. 8 from 2 to 3 pm. The CD, by Sinfonia Toronto, has just been released by Marquis Classics. Flanders Fields Reflections is conducted by the orchestra's music director Nurhan Arman and dedicated to string compositions by Dr. Burge. Works on the CD include One Sail, which features the renowned Canadian cellist Shauna Rolston.

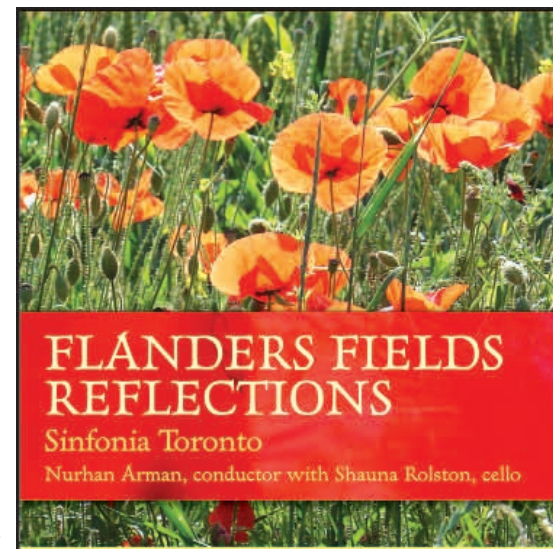
"John's wonderful music for strings has been in our repertoire for a number of years," says Mr. Arman.

The orchestra had already performed the Toronto premieres of his Upper Canada Fiddle Suite and One Sail, and also the world premiere of Flanders Fields Reflections, which was a Sinfonia Toronto commission and the first orchestral work ever composed about the famous Canadian poem, In Flanders Fields, by John McCrae.

"Recording these

works was a real labour of love for us, and we are delighted that now people across Canada will be able to listen to these remarkable compositions," he said. Dr. Burge will also present a lecture on Flanders Fields: Reflections from Poetry to Music to the Queen's Institute for Lifelong Learning (QUILL) in 301 Goodes Hall at 2 pm on Sunday, Nov. 9.

The Flanders Fields CD is now available online on the Sinfonia Toronto website www.sinfonia-toronto.com, and will also be available in retail stores and directly from Marquis Classics www.marquisclassics.com



The fight for Canada (2)

We enjoy the special community called Canada and even though it costs us a little more money to remain as Canadians the price of being Canadian is a price worth paying.
John N. Turner, 9 November, 1985, Halifax

John Turner's opposition to the Free Trade Agreement (FTA) negotiated by Prime Minister Brian Mulroney and his government was clear and consistent when one considers Mr. Turner's thinking and hands-on experience in Canada-US relations back to the 1960s. A close friend of Robert Kennedy, and a man who later spoke at Richard Nixon's 80th birthday party, he was no knee-jerk anti-American like many – even in his own party – who took up the cause against the FTA during the 1988 election.

As the election campaign began that fall, and with an inside-the-Queensway-type move that has never fully, even, to this day, been

explained by the perpetrators, Mr. Turner's leadership came under attack. The 17th prime minister stared down the internal dissenters and mounted his impressive attack on the FTA. Even his two external opponents that fall, NDP Leader Ed Broadbent and Prime Minister Mulroney, later commented in books and during tributes in the Commons on Mr. Turner's bravery and skill on the stump in 1988.

With his intellectual groundings understood and clearly laid out, his "Crusade for Canada" in regards to the FTA is logical and clear. While heading a party with only 40 MPs, a group that hadn't been out of power for any lengthy period of time since the days of John Diefenbaker (a challenge, ironically, faced by Mr. Mulroney as well with the positions reversed for his party), it becomes clear why his bringing his party along with him in the lead-up to this historic national debate was anything but smooth to wit-



ARTHUR MILNES
Expert Outlook

ness. And after the debates, Mr. Turner and Mr. Mulroney both carried the fight personally, on their own shoulders.

With the business community lined up against Mr. Turner, many senior leaders in this sector of our society were his personal friends. Mr. Turner put these strained relations aside and went forward with his opposition to the FTA. His ex-

change with the prime minister in the English-language debate is now part of history. Mr. Turner, for a time, single-handedly galvanized public opinion and fears about FTA in English Canada that night. A new election dawned the next morning.

It is pointless today to argue over who "won" that election or who "lost." Elections Canada voter participation figures prove that all Canadians were victors in that election.

More than 75 per cent of eligible voters cast their ballots for or against Free Trade 20 years ago this fall. Families debated the merits of the policy over dinner, students were engaged on campuses and we debated in our workplaces as well. Canadian democracy since has never been as healthy as it was in 1988.

Again, Elections Canada figures speak for themselves. By 2004 for example, only 60.9 per cent of

eligible voters bothered to participate, a drop of about 15 per cent. (As we just saw in the recent federal election, the situation is now even worse).

Had Mr. Turner not stared down his internal foes and demonstrated his personal skill as a campaigner and debater, and brought his unique experience to the subject that year, Canadians would not have had the chance that they did: the chance to fully participate in the most historic and crucial issue-based election of our time.

Arthur Milnes is a Fellow of the Queen's University Centre for the Study of Democracy. He served as research assistant to former Prime Minister Brian Mulroney on his 2007 Memoirs and is co-editor of a collection of the speeches of the Right Hon. John Turner, Politics of Purpose, 40th Anniversary Edition, released last week by McGill-Queen's Press.

IN BRIEF

Harvard prof to deliver Wood lecture

Richard B. Freeman, a prominent Harvard labour economist, will deliver the 2008 Don Wood Visiting Lectureship in Industrial Relations. His talk, A New Role for Labour in Financial Crisis? will take place in 202 Policy Studies on Nov. 3 at 4 pm.

Dr. Freeman holds the Herbert Ascherman Chair in Economics at Harvard University. He is currently serving as Faculty Director of the Labor and Worklife Program at the Harvard Law School.

The lectureship honours the late Professor Emeritus Donald Wood, a former director of the Industrial Relations Centre and School of Industrial Relations at Queen's. For more information, contact IRC Research Associate Hilary Sirman at 613-533-6000 ext. 77082 or hilary.sirman@queensu.ca

Experts address financial crisis and election results

QUEEN'S IN THE NEWS

Highlights of Queen's experts in the media

■ Oct. 7 – 20

Globe and Mail

Louis Gagnon (Business) – U.S. financial crisis, also on CBC-TV The National, CBC-TV Newsworld, CBC-Radio Canada (Ontario), CBC-Radio syndicate across the country; Prime Minister Gordon Brown's impact on the world's financial system on CBC-Radio Canada (Toronto).

David Mitchell (V-P Advancement) – B.C. Premier Gordon Campbell's approach to carbon tax; shifting election poll numbers over the long weekend in the National Post, Ottawa Citizen, Calgary Herald, Vancouver Sun, Victoria Times-Colonist; future of the Liberal leadership on CBC-TV News Sunday; voter turnout CBC-Radio The Current; Conservative votes in suburban ridings in Vancouver and Toronto in the Montreal Gazette and Vancouver Sun.

Elizabeth Goodyear-Grant (Political Studies) – Ontario's impact on election results.

Jonathan Rose (Political Studies) – Prime Minister Harper's cabinet selection; Canada's electoral system in the Ottawa Citizen; NDP's use of George Bush in Conservative attack ads in the Calgary Herald; Liberal



Aiken



Axworthy



Brock



Cockfield



Gagnon



Mitchell

party campaign messages in the Vancouver Sun.

Ned Franks (Political Studies) – Voter turnout for advance polls; minority government and election results in the Toronto Star and Ottawa Citizen.

National Post

Ken Wong (Business) – Marketing strategy at Concentra Financial; Marshall McLuhan's influence on business in the 20th century in Marketing Magazine.

Tom Axworthy (Policy Studies) – Liberal leadership, also in the Toronto Sun, Calgary Sun, Ottawa Sun, Edmonton Sun, Winnipeg Sun; opinion pieces on revitalization of the Liberal party and on public trust and the federal election in the Toronto Star; voting as an act of Canadian citizenship in the Ottawa Citizen.

Alex MacMillan (Economics) – Opinion piece on housing price risk in Canada versus the U.S.

Ottawa Citizen

Kathy Brock (Policy Studies) – Jack Layton as leader of the NDP, also in the Edmonton Journal, Montreal Gazette, Calgary Herald, and Van-

couver Sun; Canadian engagement in election issues in the Toronto Sun, Ottawa Sun, Winnipeg Sun, Edmonton Sun, Calgary Sun; political party leaders and electoral success in the Toronto Sun, Ottawa Sun, Edmonton Sun, Calgary Sun, Winnipeg Sun; female votes in the federal election in the Calgary Herald, Vancouver Sun, Victoria Times-Colonist; voter turnout and local political candidates in the Kingston Whig-Standard and CBC-Radio Ontario Morning; election results coverage on Global National TV.

Arthur Milnes (Policy Studies) – Opinion piece on lessons from election campaigns.

Michael Greenspan (Electrical and Computer Engineering) – Robotic systems designed to service satellites orbiting Earth, also in the Vancouver Sun and Windsor Star.

Scott Matthews (Political Studies) – Reasons why Canadians vote.

Kingston Whig-Standard

Arthur Cockfield (Law) – Opinion piece on the Working Income Tax Benefit.

David Skillicorn (Computing) – Analyzing deception in Canadian political speeches.



Smol



Wong

Television

Sharry Aiken (Law) – Immigration as a forgotten election issue on TVO's The Agenda with Steve Paikin.

CBC

John Smol (Biology) – Politicization of science on CBC.ca

Heather Evans (English) – Politics of Thanksgiving feasting on CBC-Radio syndicate across the country, CBC.ca and in the Kingston Whig-Standard.

Other

Tom Courchene (Policy Studies) – Political debate over carbon tax in the Calgary Herald and Edmonton Journal.

NEWS and MEDIA SERVICES

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



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Applications are now being accepted for **The Cold Beverage Exclusivity Fund**. Monies arising from the University's agreement with Coca-Cola provide \$100,000 annually to a variety of campus organizations for projects benefiting members of the Queen's community.

For more information concerning the criteria, process and cover page please contact kc@queensu.ca or call 533-6000 extension 74553.

The application deadline is **Friday, October 31, 2008**.

Watch the Queen's Centre grow

Visit the Physical Plant Services website www.queensu.ca/pps to view webcams showing construction of Phase 1 of the Queen's Centre project on the block behind the John Deutsch University Centre. Phase 1 of the Queen's Centre, a \$230-million student life and athletics and recreation project, includes three gyms, changing facilities, fitness area and a 37.5 by 25-metre pool. They are scheduled for completion in fall 2009. A new School of Kinesiology and Health Studies on Dupuis Street, across from Dupuis Hall, is expected to be completed by January 2010.

Diversity, creative problem-solving draw students to occupational therapy

By KAY LANGMUIR

What do you do if you're a student who's as interested in human psychology as human physiology and who enjoys the diversity and creativity of cross-disciplinary study?

If you like the idea of honing your interests into skills to help people manage physical, cognitive or psychological barriers to quality of life, the career of an occupational therapist may be for you.

Students in Queen's Master's in Occupational Therapy program, offered through the School of Rehabilitation Science, say they love the profession's diverse case load and creative problem-solving.

When an aging parent is recovering from a stroke, or a family is coping with a child's learning disability, or a boomer faces growing anxiety over how upcoming hip-replacement surgery will affect his life, an occupational therapist (OT) gets the call.

"We try to integrate them back into normal activities," says OT student Andrew Cameron. He and

four other students comprise one of the program's "learning teams" – groups of five or six students who work together on projects and support each other through the continuous 24-month program.

With October designated as Occupational Therapy month, the group was set the task of working to raise the profession's profile.

But that usually means facing some common questions, such as what's the difference between occupational therapy and physical therapy? The short response is that while physical therapy specializes in restoring normal range of physical movement, occupational therapy takes a holistic approach to enhancing a person's quality of life.

The word "occupational" can also be misleading, leading people to think in terms of paid employment, when in fact in the broadest sense it means all activities of daily life, including leisure and self-care activities.

"OTs believe that occupation is essential to human health and

strive to use this belief therapeutically so that people can return to practice the occupations that give meaning and purpose to their lives," the students wrote in a recent profile on the profession.

"We try to be very client-centred and focus therapy on what they want."

Chelsea Heath

"We try to be very client-centred and focus therapy on what they want," says student Chelsea Heath.

Classmate Arianna Yanishevsky says she likes the collaborative relationship between patient and therapist.

"We have to figure out what they want and then we work toward helping them to achieve that goal," she says. For example, if a recovering stroke victim is satisfied to accept help in dressing from a fam-

ily member, but very much wants to be able to brush their own teeth, the OT will concentrate on enabling them to do so.

To prepare for careers in OT, the students take courses in everything from psychology, cognitive-neural, anatomy and physiology, to developing skills in interviewing and compiling patient histories, and understanding assistive devices such as canes, walkers and wheelchairs. They also spend time with volunteers from the community, observing and interacting with them as they go about daily tasks. Students also spend a few months in off-campus placements throughout the 24-month program.

Although they may emerge at graduation with some accumulated debt, they're confident about their job prospects. Not only is the number of positions growing in response to an aging population, but OTs are increasingly finding proactive positions in schools and other community-based organizations, the students say.

IN BRIEF

Frances K. Smith lecture to explore nuclear photography

In conjunction with the exhibition *Inhabited Landscape*, on Wednesday, Oct. 29, the Agnes Etherington Art Centre will present the Frances K. Smith Lecture in Canadian Art, featuring John O'Brian of the University of British Columbia.

Dr. O'Brian will deliver a talk entitled *Bomb in the Wilderness: Thinking About Nuclear Photography* in the Atrium of the art centre at 7:30 pm.

He is co-editor of the recently published *Beyond Wilderness: The Group of Seven, Canadian Identity, and Contemporary Art* (McGill-Queen's University Press, 2007). He has published extensively on modern art history, theory and criticism, and is professor of Art History and Faculty Associate of the Peter Wall Institute for Advanced Studies at UBC.

Endowed by curator emeriti and long-time art-centre supporter Frances K. Smith, this annual lecture series provides the opportunity to invite a pre-eminent scholar in Canadian art history to lecture at the art centre.

Opera star to address symposium

Canadian soprano Measha Bruegggosman will be keynote speaker at the opening session of the Canadian Arts and Learning Symposium, which will be hosted by the UNESCO Chair in Arts and Learning at the Faculty of Education, Oct. 29-31.

Critically acclaimed by the



SALVATORE SACCO

Measha Bruegggosman

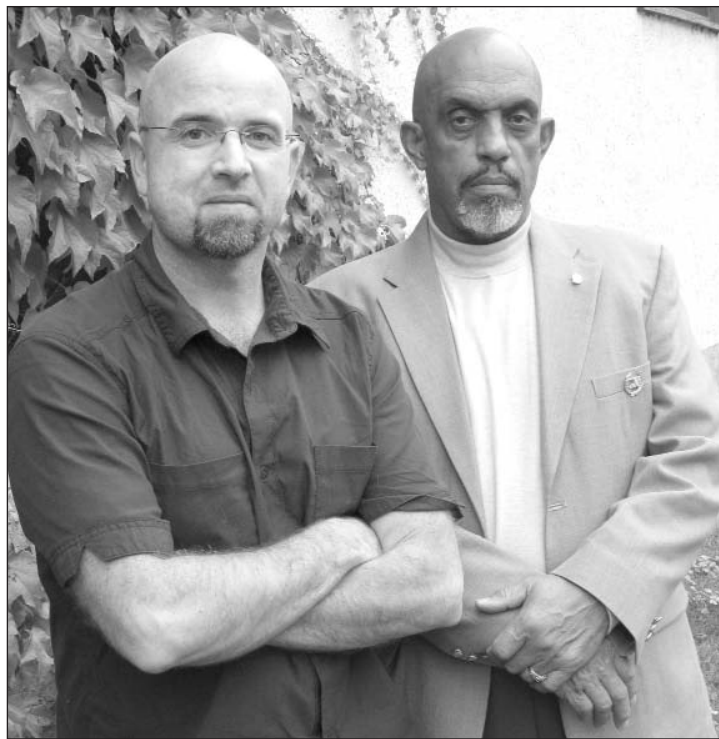
international press as much for her innate musicianship and voluptuous voice as for a sovereign stage presence far beyond her years, Ms. Bruegggosman has emerged as one of the most magnificent performers and vibrant personalities of the day.

The Queen's meeting, which follows on an earlier symposium at the University of Ottawa in May 2007, will bring together arts educators, artists, administrators, researchers and students from across Canada to discuss and advocate for arts and learning. The theme is Network Building within Canadian Educational Arts Communities. Participants will examine ways to build capacity and visibility in arts education in all disciplines and in both formal and non-formal settings by creating and strengthening bridges among stakeholders.

They will also review activities undertaken in Canada since the UNESCO World Conference in Arts Education, held in Lisbon, Portugal, in 2006, and prepare for the next one, which will take place in 2010 in Seoul, Korea.

www.eduarts.ca

HOT VIEWING



KEN CUTHBERTSON

Award-winning filmmaker David Ridgen, Artsci'91, and Thomas Moore, brother of murder victim Charles Moore, visited campus on Oct. 8 for a special screening of Mr. Ridgen's Emmy Award-nominated documentary *Mississippi Cold Case*. The event, sponsored by the Kingston Branch of the Queen's University Alumni Association, attracted about 75 alumni, students, and interested Kingstonians.

Planning for the baby boomers

Canada's baby boom generation is about to turn 65. In barely a decade, the number of senior citizens in every city, town, and village will double – and most communities are largely unprepared to deal with the consequences for housing, transportation, and community services.

Gerald Hodge, former director of the School of Urban and Regional Planning (SURP) uses the latest statistics to map the current and future spatial distribution of Canada's seniors and their diversity in a lecture entitled *Community Planning for the Impacts of Baby Boom Aging*, Wednesday, Oct. 29 at 7:30 pm in 202 Policy Studies. He proposes a comprehensive framework for all communities – large and small, urban, suburban, and rural – that will allow them to respond to the needs of a rapidly aging population while recognizing the importance of maintaining the independence of their seniors.

Sue Cumming, president, Ontario Professional Planners Institute will provide opening remarks while Queen's Geography professor Mark Rosenberg will respond to the lecture.

GEMSTONE, MINERAL AND FOSSIL SALE!

A fund-raiser for the Miller Museum of Geology in Miller Hall, Queen's University, 36 Union St. (Union at Division Street)

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- [Meteorites](#)
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- [Fossils](#)



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For the Record

Submission information

Submissions will be edited to address style considerations and length and should be less than 200 words.

Appointments

New Faculty Appointments

Faculty of Health Sciences
Diane Lu, Family Medicine (Sept. 1)
Michael Sylvester, Family Medicine (Sept. 1)
Jay Engel, Oncology and Surgery (Oct. 15)
Khaled Zaza, Oncology (Sept. 15)
Gregory Stidham, Paediatrics (Sept. 15)
Kenneth Newell, Pathology & Molecular Medicine (Sept. 1)
Gavin Wood, Surgery (Oct. 1)

Staff Appointments

Posted at www.hr.queensu.ca
Oct. 10
 Concurrent Education Assistant, Faculty of Education, 2008-194
Heather Moulton
 IT, Information Technology Specialist, School of Business, 2008-208
Brad Barbeau (Business)
 Project Coordinator – The Monieson Centre, School of Business, 2008-192
Jeffrey Dixon
 Senior Development Officer, Health Sciences, Department of Development, 2008-221
Shannon Coull
 Contact Centre Representative, Advancement Services, 2008-188
Jacqueline Trott
 Animal Care Technician, Animal Care Services, 2008-206
Darlene Potterton (Animal Care Services)

Oct. 17
 Program Assistant, Global Development Studies, 2008-193
Karen Vandermeij (Political Studies)
 Art History Assistant, Department of Art, 2008-175
Lovorka Fabek-Fischer
 Employee Relations Advisor, Human Resources, 2008-201
Adrian Lahey
 Special Assistant, Residences – Inter-group Programs & Community Development, 2008-210
Melissa Gunton (Residences)

Program Manager/Application Advisor, EMBA, School of Business, 2008-178
Tiffany Emery

Awards and Grants

Chancellor A. Charles Baillie Teaching Award

Nominations are invited for the Chancellor A. Charles Baillie Teaching Award to be awarded in October 2009. It recognizes undergraduate or graduate teaching that has had an outstanding influence on the quality of student learning at Queen's. Nominations should provide evidence of an improvement in student learning and/or a demonstrated impact on the quality of the student learning experience, especially through the promotion of active learning. Selection will be based on "excellence in instruction" and on contributions in "at least one of four additional areas of excellence": innovation, leadership, collaboration or linking teaching with research. All full-time and part-time faculty are eligible to be nominated by a peer (a colleague at Queen's) for this award. Deadline: March 2, 2009.

Details: www.queensu.ca/ctl/scholarship/awards/award.php?description=baillie

Cold Beverage Exclusivity Fund

Applications are now being accepted for The Cold Beverage Exclusivity Fund. Monies arising from the university's agreement with Coca-Cola provide \$100,000 annually to a variety of campus organizations for projects benefiting members of the Queen's community. For details, contact kc@queensu.ca or call 533-6000 extension 74553. Deadline: Friday, Oct. 31.

Queen's University Chairs in Teaching and Learning

Nominations are invited for the Queen's University Chairs in Teaching and Learning to be awarded in October 2009. The award recognizes teachers who have a record as excellent teachers and as scholars of teaching and learning, who have demonstrated educational leadership at Queen's and elsewhere, and who



GREG BLACK

Queen's Hospitality Services hosted the Field to Fork harvest lunch celebrating local tastes, flavours and music earlier this month on Leonard Field on Queen's campus. The event aimed to raise awareness about the issues facing the agriculture industry.

have a program of activities that would allow them to make their expertise widely available to the university community. Chairs receive a 3-year appointment and \$20,000 annual discretionary funds to be spent in support of their program. One chair is selected annually. The Chairs work collaboratively with the Centre for Teaching and Learning and during their term give a Public Lecture. All full-time faculty members and continuing adjuncts are eligible to apply. Deadline: Dec. 1, 2008. Details: www.queensu.ca/ctl/scholarship/chairs

Community Service Learning Engagement Grants

Deadline for the second round of funding: Monday, Nov. 3. For details, visit www.queensu.ca/ctl/scholarship/awards/csl_cfp_08-09.php

2009 Herman Voaden National Playwriting Competition

Deadline: Nov. 28. Winners announced April 1, 2009. Sharon Pollock and R. H. Thomson will be judging the final round.

PORTABLE PUMPKIN PATCH

Submission information: www.queensu.ca/drama

Committees

Headship search, History

Richard Greenfield's term as Chair of the Department of History ends June 30, 2009. Principal Tom Williams has appointed a selection committee to advise him on the appointment of the next chair. Members are: Elected Faculty: Jeff Collins, Sandra den Otter, Rebecca Manley, Ishita Pande, David Parker. Appointed Members: Elizabeth Hanson, English department faculty member; Jill Kennedy, undergraduate student; Pam Peacock, graduate student; Debbie Stirton, staff member. Non-voting Members: Alistair MacLean, Dean, Faculty of Arts and Science; David Rappaport, Associate Dean, School of Graduate Studies and Research. Chair: Gordon Smith, Associate Dean, Faculty of Arts and Science. Recording Secretary: Diane Reid, Arts and Science. University community members are invited to comment on the present state and future prospects of the Department of History and to submit

names of possible candidates for the headship to Chair Gordon Smith at gordon.smith@queensu.ca. All letters will be reviewed by the selection committee and will become part of the record of decision-making.

Director search, Policy Studies

Arthur Sweetman's term as Director, School of Policy Studies, will end June 30, 2009. Dr. Sweetman does not wish to be considered for reappointment. In accordance with the terms of the Collective Agreement between Queen's University and the Queen's University Faculty Association, a committee has been established to provide advice to the principal on the present state and future prospects of the school and to assist him in the selection of Dr. Sweetman's successor. Elected members, Policy Studies: K. Banting, J. Lilius, T. Courchene, A. Graham, D. Elder. Appointed members: P. Juniper, Industrial Relations Centre; L. Freeman, staff member; S. Krell, student representative; C. Beach, Department of Economics. Chair: J. Deakin, Associate Vice-Prin-

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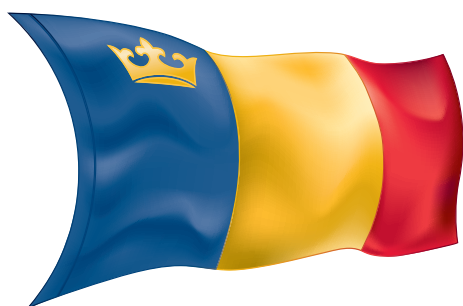
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Applications available at: Alumni Relations & Annual Giving Summerhill or <http://alumni.queensu.ca/awards/>

Deadline: Friday, October 31, 2008

Contact Nikki Remillard, Administrative Assistant, Alumni Relations & Annual Giving toll-free: 1-800-267-7837 or 613-533-2060, ext. 78691 email: nikki.remillard@queensu.ca



PUBLIC LECTURE

Fall 2008
 Don Wood Lecture
 in Industrial Relations



A New Role for Labour in Financial Crisis?

Dr. Richard B. Freeman
Herbert Ascherman Chair in Economics
 Harvard University

Date: Monday, 3 November 2008
 Time: 4 pm to 5 pm
 Location: Conference Room 202
 Policy Studies Building
 138 Union Street

For further information please contact: 613-533-6000, Ext. 77082

INDUSTRIAL RELATIONS CENTRE/MIR PROGRAM
 SCHOOL OF POLICY STUDIES

cial and Dean, School of Graduate Studies and Research. Queen's community members are invited to submit their comments on the present state and future prospects of the School of Policy Studies and the names of possible candidates to the Chair of the Committee, Dr. Janice Deakin, deansgr@queensu.ca by Monday, Nov. 10. 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 a collective agreement or the Statement on Promotion Policy for Geographically Full-Time and Adjunct-1 (non-Bargaining Unit) Appointees of the Faculty of Health Sciences (September 2004) may be eligible to apply for promotion according to the Senate Statement on Promotion Policy (revised June 1994). This document requires that applications be made prior to Nov. 30. Visit www.queensu.ca/secretariat/senate/policies or contact the University Secretariat, B400 Mackintosh-Corry, 613-533-6095.

Human Resources

Employee Assistance Program

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

Staff job postings

For staff job postings, visit www.hr.queensu.ca. The site is updated weekly on Fridays.

In Memoriam

The following employees have recently passed away:

Harold Dwight Reid (Sept. 11, 2008). Queen's Community member since May 4, 1992. Formerly, Physical Plant Services.

Margaret Webster (Sept. 12, 2008). Queen's Community member since Sept. 5, 1967. Formerly, Music Library.

Deborah Chinnery (Sept. 13, 2008). Queen's Community member since March 1, 1990. Formerly, PARTEQ Innovations.

Diane Parr (Sept. 28, 2008). Queen's Community member since Dec. 5, 1988. Formerly, Library Services.

David Monieson (Sept. 20, 2008). Queen's Community member since Sept. 1, 1954. Formerly, School of Business.

Irene Kerr (Oct. 1, 2008). Queen's Community member since June 1, 1987. Formerly, IAESTE.

Florence Hall (Oct. 3, 2008). Queen's Community member since June 13, 1977. Formerly, Agnes Etherington Art Centre.

Internal Academic Reviews

Patrick Deane, Vice-Principal (Academic) and Chair of the Senate Internal Academic Review Committee, announces the names of the consultants and review team members for the internal academic review to be conducted in the School of Nursing in the Faculty of Health Sciences during the coming year.

School of Nursing

Consultants: Janet Allen, University of Maryland; Patricia Sullivan, Dalhousie University. Review Team: Beverley Baines, Women's Studies; Karima Dorney (graduate student); Thurarshen Jeyalingam (undergraduate student); Anita Lister, Anatomy

Tuition Support Plan benefit deadlines

Deadlines are approaching for submission of applications for the Tuition Support Benefit by staff and faculty for the fall term. Online application forms are available for eligible employees at www.hr.queensu.ca. For assistance, please call A.J. Gould, Human Resources, ext. 74186.

Employee Group	Tuition Deadline Date
QUFA	Nov. 1
QUSA, General Staff	Oct. 31
QUSA, Research, Grant and Contract Staff	Oct. 31
CUPE 1302	Nov. 30
CUPE 229	Nov. 30
CUPE 254	Nov. 30
GFT Clinical Faculty	Feb. 28, 2009
Senior Administration Group	Nov. 1

and Cell Biology (chair); James Owen, Psychiatry; William Pickett, Community Health and Epidemiology; Teri Shearer, Business.

Notices

Additional voluntary contributions due Nov. 14

Queen's Pension Plan (QPP) members with pensionable earnings under \$135,000 will have the opportunity to make a single, lump sum additional voluntary contribution (AVC) to their pension accounts in November. Plan members who are currently making monthly AVCs by payroll deduction should receive a memorandum this week from the Pensions & Benefits Unit of Human Resources setting out the maximum lump sum contribution that they are entitled to make (please note, however, that in order to avoid over-contribution problems, only members whose estimate is in excess of \$200 will be notified). Members who are not making monthly AVCs in 2008 but who would like to make a lump sum contribution in November should contact the Pensions & Benefits Unit (36414) for an individualized calculation setting out their AVC limits for 2008. The deadline for

returning completed forms and a cheque to the Compensation Unit of Human Resources is Nov. 14 (post-dated cheques will not be accepted). For more information on AVCs and how they impact RRSP contribution limits, visit our web site in the Current Faculty and Staff section of the Queen's homepage or visit www.hr.queensu.ca/pension/additional-contr.php

Pension plan AGM Dec. 5

The annual meeting of the Queen's Pension Plan takes place Friday, Dec. 5 at 1:30 pm in Dunning Hall Auditorium. All plan members, including retirees, are invited to attend. Two of the plan's investment counsellors, its actuarial consultant, and members of the Pension Committee are scheduled to be present to answer any questions. Members will also be given the opportunity to raise other matters relating to the Queen's Pension Plan that may be of concern. Details: Pensions and Benefits Unit, ext. 36414.

Volunteers Needed

Campus Community Appeal 2009

The Campus Community Appeal is Continued on page 14

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TIM FORBES

Galleries

Agnes Etherington Art Centre

University Avenue at Bader Lane. Adults \$4, seniors \$2.50, Gallery Association members, students and children free. Free admission Thursdays and holiday Mondays.

Wednesday, Oct. 29

The Frances K. Smith Lecture in Canadian Art: John O'Brian, University of British Columbia. The Bomb in the Wilderness: Thinking About Nuclear Photography. 7:30 pm.

Thursday, Oct. 30

ArtDocs: Something Dancing About Her (2005, 69 minutes). Free Thursday night screenings of art documentaries presented in the Atrium. 7 pm.

Thursday, Nov. 6

Art Matters: Matthew Hills, curator of Fedora Romita: To Whom It May Concern in Five Rooms, will lead a discussion in this exhibition presented in Etherington House. 12:15 pm.

www.aeac.ca

Union Gallery

Stauffer Library, first floor. Main Space: If I'd Known You Were Coming, an exhibition by fine arts students Simone Collins, Amanda Damsma, Orli Kessel and Tamara Sponder. To Nov. 18. Artists' reception: Nov. 9, 6-8 pm. Project Room: Kay Wolstenholme, an exhibition in memory of this former BFA student and Kingston artist. To Nov. 18

uniongallery.queensu.ca

recruiting volunteers! The appeal seeks to create awareness of the outstanding work of Queen's, its impact on our local and global community, and the added opportunities we can create by supporting the areas of Queen's about which we are most passionate. It takes place annually in February and March run by a committee of volunteers to encourage faculty, staff members, and retirees to join forces to show their support of the great work of the university. This community support is integral to inspiring corporations and alumni to give generously to Queen's, ensuring the sustainability of our tradition of excellence. Last year, a team of more than 30 faculty, staff and student volunteers helped make the Did you know? appeal fun and a great success! This dedication and enthusiasm inspired more than 600 faculty, staff and retirees to donate more than half a million dollars to the areas of Queen's that they feel passionate about. Interested? Contact Glenn Best, glenn.best@queensu.ca, ext. 75137. Visit www.queensu.ca/communityappeal to see photos from last year's appeal.

Emergency translator program

Queen's Study/Work/Travel Abroad Emergency Protocol aims to ensure that all out-of-country emergencies involving a student or group of students on a Queen's study/work/travel abroad program are dealt with in an efficient and effective manner and with the interests of the students and their families as a top priority. Students who participate in study/work/travel abroad programs attend a pre-departure orientation program, given an emergency contact card and instructed to call Campus Security in emergency situations. If the student is unable to call, someone from their host country may do so on their behalf. These callers may not speak English. Queen's University International Centre (QUIC) seeks staff and faculty members to act as translators for emergency calls. Students, faculty and staff are in more than 40 countries. Those fluent

in any foreign language and who would like to participate, contact Cathy Lemmon, ext. 74650, cathy.lemmon@queensu.ca or Sandra Jeffers, ext. 78434, sandra.jeffers@queensu.ca

OCTOBER						
S	M	T	W	T	F	S
26	27	28	29	30	31	
NOVEMBER						
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22

Calendar

Unless specified, all events are free. For a comprehensive listing of campus events, visit eventscalendar.queensu.ca

Submission information

The deadline for the Monday, Nov. 10 issue is at noon on Monday, Nov. 3. Email submissions to gazette@queensu.ca in the following format: *Date, department, speaker's name, affiliation, title, location, time.* Please spell out acronyms. **Those with information about accessibility needs for disabled persons are encouraged to include details when they submit an event for publication.** For news and information between issues, visit www.queensu.ca/newscentre.

Lectures and Events

Wednesday, Oct. 29

Career Services
Post-Graduate College Programs Fair, Gordon (third floor), 74 Union St., 10:30 am-2:30 pm. Refreshments. Meet representatives from colleges across Ontario and learn about one-year specialized post-graduate programs. Details: www.ontariocolleges.ca

World Town Planning Day

Gerald Hodge, former director, SURP. Community planning for the impacts

of baby-boom aging. Discussion to follow. Opening remarks: Sue Cumming, President, Ontario Professional Planners Institute; lecture respondent: Mark Rosenberg, 202 Policy Studies, 7:30 pm.

Wednesday, Oct. 29 – Friday, Oct. 31

Canadian Arts and Learning Symposium

Network Building within Canadian Educational Arts Communities. Keynote speaker: Measha Brueggergosman, soprano. Hosted by the UNESCO Chair in Arts and Learning at the Faculty of Education. Details: www.eduarts.ca

Wednesday, Oct. 29 – Saturday, Nov. 1

Wednesday, Nov. 5 – Saturday, Nov. 8

Drama

Drums in the Night by Berthold Brecht, adopted and directed by Craig Walker, Queen's. Rotunda Theatre, Theological Hall, 8 pm. Matinee Nov. 1, 2 pm. Tickets: \$8 students/seniors, \$12, general. Advance sales, Drama desk, Theological Hall, weekdays 9 am – 3:45 pm (cash only), and at the door. Details: www.queensu.ca/drama

Thursday, Oct. 30

Convocation

Installation of Chancellor David A. Dodge. Honorary graduand: Kevin Lynch (LLD). Queen's Theological College, Faculty of Arts & Science, School of Graduate Studies and Research, (Anatomy & Cell Biology, Art, Biochemistry, Biology, Community Health & Epidemiology, Canadian Studies, Chemistry, Computing, Classics, Global Development Studies, Drama, English Language and Literature), Grant Hall, 9:30 am.

Convocation

Honorary graduand: Edgar Benson (LLD). Faculty of Arts & Science, School of Graduate Studies and Research, (Environmental Studies, French Studies, Geography, German Language & Literature, Industrial Relations, Life Sciences, Mathematics & Statistics, Microbiology & Immunology, Neuroscience, Pathology, Pharmacology & Toxicology, Philosophy, Physics, Physiology, Public Administration, Urban & Regional Planning). Grant Hall, 2:30 pm.

Thursday, Oct. 30

Policy Studies

Terry Wagar, Sobey School of Business, Saint Mary's University. Human Resource Management in Government: Some Preliminary Findings. 145 Policy Studies, noon.

Italian Club

Every Thursday, 307 Kingston, 5-6:30 pm. All levels of Italian welcome. All welcome. Details: Cristiana Zaccagnino, zaccagn@queensu.ca; Maria Laura Mosco moscoml@queensu.ca

Friday, Oct. 31

Convocation

Honorary graduand: Hassina Sherjan (LLD). Faculty of Arts & Science, School of Graduate Studies and Research, (Political Studies, Psychology, Rehabilitation Therapy, Religious Studies, Russian Studies, Sociology, Spanish & Italian Languages & Literature, Women's Studies), Faculty of Education, Grant Hall, 9:30 am.

Convocation

Honorary graduand: William Edmund Clark (LLD). Faculty of Applied Science, Faculty of Arts & Science, School of Graduate Studies and Research, (Economics, Film and



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MARKET VOLATILITY Riding the Economic Rollercoaster

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Media, Geological Sciences, History, Jewish Studies, Kinesiology & Health Studies, Linguistics, Music, Nursing Science), Faculty of Health Sciences, School of Business, Faculty of Law, Grant Hall, 2:30 pm.

Music

2008 Egré Voice Performance Competition Winner, Kristin Mueller-Heaslip (voice), presents a Recital of contemporary music, including works by Crawley, Poulenc, Stravinsky and Vivier. 120 Harrison-LeCaine, 12:30 pm. 613-533-2066, music@queensu.ca

Policy Studies

Patrick Brazeau, National Chief, Congress of Aboriginal Peoples. Re-engineering Canada's Aboriginal Affairs. 202 Policy Studies, noon.

Sunday, Nov. 2

Kingston Symphony

Sweet Strings, featuring violinist and concertmaster Gisèle Dalbec, Queen's. The Kingston Symphony presents an afternoon of Sweet Strings, Sunday November 2, 2008 at 2:30 p.m. at the Grand Theatre, 2:30 pm Tickets: . A world premier by Canadian composer Rodney Sherman features internationally recognized harpist Sharlene Wallace as soloist. Also the concertmaster

performs the achingly beautiful Violin Concerto by Samuel Barber, and to conclude this afternoon the orchestra performs Mendelssohn's Scottish Symphony. For further information please contact 613-546-9729.

Monday, Nov. 3

Policy Studies

2008 Don Wood Lecture
Richard B. Freeman, Harvard University. A New Role for Labour in Financial Crisis? 202 Policy Studies, 4 pm. Details: www.queensu.ca/sps, email sps.events@queensu.ca

Holocaust Education Week

Major Brent Beardsley, Royal Military College. From the Holocaust to Rwanda to Darfur: Lessons in Humanity for Today. Stirling D, 7:30 pm. Presented by Queen's Hillel and the Kingston Jewish Council (KJC).

Wednesday Nov. 5 – Friday, Nov. 7

Gemstone, mineral and fossil sale
Unique holiday gifts. A fund-raiser for the Miller Museum of Geology. Miller Hall, 36 Union St. (at Division Street), 9 am-5 pm.

Thursday, Nov. 6

Policy Studies

Jeffery Dvorkin, Visiting Professor,

Ryerson University, former Vice-President of News, National Public Radio. The Internet and the Presidency: Why American Politics will Never be the Same 202 Policy Studies, noon.

Friday, Nov. 7

Music

Clara Marvin, Queen's, Beethoven's Ninth Symphony. (to be performed by the Queen's Choral Ensemble, Kingston Choral Society and Kingston Symphony Nov. 22 and 23). 124 Harrison-LeCaine, 12:30 pm

Saturday, Nov. 8

CD launch

John Burge, Queen's. Flanders Fields Reflections CD launch. Indigo Books and Music, 259 Princess St., 2-3 pm.

Conference

Living Well with Inflammatory Bowel Disease, followed by a "Get Gutsy" volunteer reception. For patients, their families and the public. University Club, 168 Stuart St. 9 am-4 pm. Register online: www.ccf.ca/symposium

Sunday, Nov. 9

QUILL

John Burge, Queen's. Flanders Fields Reflections from Poetry to Music. 301 Goodes, 2 pm. For more infor-

mation on the Queen's Institute for Lifelong Learning (QUILL) series, visit www.quillkingston.ca

Tuesday, Nov. 11

**Jewish Studies
Irving and Regina Rosen Public Lecture**

Joel Sokolsky, Principal, Royal Military College. The US, Israel, and the West: A 21st-Century Assessment. 202 Policy Studies, 5:30 pm. Refreshments before lecture. All welcome.

Music

James Hill, visiting artist (ukulele), in concert. Admission: \$10 adults; \$5 students and seniors. At the door. 120 Harrison-LeCaine, 5:30 pm.

Wednesday, Nov. 12

Adam Davidson-Harden, Queen's. Education in the "knowledge economy:" Where do we fit? Vernon Ready Room, Duncan McArthur, noon.

Saturday, Nov. 15

John Orr Award Dinner and Dance
Honouring Chancellor Emeritus Peter Loughheed. Fairmont Royal York Hotel, Toronto. Deadline for early-bird tickets has been extended: \$135 (\$150 after Nov. 7), \$1,200 per table of 10. For details and tickets, visit johnorr.queensalumni.com

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

Anti-Racism Complainant Advisors

Stephanie Simpson, Coordinator
613-533-6886

Audrey Kobayashi – Geography,
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Jean Pfliederer, Coordinator
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Eleanor MacDonald, Politics
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Please contact Harry Smith,
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ext. 74460

Greg Wanless – Drama
ext. 74330

Anti-Racism Respondent Advisor

Ellie Deir – Education
ext. 77673

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**University Dispute Resolution
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University Staff Advisors

Janet Cowperthwaite
University Secretariat
ext. 77927

Bob Burge – Faculty of Education
ext. 77235

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

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Shannon Casteels, Workplace Advisor
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Dec 29 Germany vs. Canada **\$79**
Dec 30 Czech vs. Germany & USA vs. Kazakhstan **\$129**
Dec 31 Czech vs. Kazakhstan & Canada vs. USA **\$139**
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Nov 29, Dec 1,2,3,4,5,6 One of a Kind Craft Show / EATON'S CENTRE SHOPPING **\$59/\$45**

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Oct 23, Nov 15 St. Jacob's **\$79**
Nov 12 & 15 Royal Winter Fair **\$69/\$95**
Nov 14 Samko Toy Warehouse and Rideau Centre **\$40**
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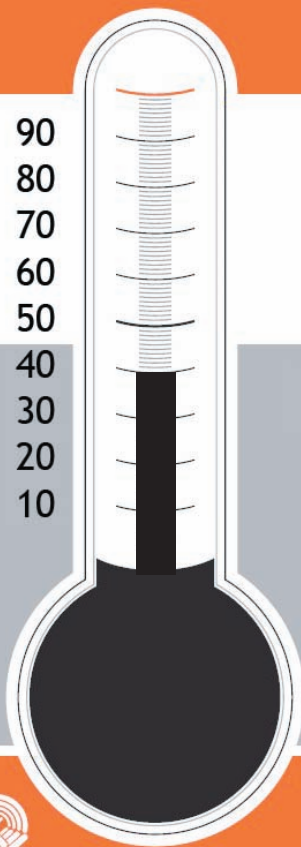
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CELIA RUSSELL

Ann Cinzar readies her plate for a hotdog from celebrity server Principal Tom Williams at the United Way kick-off barbecue last Thursday at the Biosciences Complex. This year's campaign goal is \$315,000. The Queen's community has already raised 40 per cent of that target. Watch for the ever-rising United Way thermometer in issues of the Gazette throughout the fall term.



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