

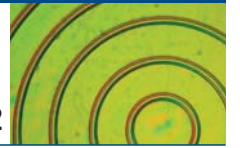


# QUEEN'S GAZETTE

Alternative drugs for arthritis pain P8



New ideas in nanotechnology P2



## A critical next step

By ANNE KERSHAW

Principal Karen Hitchcock will this week unveil a draft statement of a strategic direction and multi-faceted course of action for enhancing Queen's engagement with its students and society – one that outlines five strategic goals addressing the university's ambitions for the research and learning environment as well as its aspiration to become the university of choice for faculty and students and the employer of choice for staff.

The draft strategic plan, to be posted in full this week at [adv.queensu.ca/lookingahead](http://adv.queensu.ca/lookingahead), is the next step in a strategic posi-

tioning process launched last fall with the principal's discussion paper, *Engaging the World*, and encompasses a series of campus town halls, discussion groups with employees, alumni and stu-

dent leadership, informal dinners and receptions, a VP (Academic)/Deans retreat and a Board of Trustees/Senate retreat.

The plan addresses the changing realities of the societal envi-

ronment in which Queen's operates, while also acknowledging the unique character and history of the university, notes Principal Hitchcock.

"Above all," she says, "this

draft document is part of a critical ongoing dialogue with the university community about the future of Queen's over the next decade. What follows is a synthesis of the conversations we have had to date, and a starting point for the conversations yet to come."

The draft plan lays out both a broad vision and goals for the university as well as more specific plans for achieving particular objectives. Strategic objectives and recommended initiatives are outlined under goals addressing People, Learning Environment, Research and Discovery, Resources

See A CRITICAL NEXT STEP: Page 10

### A Vision for Queen's

Through its commitment to creating an engaged community of learning characterized by academic excellence, innovation and inclusiveness of perspectives, Queen's will be a university of choice for the most highly qualified students and faculty from across Canada and beyond and will be a national and international resource as its distinguished academic programs, research and scholarship serve the betterment of a global society.

### HOME AWAY FROM HOME



CELIA RUSSELL

First-year students Alain Richer and Jody Hoover are settled in for an afternoon of studying at one of the carrels in the Stauffer Library. Mr. Richer is studying for History 124 while Ms. Hoover is preparing for her Biology 103 exam. Exams end on Saturday, April 29.

## Safe streets strengthen community

By LORINDA PETERSON

The Committee for the Safe and Legal Use of Public and Private Space (CSLUPPS) has drafted a long list of recommendations aimed at promoting a "good-neighbour" policy in the area surrounding Queen's campus after relations between students and their neighbours degenerated last fall.

CSLUPPS's draft recommendations reflect five months of discussions that touched on a wide range of subjects important to students including: transportation needs, improvement in property standards enforcement needs, lighting deficiencies in neighbourhoods, policing and camera surveillance of streets.

They will be reviewed, finalized and presented in a report to City Council by July 15.

"It was a dilemma for some members of the committee, because they're associated with Queen's and they're Queen's

See SAFE STREETS: Page 11

### Inside this issue

How Queen's chooses its honorary degree recipients See page 5

## Outreach funding furthers diversity

By LORINDA PETERSON

Queen's has received just over \$195,000 in support of outreach initiatives to Aboriginal students and to rural and inter-city students who would be the first in their families to attend post-secondary education.

"I am extremely pleased with the funding we have received to support these initiatives on campus," says University Registrar JoAnne Brady. "The activities it

supports will play an important role in helping to reach our goal of increasing the diversity of the student body at Queen's."

Of the total, \$85,000 will go to fund Phase One of the first-ever Ontario Master of Education (MEd) on Indigenous Education: Development for Community-Based Delivery project. The remaining \$110,000 will jointly support and enhance the First Generation outreach initiatives,

including the University Experience Program for high school students and the expansion of current outreach programs for elementary school students run by Queen's Education Outreach at the Faculty of Education.

In addition to the pilot project funding, Queen's has received over \$29,000 as a share of a \$1 million Ontario First Generation Bursary. Each bursary will be valued at \$2500.

Queen's Aboriginal partner organizations such as Kenjgewin Teg Educational Institute (KTEI) and Seven Generations Education Institute (SGEI) had sought the development of a Master of Education program in partnership with a post-secondary institute for a number of years, particularly a program that offers both online and on campus options.

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## Nobel laureate Polanyi to address nanotechnologies symposium

Nobel laureate John Polanyi of the University of Toronto will deliver the keynote address at the first Queen's-wide symposium on innovative materials, miniaturized devices and emerging nanotechnologies.

He will lecture on Molecular Imprinting: A Chemist's Approach to Building Nanostructures this Friday, April 28 at Materials and Nanotechnology Symposium (MNS) 2006. It takes place from 8 am to 6 pm in room 117 Chernoff Hall, 90 Bader Ln.

The symposium aims to bring Queen's researchers, postdoctoral fellows, graduate students and Eastern Ontario-based industry representatives together to share ideas and information, says Michael Cunningham, one of the organizers. The goal of the event is to stimulate new inter-

ests, projects, and collaborations.

Other speakers include Eugenia Kumacheva Canada Research Chair in Advanced Polymer Materials at the University of Toronto who will speak on Canada Microfluidic Reactors for Continuous Polymer Synthesis and Erwan Sourty, of the Eindhoven University of Technology, The Netherlands, who will deliver a lecture entitled Electron Tomography: Applications in Materials Science.

A student poster session and a research tools and instruments exhibition by industrial, governmental and not-for-profit organizations will take place during the symposium reception from 4 to 6 pm in the fourth-floor lounge of Chernoff Hall.

Registration is \$15 for graduate students and postdoctoral



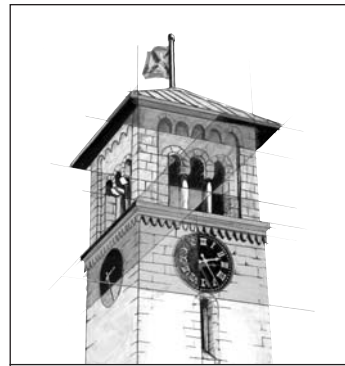
John Polanyi

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fellows and \$25 for faculty, staff and industry representatives. It includes participation in all sessions, a book of abstracts, continental breakfast, buffet lunch and reception.

The organizers acknowledge its sponsors: Office of Vice Principal (Research), think Research think Queen's, the faculties of Arts and Science and Applied Science, the departments of Chemistry and Physics, NSERC Nano Innovation Platform, Emerging Materials Knowledge Network, CMC Microsystems, Datacomp Scientific, Systems for Research and PANalytical.

For details and to register, visit [www.chem.queensu.ca/SpecialEvents/MaterialsandNanotechnologySymposium/](http://www.chem.queensu.ca/SpecialEvents/MaterialsandNanotechnologySymposium/) or email Lisa Knechtle-Jerkiewicz, symposium assistant, [lisak@chem.queensu.ca](mailto:lisak@chem.queensu.ca)



### QUEEN'S GAZETTE

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**SCHEDULE**

**Issue date: May 8**

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Ad artwork deadline: April 28  
Noon editorial deadline: May 1

**Issue date: Tuesday, May 23**

Ad booking deadline: May 8  
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## Outreach funding continued from page 1

"This initiative is in line with a central goal of the faculty which is to work together with the Aboriginal communities and meet their educational needs," says Dean of the Faculty of Education Rosa Bruno-Jofre.

With its focus on indigenous education, the program will enable senior administrators and educators in the Aboriginal community to further their education in support of career responsibilities without taking time from work to attend full-time studies on campus.

"This is a great opportunity for educators and educational leaders in First Nation communities. The mandate and goal of the Queen's Aboriginal community-based program is to assist First Nation communities in attaining their educational aspirations that may not be directly available to them" says Director Jackie Moore Daigle, Aboriginal Teacher Education Program. "Community-based distance education delivery through on-site

delivery, desk-top video conferencing, on-line delivery can only enhance personal independence, fulfill community needs and contribute to the future enrichment of education for children of these communities. Through this program, we can create curriculum managers, school leaders, policy planners as well as increase research in the area of First Nation/Indigenous Education."

Phase 1 of the project includes a pilot currently under way in the Manitoulin-North Shore region to test and evaluate web conferencing as an option for course delivery and administrative collaboration between Queen's and community-based sites.

Other delivery methods being investigated include the use of the Akwe:kon Room, a virtual classroom at the Faculty of Education in Duncan McArthur Hall, and the web conferencing tool "Illuminate," which closes the distance between the community-based learner and the university by adding real-time

interaction to distance education courses.

Queen's is presently one of only two universities in Canada to have a site license for "Illuminate."

Phase 1 also includes a needs assessment for curriculum content and to date includes meetings with the Aboriginal community, the creation of two advisory groups to carry development forward, and a brief overview of graduate level Indigenous education offerings at other post-secondary institutions.

Phases II through IV of the new MEd project call for curriculum development, a pilot of the course module, and program implementation.

Some of the funds awarded will be applied to cover the costs of the University Experience Program, and some will be applied to ongoing initiatives, says Ms. Brady.

The Office of the University Registrar invited high school students from Grades 9 to 11 from

rural and inner-city locations who would be the first in their families to attend a post-secondary institution to Queen's recently for the "University Experience Program." The students interacted with professors, current student, and staff and began to develop an understanding of post-secondary education and the opportunities it offers.

Approximately 90 Grades 9 to 12 students were guests on campus, as well as some parents and guidance counselors, from eight schools in inner-city Toronto and rural southeastern Ontario.

"Feedback from these guests indicated that the program was a potentially life-changing experience," adds Ms Brady. "Students who before would not have considered university or post-secondary education now believe it is in their future and have made it their goal."

The funding is part of the Ministry of Training, Colleges and Universities (MTTCU) *Access and Opportunities Strategy*.

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The Alma Mater Society





## Dollar houses open doors to public

Prospective home-movers will have a chance to look inside the Queen's University houses being sold for \$1 during an open house set for Saturday, May 6 from 12 to 4 pm. The student tenants will have vacated the buildings in time for the open house.

The future owners of the 24 houses on Clergy and Earl streets must agree to relocate the houses at their own expense by Sept. 1 to make way for Phase 1 construction of the Queen's Centre. The cost of relocating a house is estimated at \$200,000.

"We will be looking for expressions of interest and spe-

cific proposals for moving the houses to be in by May 26," says Associate Vice-Principal (Operations and Facilities) Tom Morrow.

The university will likely favour buyers who can commit to moving multiple houses when making their decisions by May 31, and will encourage buyers to co-ordinate their relocation efforts in order to minimize disruption to the campus.

Further details on the houses are available at [www.queensu.ca/pops/capital/qpropert.html](http://www.queensu.ca/pops/capital/qpropert.html) For more information about the Queen's Centre, see [qnc.queensu.ca/queenscentre](http://qnc.queensu.ca/queenscentre)



MEGAN GRITTANI-LIVINGSTON

A view down Clergy Street of some of the dollar houses that will open their doors to the public on May 6.

## University improves entrance program awards

The university has improved the Queen's Entrance Program to provide a comprehensive program of merit-based awards, complemented by needs-based assistance.

The enhanced program, took effect for the 2006 admissions cycle, promotes accessibility, supports recruitment and retention and recognizes scholarship. It will not diminish the university's commitment to strive to assure

that all academically competitive students may attend and remain to complete their degree studies, regardless of their financial circumstances, University Registrar Jo-Anne Brady said in a recent report to Senate.

The changes were possible thanks to the continuing generosity of donors and changes to the Ontario Student Assistance Program.

The annual value of Chancellor's Scholarships (renewable for four years) has been increased from \$6,500 to \$9,000, and the number available has increased from 40 to 50. The annual value of Principal's Scholarships (renewable for two years) goes from \$4,000 to \$5,000 and the number has increased in order to offer all students at 95 per cent and above (from 115 to about

200). A new entrance scholarship, the \$2,500 non-renewable Queen's University Excellence Scholarship will be awarded to all domestic students presenting admission averages in the range 90 to 94.9 per cent (about 910). The value of the international scholarship increases from \$8,000 to \$9,000 and the number will increase from four to 15, awarded based on academic excellence.

Queen's is also committed to assist students who have strong academic qualifications but lack sufficient financial resources and to recognize and reward students for outstanding achievement, both academic and extra-curricular.

The last time the top undergraduate merit-based scholarships were increased in number and value was in 1996.



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1700 hours (5pm)



## Teves remembered for his gentle spirit

George Teves did not have acquaintances – he had friends.

Mr. Teves, who managed the Queen's University Club for 17 years, died March 25 after a 13-month illness. He was 47. As a testament to his ability to foster relationships, his funeral at St. Paul the Apostle Church was packed with mourners. They lined the back of the church and many more stood and listened to the service outside.

"He was a very generous person," said Tom Anger, University Club treasurer and an associate dean of the School of Business, who helped to hire Mr. Teves in May 1989. "He was well-liked by a lot of people. He had a true spirit of kindness and just seemed to get along with everybody."

Mr. Teves was born in Kingston to a family with strong Queen's ties. He graduated from Queen's with an honours degree in Economics in 1981, and played on the varsity soccer team all four years. His brother Armando also graduated from Queen's and his father Manuel worked in the grounds department.

Mr. Teves worked at food-service jobs at Queen's throughout high school and university. Before being hired as manager of the University Club in May 1989, he was in charge of coordinating "the weekly mountain of nearly 30,000 meals served to students in Leonard and Ban Righ halls," a Gazette article written at the time reported.

When he was hired, the club was not in the best shape and was losing money, said Professor



George Teves

COURTESY OF LUCY TEVES

Anger. Mr. Teves turned the club around and made it profitable and highly viable.

"George understood the business of catering to people and serving people," said Professor Anger. "From the kitchen to the front lines, George was there. He was always looking for ways to make things better for members of the club and the staff members. He spent a lot of time mentoring his staff and was always kind to people."

Mr. Teves was a coach and strong supporter of youth soccer and was involved with fundraising for the Kingston General Hospital Foundation and Martha's Table.

Mr. Teves made every visitor to the University Club feel welcome and special, Vice-Principal (Advancement) George Hood said.

"He was universally liked and respected by the entire university

community. The University Club at Queen's has been widely recognized as one of the best-managed facilities of its type in Canada. The fact that it is recognized as such is a testimony to George and the team he built. He remembered small details and would ask about family and friends. His interest was always genuine."

"As a native son of Kingston, he capably discussed latest local news. He had an encyclopedic knowledge of the community and how events might affect the university," Mr. Hood said. "On an advancement-specific level, he spearheaded the fund-raising campaign to renovate the club

and to make it more accessible. To every task, he brought a sense of spirit and integrity."

Even when Mr. Teves was sick, he never forgot about the club, said Professor Anger. Last November and December, he was looking at designs to renovate the bar area.

In a tribute at his funeral, Armando Teves said that his brother treasured the wonderful relationships with all members of the Queen's family and considered his staff his coworkers, all working together for a common goal, to provide the best possible environment, food and service to the club's members and guests.

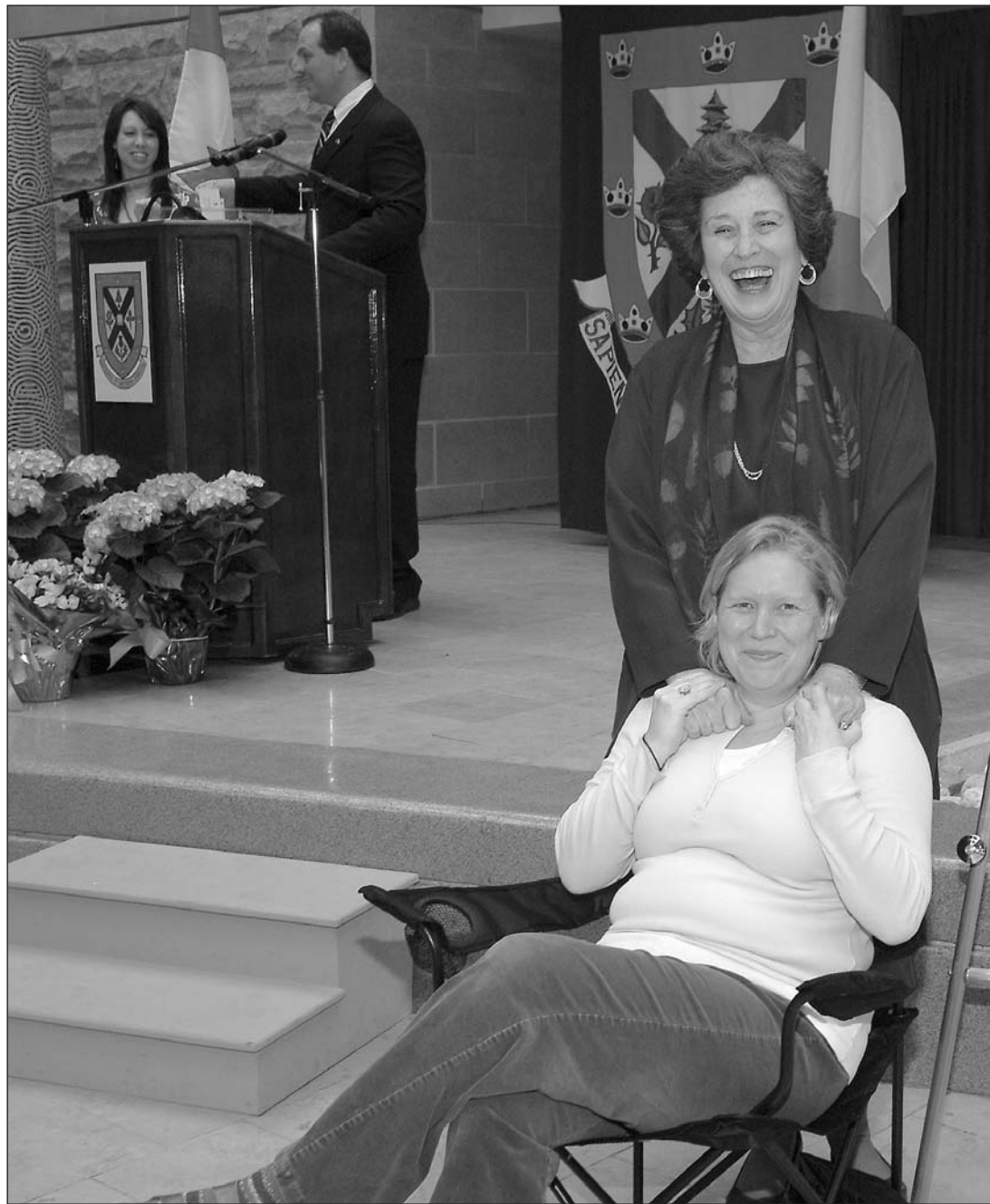
"One day, while having lunch at a restaurant near the Princess

Margaret Hospital in Toronto where he was undergoing treatment, George noticed the interesting design features of the restaurant's bar. He of course charmed the owner into discussing the design, which was followed by a full, guided tour of the restaurant, including the basement with its many specialty refrigerators – all with his digital camera in hand! Only George!"

Mr. Teves is survived by his wife Lucy, children Jessica and Michael, brothers Armando and Victor, parents Maria and Manuel and a large, extended family.

- Celia Russell

## Participation counts in Think Big campaign



STEPHEN WILD

A comfortable campaign chair – Principal Karen Hitchcock congratulates Christine Hains of the Psychology department, who won a Queen's camping chair from Alumni Services, one of several draw prizes donated to the Faculty/Staff/Retirees Think Big Campaign.

By CELIA RUSSELL

When it comes to thinking big, size doesn't always matter.

Queen's recently wrapped up its annual Think Big Campaign for faculty, staff and retirees with a hefty 20 per cent increase in participation across the campus.

In total, 622 faculty, staff and retirees gave \$556,000 toward strengthening research, teaching and student aid.

At the campaign-closing event held April 12 in the Biosciences atrium, Principal Karen

Hitchcock congratulated the Office of Advancement, which achieved 100-per-cent participation from its 120 employees.

"The Think Big, Think Really Big Campaign encourages us to look beyond our work space – really, we all play a part in the university's success," said Annual Fund Director Paul Chesser.

Participation – not the size of a donation – is what counts he said. "It sends a very strong message to the external community considering investing in Queen's."

Third-year student Clarissa Moodie thanked those who gave, saying many students like her would not be at Queen's without the support of financial assistance.

"Thank you again for thinking big," she said. "And if you ever see me walking on campus with a big smile on my face, remember, you're the ones who put it there."

People can continue to give online at <https://www.givetoqueens.ca>



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# Theological College recognizes Kingston minister Hilliker with honorary degree

A long-serving Kingston minister, recognized as one of the most clear and provocative voices in Canada's liberal Christian community, will be awarded an honorary Doctor of Divinity by Queen's Theological at the 2006 Spring Convocation.

The Rev C. Wayne Hilliker, who retired as senior pastor at

Chalmers United Church in 2005 after serving the congregation for 22 years, will receive his degree on Wednesday, May 10, 2006, at 8 pm in Grant Hall. He will give an address as part of the ceremony. The public is welcome to attend.

Rev. Hilliker is well known for his pastoral skills and compassionate manner that have sup-



Wayne Hilliker

ported many in times of stress, bereavement, and human need during his 40 years of ministry. His trademark style of preaching addresses the

heart, the mind and the will. Combining spiritual struggle with intellectual rigour, he has preached sensitively and wisely on such subjects as natural disasters, the war in Iraq, separatism, same-sex marriage, and the ordination of lesbians and gays.

Rev. Hilliker decided to pursue ministry as a young man while attending Montreal-West United

Church. He graduated with a BA and MDiv from Queen's and was ordained by The United Church of Canada in 1966. He served as a minister in Alberta, Quebec, and Ontario, including Eglinton United Church in Toronto and Beaurepaire United Church in Montreal. He began his tenure as senior minister at Chalmers United in 1983.

# Queen's chronicles its honorary degree recipients

PRINCES, POLITICIANS, ACTORS, LAWYERS AMONG THOSE LAUDED OVER 148 YEARS

By KAY LANGMUIR

Opera singer Ben Heppner and former Ontario Premier Bob Rae are among several luminaries coming to Queen's to receive honorary degrees at Spring Convocation – the end result of a yearly quest for worthy individuals that involves the whole campus community – and beyond.

This spring marks the 148th year that Queen's has awarded honorary degrees.

The history of this honour however, was, until recently, in danger of being lost amidst the dust of time. When Dean of Arts and Science Bob Silverman realized one day in conversation with University Registrar Jo-Anne Brady that the university lacked a complete and accurate record of its honorary-degree recipients, they decided to rectify the situation.

It proved to be a substantial task of detective work. A student hired as a researcher for the project spent one summer full-time and two semesters part-time on the list before it was recently completed – two dozen pages and hundreds of names covering the 148 years between 1858 and today.

The university does a fairly broad call for nominations, says University Secretary Georgina Moore. Through newspaper notices and email postings sent throughout campus, the call goes out asking members of the Queen's community to reflect on which individuals embody the



MARTY UMANS



CELIA RUSSELL



STEPHEN WILD

Opera singer Ben Heppner (left) and former Ontario Premier Bob Rae are among several prominent people to be awarded honorary degrees from Queen's this spring. Musician Loreena McKennitt received an honorary degree from the university at 2005 Fall Convocation.

values and actions they most admire. Any two people can put forward a name. Some suggestions come from the university at large. Others originate with the Senate Committee for Honorary Degrees, which makes the final recommendations to the Senate. Some come regularly from a special think-tank on honorary degree recipients, currently chaired by Principal Emeritus Bill Leggett, which searches for particularly prominent individuals.

The nominating committee looks for individuals who have made outstanding contributions to society on a national or international scale. Nominations can contain up to 15 pages of supporting information on the merits of an individual, Ms. Moore says.

In the early years of awarding honorary degrees, the recipients were almost exclusively male clergymen. Little is known about these people, says Dean Silverman. "Hopefully, some day we will know."

From time to time in the lat-

ter part of the 19th century, prominent political figures took home the honour. Gradually over time, the dominance of clergy was balanced with other figures from public life.

Sir John A. Macdonald (1863) appears to have been the first lay person, and one of the few politicians to receive the honour during an active career. Today, the guidelines wisely discourage honoring politicians before the end of their public service.

In the early days, the university also recognized the British royalty with The Prince of Wales (1919) and King George V (1901) donning robes in Kingston. A generous number of dukes, lords and ladies, earls and countesses, viscounts and rear admirals and knights were also honoured.

Prominent politicians who collected honorary degrees and lectured to graduating classes over the years include Sir Oliver Mowat, Sir Wilfred Laurier, Sir Robert Borden, William Lyon MacKenzie King and Pierre Trudeau. More

recently, Jean Chrétien passed through the doors of Jock Hartly Arena in June 2004.

Even American President Franklin Delano Roosevelt collected an honorary degree in 1938 during a trip he made to the area to officially open the Thousand Islands Bridge on Aug. 18 that year.

Ten years later, his wife Eleanor Roosevelt, an early champion of human rights and social causes, became one of the first women to receive the honour.

The very first woman to be awarded an honorary degree from Queen's appears to have been Cairine Wilson (1943), Canada's first woman Senator who was also known for her campaign to bring Jewish refugees to Canada after the Second World War.

There were also captains of industry, Colonel Sam McLaughlin of Oshawa (1946) and Andrew Carnegie (1901), eminent doctors such as pioneering brain surgeon Wilder Penfield

(1957) and outstanding scientists such as Alexander Graham Bell and Sir Frederick Banting.

The first representative of the arts appears to have joined the distinguished field in 1919 when writer and humorist Stephen Leacock received the honour.

Further recipients from the field of the creative arts continued to be few. Hollywood actor Raymond Massey collected a degree in 1949, portrait photographer Josuf Karsh in 1960 and author Ernest Buckler in 1964.

Beginning in the late 1960s, artists and writers were frequently honoured at convocation. They include Margaret Atwood, Oscar Peterson, Antonie Maillet, Peter Newman, Gordon Pinsent, Farley Mowat, Carl Sagan, Donald Sutherland, Carol Shields and Inuit artist Kenjuak Ashevak.

"We're not setting out to find glitzy, starry people," says Ms. Moore. "A person who has made an outstanding contribution to something may also be celebrated for that, but it's the merit of this contribution that counts."

The number of recipients varies each year, but usually ranges between several to a dozen or more people for both spring and fall convocations. The number of recipients increases in special years such as the Royal Convocation in the university's sesquicentennial in 1991, when Prince Charles and 24 others received honorary degrees.

In addition to Ben Heppner and Bob Rae, other honorary degree recipients this spring include Michael John Schull, Nel Noddings, J.N. Patterson Hume, Roderick Douglas Fraser and William Hutt.

For the schedule, see page 15. [www.queensu.ca/secretariat](http://www.queensu.ca/secretariat)

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## VIEWPOINT

MARIA RADINA  
Meds'08



## Queen's researchers: making us proud

A STUDENT'S PERSPECTIVE ON THE ACHIEVEMENTS OF QUEEN'S SCIENTISTS AND THE AMBITIONS OF FUTURE LEADERS

It's no secret that Queen's is nationally renowned for the extensive, multi-disciplinary research that has been conducted here since its establishment in 1841. However, with such a diversity of research disciplines, few students are truly aware of the impact that this work has on the rest of the country, and the world.

Today's evidence-based world demands scientific proof for everything, from the best way to reduce noise and vibration in machine tools, to the most effective blood test to diagnose a heart attack. These projects all have one thing in common: the necessity of financial support to carry out the requisite studies.

In the 2004-5 academic year, Queen's received \$141 million in total sponsored research funding, placing it fifth among Canadian universities in research intensity – a measure of research dollars per full-time faculty member. As for the quality test, the ultimate measure of the importance of the conducted research, Queen's stood at number one in Canada. In a count of the number of national research awards received per full-time faculty, Queen's surpassed Toronto at number two, McGill at number three, and UBC at number four.

Considered the top science medal in Canada and NSERC's highest honour, the Gerhard Herzberg Canada Gold Medal is awarded by NSERC for excellence and influence in research that considerably advanced the fields of natural science or engineering. Out of the 14 medals awarded since 1991, it honoured Queen's scientists twice – Arthur McDonald in 2003 and John Smol in 2004. The medal comes with a \$1-million prize.

So what's the secret to the successful breeding of distinguished researchers? Over the decades, the trend has shifted from a secluded laboratory scientist with geeky glasses towards a collaborative leader striving toward a multidisciplinary goal, according to Allan Bromley, a Queen's graduate who served as chief science advisor to two U.S. presidents.

The research projects of today tend to blur the lines separating various disciplines from one another, and the most important task for the scientist becomes the integration and coordination of data, people, and ideas.

I would like to draw your attention to the Queen's students who have cultivated the development of these qualities through their participation in and establishment of various clubs on campus. Students' involvement in life outside the classroom is unparalleled. For example, the Queen's Health Sciences Student Association (QHSSA) has been established as a branch of the National Health Sciences Students' Association (NaHSSA), which is the first and only national interprofessional student association in the world. Its goal is to encourage interprofessional teamwork amongst students of the health science disciplines at Queen's, including Physical Therapy, Occupational Therapy, Nursing, X-ray technology, and Medicine.

The students running the QHSSA hope to provide others with the skills and motivation to form relationships, work together with students from other disciplines, and continue to foster these relationships throughout their careers.

Philippe Rizek, M.Sc.'06 has recognized the lack of opportunities for students to share their research with other scientists. This, combined with an increasing student interest in a wide array of research topics, prompted him to establish a non-profit national organization, the Canadian Society for Life Science Research (CSLSR).

"Our goal is to bring together student researchers at the undergraduate, graduate, professional and post-graduate levels to share their knowledge with other future academics and clinician-scientists in the hope of ultimately translating this great work from bench to bedside," he states.

It is these types of leading breakthrough initiatives by Queen's students that nourish the development of bright minds and set the university apart.

Maria Radina is a student in the School of Medicine.



First year student Emma Arenson honours Herstmonceux's class of 2005-6 in this stained glass window she designed and created as the class's parting gift for the castle.

COURTESY OF DAVID BEVAN

## A window on an unforgettable experience

Snow and magnolia, daffodils and the last of the winter flu, the first ducklings on the top lake, and the end of morning frost are the rites of spring, at this extraordinary 560 year-old crossroads where 21st century Anglo-Canadian discovery now replaces the Anglo-Norman social and political intercourse of yesteryear. But, at Herstmonceux these days, spring also means parting.

The class of 2005-6 came from many different places and many different cultures. Once at the Castle, however, by that osmosis which is the nature of magical, timeless places, they took on the intimacy and interdependency that become and reveal a community, one that is worn long afterwards, as a cloak of kinship and distinctiveness.

In themselves, perhaps, many of the shared experiences might sound banal: classes and field studies; bonfires and barbecues; budget air travel and too many hours on coaches; residence rooms and pubnights; friendships and tension, volunteerism and charity auctions; rabbits and geese, but also foxes and badgers; a campus, but also a castle;



DAVID BEVAN

### Notes From Herstmonceux

faculty, but also co-residents and mentors; English and History, but also Astronomy and Archaeology; remote on a 600-acre estate, but also welcomed in the kitchen by the cottagers and farmers around.

Small wonder, then, that for nearly 140 first-year undergraduates this was a period, an eight-month moment, of unimagined and irreversible transformation. Small wonder, then the particular item the class of 2005-6 chose to leave as its parting gift for the Castle - a perhaps unrationalized emblem of itself.

During the year, a student-led competition was initiated to

generate a design for a stained-glass window, leading first, perhaps inevitably in a place where moat, paths, lake, gardens and courtyard offer constant evidence of their ubiquity, to the familiar image of a somewhat benign and amiable duck as centrepiece, before metamorphosing more happily, almost alchemically, through the ultimate sorcery of the stained glass artist, into the glorious hues and mythical splendour of the peacock.

The final design for the window, after initial sketches by others, notably by Martha Kroeker, was that of Emma Arenson – as was the wonderful creation of the window itself.

Perhaps, as in any human endeavour, as in any year, if one looked very, very closely, very, very academically, very, very critically, one might determine the odd, minor blemish, but in truth, and upon reflection, the class of 2005-6 was a very, very good year indeed.

David Bevan is executive director of the International Study Centre at Herstmonceux Castle in East Sussex, Great Britain.

### Letters Policy

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

### Viewpoint Policy

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



# A grad student's guide to defining IP rights

While academic research used to produce knowledge, its product nowadays is often understood as intellectual property. Many hands are wringing over this commodification of thinking, and rightly so. However, at the same time as we might labour to resist these trends, we have to help each other to thrive in this environment.

Researchers' control over their own work is routinely threatened by funders, institutions, or other researchers because they didn't have the awareness, the lawyers, the nerve, or the power to define their own rights to it. And in the social and economic networks of research, graduate students and postdoctoral researchers are the most vulnerable. They may not understand disciplinary practice or legal constraints, and they are the least powerful members of collaborative teams. It's not easy to broach the topic of "who owns what" as a newcomer to a lab or library thick with rhetoric of sharing and cooperation.

Unfortunately, the fact is that however difficult it may be to talk about ownership beforehand, and however much you may just want to hope that the other person has your best interests at heart, afterwards is just plain too late.

With this in mind, the Canadian Association for Graduate Studies (CAGS) has produced a practical, succinct, and thought-provoking Guide to Intellectual Property for Graduate Students and Postdoctoral Scholars. While it doesn't try to imagine all possible situations, it is clear about its overall message: "It is important for you to be clear at the outset of your studies about how the varied working arrangements out of which your research arises will



LAURA MURRAY

'TEQ Talk

affect the status of that research as intellectual property."

The CAGS document points out the often-unrecognized fact that students do have intellectual property rights. It outlines four pertinent areas of the law: patent (for inventions), trademark (for brand identity), design (for appearance), and copyright (for particular forms of expression).

Depending on the discipline, one or more of these may be at issue, but CAGS lists some examples of intellectual property: documented ideas, inventions, artistic or written expression, business methods, industrial processes, chemical formulas, electronic circuits, software, drugs, genetically engineered organisms, courseware, presentations, and publications.

"Unless they have signed an agreement stating otherwise," the document says, researchers of any status "have the right to own the copyright for their own written or artistic work or computer software, and to own the patent rights to any invention they might create."

Of course, these rights are often shared or apportioned, and the document alerts us to the complex interactions between disciplinary conventions, IP law, university regulations, contracts, and verbal

agreements. It's the particular responsibility of faculty members to help students make sense of these, but we often don't understand them ourselves. Many of us don't read contracts, and out of force of habit we may not see the conventions that govern our practice. This is why the CAGS document is a must-read not only for grad students and postdocs, but for unit heads and faculty supervisors.

Next, we might hope that CAGS develops a document outlining researchers' rights as *users* of IP: In the cycle of knowledge production, we have to be able to build on the work of others, and there are just as many confusions here as there are on the "protection" end.

#### Resources:

A Guide to Intellectual Property for Graduate Students and Postdoctoral Scholars (2005): [www.cags.ca/publications/](http://www.cags.ca/publications/)

Report of the [Queen's] Senate Ad-hoc Committee on Intellectual Property (1992): [www.queensu.ca/secretariat/senate/policies/intelprp/index.html](http://www.queensu.ca/secretariat/senate/policies/intelprp/index.html)

[Queen's] Guidelines on the Roles and Responsibilities in Graduate Supervision (2002): [www.queensu.ca/sgsr/current/current.php](http://www.queensu.ca/sgsr/current/current.php)

PARTEQ Guide to Protecting Intellectual Property: [www.parteqinnovations.com](http://www.parteqinnovations.com)

Laura Murray is associate professor of English at Queen's with a special interest in copyright matters. Dr. Murray shares her knowledge in this area via her web-based resource page, [www.faircopyright.ca/](http://www.faircopyright.ca/) In 2007 she will be the Fulbright Visiting Research Chair in Law & Society at New York University.

# Celebrating improvements in teaching at Queen's

The university has just released the results of the 2005 Undergraduate Exit Poll. And the results should be good news for anyone concerned with the quality of teaching at Queen's. Positive changes have taken place over the years, and students notice the improvements.

Since 1994, all students graduating from undergraduate programs have been asked to complete an exit questionnaire about their learning experience here. The exit poll measures overall impressions of the university, and focuses on three main areas:

The quality of the learning environment (Question 1), the contribution of Queen's education to learning and development in certain areas (Question 2) and student satisfaction with services and facilities (Question 3).

The 2005 report highlights the survey results since 1995. It advises that "results should be viewed over time; large annual swings in the measure of certain classes may be anomalous."

I was particularly interested in the sub-questions to Question 1 concerning the learning environment. Many of these items look at the ways that instructors help students learn.

Graduates are asked to rate the extent to which their instructors

- took an active interest in students' learning;
- were readily accessible outside class;



SUSAN WILCOX

Teaching and learning issues

- made an effort to check that students were understanding the material taught;
- provided helpful feedback;
- showed a positive attitude toward students;
- encouraged feedback from the class regarding their teaching;
- actively encouraged class participation.

In every one of these areas, there has been a noticeable improvement since 1995 at the university-wide level. For example, 71 per cent of students in 2005 agreed or strongly agreed that class participation was encouraged, whereas 57 per cent of students felt the same way in 1995. Eighty-two per cent of students in 2005 agreed or strongly agreed that their instructors showed a positive attitude toward students, an increase from the 65 per cent who agreed or strongly agreed with that statement in 1995.

In 2005, 51 per cent of students

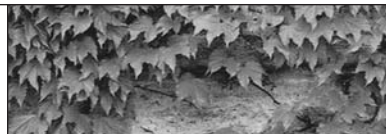
reported that their instructors took time to check whether students were understanding the material, compared to only 34 per cent in 1995. And 77 per cent of students said that "instructors took an active interest in my learning" in 2005, considerably more than the 49 per cent who agreed with that statement in 1995.

Of course, there is still plenty of room for improvement. Also, there were variations across the different faculties, and ups and downs across the years, suggesting that further interpretation is required. But it is gratifying to see that the overall trend has been in the right direction. This is especially notable given that resources have declined dramatically in that same period of time, and student numbers have certainly increased.

In the Centre for Teaching and Learning it has been exciting and rewarding to support the efforts of individual faculty members who have taken active responsibility for improving the quality of the student learning experience. As the academic year comes to a close, we propose that all of us who teach at Queen's take a moment to celebrate our successes in the classroom, small and large. Then we can begin to plan for next year.

Susan Wilcox is Educational Developer (Faculty/Adjuncts) at the Centre for Teaching and Learning and Associate Professor in the Faculty of Education and Department of Women's Studies.

## UNIVERSITY ROUNDUP



### Cheap education goes south

Public four-year university programs are cheaper in the United States than in Canada, according to a new report by the Educational Policy Institute. The report ranks 50 states and 10 provinces on six measures of affordability including education, living costs and the impacts of various types of public subsidies, all in the context of median household income for the state or province. Alex Usher, vice-president of EPI International stresses that affordability doesn't necessarily equate with accessibility. Nova Scotia is the most expensive place and New Hampshire the most affordable place to attend university.

*University Affairs, May*

### Rave reviews

Drugs are what attract Rainer Schmid, professor of toxicology at the Medical University of Vienna to the Vienna's rave scene. Although he has developed a slight appreciation for the throbbing, amplified techno music, he attends as a member of Check It!, an organization he helped establish, to provide on-site chemical analysis of the drugs consumed at raves—primarily MDMA, or ecstasy—for users who want to make sure the drugs are not contaminated. Although ecstasy is not safe in itself, Professor Schmid and his team of social workers, drug counselors and psychologists advise users to have harm-reduction measures such as don't take two or three pills at once.

*The Chronicle of Higher Education, April 7*

### The bumpy path to the PhD

A U.S. survey finds social class and other factors affect progress toward PhD degrees. "We have found... that the higher the social class of students, the more likely they are to have a positive relationship with faculty in the sciences, education and engineering," says Michael Nettles co-author of the study with Catherine Millett, Educational Testing Service. "And if that is one of the contributing factors to the dropouts, then we've got more of a problem." They surveyed more than 9,000 students from 21 doctorate-granting institutions. Their findings are summarized in a new book called *Three Magic Letters: Getting to PhD*.

*The Chronicle of Higher Education, April 7*

### Super-sized learning?

Faculty and students at Université Laval have condemned a controversial proposal to build what may be the world's first on-campus school supermarket. Sobey's proposes a partnership with the university to construct the super-sized store that would serve as a nutrition training and research centre. In exchange for the land to build the 5,000-square-metre store, Sobey's would give Laval \$2 million to create a research chair in retail sales and distribution, and money for student grants. The grocery-chain giant would also give the university a small percentage of store profits, set up store management to facilitate food-related research and training, and turn over ownership of the store to Laval after 30 years of operation.

[aucc.ca](http://aucc.ca) (University Affairs, April)

### RAM butts out RAE

RAE, the system by which the British government has awarded research money to universities for the past two decades may be phased out over the next few years. One proposal suggests replacing the current RAE system with a metrics-based scheme (RAM) that may include objective criteria like research income and citations, but none of the 'fuzzy' considerations like reputation. The new system would most benefit large institutions like Oxford and Manchester, which would lose in arts and humanities but gain in science, and threaten small universities that don't offer a broad base of programs. Vice-chancellors predict that up to a half of all institutions could lose millions of dollars.

*The Times Higher Education Supplement, March 31*

### Tuned-in teaching

A Syracuse University project aimed at helping educators convey difficult ideas in the classroom has asked professors from around the world to suggest film clips that illustrate intangible concepts. The film clips and accompanying lesson plans were entered into a contest for a \$1000 prize, and educators who entered the contest will have access to a complete database of all entries. Minet Schindehutte, an associate professor of entrepreneurship who initiated the project says it's not certain whether the actual clips or descriptions of them will be in the database due to copyright laws.

*The Chronicle of Higher Education, April 7*

Compiled by Lorinda Peterson



# Alternative drugs for arthritis pain

NEW TYPE OF ANTI-INFLAMMATORY DRUGS MAY REDUCE HEART PROBLEMS, SAYS BIOCHEMIST

By NANCY DORRANCE

Researchers at Queen's and the University of Pennsylvania have identified one reason why drugs like Celebrex and Vioxx, once popular for the treatment of pain and inflammation, cause heart problems.

Their findings offer the prospect of a new generation of anti-inflammatory drugs that will bypass this issue, says co-author Colin Funk (Biochemistry and Physiology), Canada Research Chair in Molecular, Cellular and Physiological Medicine. Although these results are in mice, not people, they raise an exciting possibility that can be tested in humans, he adds.

**"COX-2 inhibitors confer a small, but absolute cardiovascular risk."**

Colin Funk

The study is published in the on-line edition of the Journal of Clinical Investigation.

Since the association of selective inhibitors of COX-2 such as Vioxx, Bextra and Celebrex with an increased incidence of heart attack and stroke, there has been intense interest in understanding the mechanism involved. Clarification of this issue offers the prospect of conserving the clinical benefit of these drugs for patients with arthritis, while managing the risk, the researchers say.

Co-author with Dr. Funk on the study is Garret FitzGerald, director of Penn's Institute for Translational Medicine and Therapeutics. Funding comes from



STEPHEN WILD

Colin Funk (Biochemistry and Physiology) is co-author of a new study that may lead to safer alternatives to Vioxx and Celebrex.

the U.S. National Institutes of Health and a grant from Merck.

The investigators first compared genetically manipulated mice that mimic the impact of either COX-2 inhibitors or low-dose aspirin with healthy mice treated with or without COX-2 inhibitors, such as Celebrex.

"The trials showed that COX-2 inhibitors confer a small, but absolute cardiovascular risk using

the same mechanism by which they relieve pain and inflammation," Dr. Funk reports.

With these mice, they were able to show that the likely outcome of aspirin is to diminish the hazardous effects of the COX-2 inhibitors. The investigators were surprised to find that not only the clotting response, but also the rise in blood pressure caused by drugs like Celebrex,

was reduced. Although these studies indicate that aspirin would limit the cardiovascular risk, however, it would also be expected to add to the risk of stomach problems.

A more promising finding came from a drug target that might substitute for COX-2: an enzyme called microsomal prostaglandin E synthase (mPGES)-1. The researchers showed that blocking

this enzyme in mice did not predispose the animals to thrombosis or elevate blood pressure.

"Selective inhibitors of mPGES-1 may retain much of the benefit of drugs like Vioxx and Celebrex, while diminishing the risk of heart attack and stroke by having precisely the opposite effect on prostacyclin [a protective fat that Vioxx and Celebrex depresses]," says Dr. FitzGerald.

## Foot movement may fuel fear in felines

"LIFE DETECTOR" PART OF EVOLUTIONARY OLD SYSTEM, PSYCHOLOGIST SUGGESTS

By NANCY DORRANCE

The reason people can approach animals in the wild more easily from a car than by foot may be due to an innate "life detector" tuned to the visual movements of an approaching predator's feet, says psychologist Niko Troje.

"We believe this visual filter is used to signal the presence of animals that are propelled by the motion of their feet and the force of gravity," suggests Dr. Troje, Canada Research Chair in Vision and Behavioural Sciences.

Conducted with Cord Westhoff from the Ruhr-Universität Bochum in Germany, the study was funded by the Canada Foundation for Innovation and the German Volkswagen Foundation.

The researchers suggest this low level locomotion detector is part of an evolutionary old sys-

tem that helps animals detect quickly – even on the periphery of their visual field – whether a potential predator or prey is nearby.

"Research on newly hatched chicks suggests that it works from very early on in an animal's development," says Dr. Troje. "It seems like their brains are 'hard wired' for this type of recognition."

One impetus for starting this research several years ago was a question by his young daughter, who asked him why she could get so much closer to wild rabbits in their neighborhood while riding on her bicycle rather than on foot.

"I didn't have an answer for her then. Now, I think I have one," he says.

Dr. Troje's Motion Capture Laboratory at Queen's uses high-speed cameras to track the three-dimensional trajectories of small reflective markers attached to the central joints of a person's body. When the subject moves, these seemingly unstructured white marker dots become organized into meaningful images, from which observers can determine the gender, body build, emotional state, and other attributes.

In this study, Dr. Troje's team used "point-light sequence" videos to display the electronically captured motion of cats, pigeons and humans. People were tested on whether they could tell the direction of movement when these cues were changed.

Scrambling the dots didn't create a problem, but when the

**"I didn't have an answer for her then. Now, I think I have one."**

Niko Troje

image was inverted, observers were unable to say if the animal was moving to the right or left. The researchers conclude that foot movement is an independent, important visual cue that another animal is nearby.

"The observation that it is relatively easy to get close to wild animals in a car, a canoe, or a similar vehicle might be due to the absence of the typical movement of the feet," says Dr. Troje. Similarly, the creeping move-



BIOLOGICAL MOTION LABORATORY

In a new study by psychologist Niko Troje about how animals may detect predators, "point-light sequence" videos are used to display the electronically captured motion of cats, pigeons and humans.

ment of a hunting cat can be interpreted in terms of disguising the ballistic component in its locomotion, he adds.

"Our finding might also provide an explanation for seemingly irrational phobias towards animals

that don't fit the ballistic movement pattern of a proposed 'life detector,'" he says. "Snakes, insects and spiders, or birds can generate pathological reactions not observed in response to 'normal' animals."

[www.bml.psyq.queensu.ca](http://www.bml.psyq.queensu.ca)



# Clinical Trials Group appoints new director

EXPERT IN CANCERS  
OF THE BLOOD WILL  
SUCCEED JOE PATER  
AFTER TRANSITION

By NANCY DORRANCE

With his appointment as director designate of the Queen's-based National Cancer Institute of Canada Clinical Trials Group in July, Ralph Meyer is also receiving an unusual benefit. Retiring CTG director Joe Pater will work alongside him for a full year to smooth his transition into one of the country's most challenging health research positions.

"We're very fortunate there were resources available for this extraordinary commitment and that there was the wisdom on the part of various funding agencies to make it happen," says Dr. Pater, who has led the group since 1980. "It's also a tribute to other people's recognition of how important this organization is to the larger community."

One of Canada's leading experts in clinical trials and health services research for cancers of the blood and lymph systems, Dr. Meyer is renowned for helping to evaluate cancer therapies designed for older cancer patients and for testing strategies to reduce the long-term side effects of treatment on patients with Hodgkin's disease.

Dr. Meyer comes to Queen's from McMaster University, where he was division director of hematology and head of the hematology program at the Juravinski Cancer Centre in Hamilton. He will also have a concurrent appointment to the Faculty of Health Sciences as the Edith Eisenhower Chair of Clinical Cancer Research at the end of the transition period, sometime before July 2007.

"I'm excited about joining one of the world's leaders in the

field of cancer clinical trials," says Dr. Meyer. "The quality of the people, both here at Queen's and throughout the network, is extremely high and their altruism is fantastic."

For cancer physicians across Canada, the CTG is their cooperative group, the new director notes. He has belonged to it since the mid-1980s and played a leadership role in the field of hematology. However, "When you look at the scope of the whole organization, it really is very complicated," he says. "There's a whole internal operation of the CTG related to Queen's, and you can't get a flavour of that from outside."

Looking back on his 26 years with the Clinical Trials Group, Dr. Pater suggests that part of the group's success has been due to their ability to work well collaboratively, in a true network. The traditional view that one brilliant person will make the discovery that cures cancer no longer holds true, he says. "The reality is that most times things happen because groups of people do things together."

His greatest satisfaction from the job has come from being able to live in a relatively small but beautiful place, and yet to have done something that has made a difference around the world, says Dr. Pater. "The other big plus has been working with so many really interesting and wonderful people. It has really been my privilege."

One of Dr. Meyer's initial priorities will be to become familiar with the operational components and the accountability/regulatory aspects of the system. He would also like to develop a better working knowledge of some of the other types of cancer, although he acknowledges that it would be impossible to become a content expert in each one.

"The main challenge will be to sustain the collaborative net-

work – not on a plateau but on a growth trajectory," he says. "It's hard to predict what will happen in the cancer network in terms of what basic science will deliver as the next wave of treatments to be tested, and how outside forces will influence the way we test them."

"What we want to do ultimately is change practices: to make the lives of cancer patients and their families better, bringing the disease under control where we can," he continues. "Sustaining the group, doing the

trials the proper way and having the best outcomes: that's the exciting part and it's also the challenge."

Canada's only national cooperative oncology group, the NCIC Clinical Trials Group is funded by the Canadian Cancer Society. Since its inception in 1971, the group has enrolled more than 40,000 patients from Canada and around the world in over 300 clinical trials on new cancer drugs, cancer prevention and supportive care.

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



STEPHEN WILD

Ralph Pater, director designate of the Queen's-based National Cancer Institute of Canada Clinical Trials Group, is working in transition with current CTG director Joe Pater.

# More teacher-librarians needed: new study

EDUCATION PROF  
CALLS FOR BETTER  
STUDENT ACCESS  
TO RESOURCES

By LORINDA PETERSON

A new Queen's-led study offers the first Canadian analysis of the relationship between school library resources and student achievement. The study provides substantial evidence that the presence of trained library staff improves student achievement in Ontario schools.

It also urges the Ontario government to ensure that students have access to library resources and trained professional staff while new literacy curriculum and policy is being developed, and while further study on the impact of school libraries is undertaken.

Recommendations from the study, called School Libraries and Student Achievement in Ontario Schools, include:

- immediately upgrading librarian salaries from their 1997 levels;
- instituting a reporting mechanism to ensure that funding for school libraries is spent on libraries and not used to cover shortfalls in funding for over-all costs; and
- ensuring that all Ontario students, regardless of the size of their schools or geographic location, have access to well-

stocked and professionally staffed libraries.

"This is the first time that we have been able to provide evidence within a Canadian context that professionally staffed school libraries are linked not only to higher student achievement but also to more positive student attitudes towards reading. The results provide promising initial findings worthy of further investigation," says Don Klinger (Education), lead author on the study that surveyed more than 50,000

students in 800 of Ontario's publicly funded elementary schools. "The results provide promising initial findings worthy of further investigation."

This study confirms previous international research that says there is a correlation between a school library's staff and resources, and the achievement and enjoyment of students' reading. It suggests that an increase in the number of trained teacher-librarians in Ontario schools and better funding for library resources

would contribute to raising literacy achievement levels for students across the province.

The decline of school libraries follows a national trend that began in the early 1990s when the federal government reduced its transfer payments for provincial social, health and education programs by billions of dollars, according to Statistics Canada.

The study, commissioned by the Ontario Library Association was a partnership between Queen's and People for Education.



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## IN BRIEF

### Prof's invention attracts investors

A novel computer technology developed by Praveen Jain (Electrical and Computer Engineering), Canada Research Chair in Power Electronics, has attracted about \$10 million in investment financing from top-tier venture capital firms based in Boston and Toronto.

The funding builds on a seed investment of \$250,000 from the Ontario Centres of Excellence (OCE) Centre for Communications and Information Technology for early stage development of Dr. Jain's discovery.

This new investment will be used to develop a next-generation digital power chip, with applications in computer, server, data-com/telecom, and aerospace electronics markets. The technology, which forms the basis of a new spin-off company, CHIL Semiconductor, was licensed to CHIL by PARTEQ Innovations, the university's technology transfer office.

### Fetal alcohol expert to speak on campus

An internationally renowned authority on Fetal Alcohol Spectrum Disorder (FASD) will deliver the 15th H. Douglas McEwen and Ethel McEwen Lecture in Pharmacology this week.

Sterling Clarren, Pediatrics professor from UBC, is CEO and scientific director of the Canada Northwest FASD Research Network. His topic will be: How collaborative research in Canada could soon change the course of prevention and treatment of Fetal Alcohol Spectrum Disorder.

Dr. Clarren, who has been active in this area of study since 1975, is co-author of the 4-Digit Diagnostic System for FAS, which has been largely accepted as the diagnostic standard in the Canadian Guidelines for FASD Diagnosis. His group has trained more than 120 clinical teams in the U.S. and Canada in establishing FASD diagnostic centres.

The McEwen Lecture will take place Thursday, April 27 at 5 pm in B143 Botterell Hall. The lectureship was established in tribute to the late H. Douglas McEwen, a respected Pharmacology professor at Queen's for 22 years.

### First student computing conference attracts 120

More than 120 graduate and undergraduate students from across Canada participated in the first annual Canadian Student Conference on Biomedical Computing (CSCBC 2006), held recently at Queen's. A three-day, student-run symposium, the conference brought together students, industry representatives and scientists.

Queen's computing students Mehdi Moradi and Amber Simpson won honorable mention in the Best Paper Award, while Amir Tahmasebi and Ren Hui Gong took honorable mention in the Best Poster Award. Danielle Pace and Nickolas Lann were recognized for Best Undergraduate Contribution.

CSCBC 2007 will be held next year at the University of Western Ontario.



## University Council to meet

Championing Universities/Champion Queen's will be the theme as University Council members gather for the 131st annual meeting on Friday, May 5 in Kingston Hall.

This year's program will focus on the strategic planning initiative arising from Principal Karen Hitchcock's discussion paper, *Engaging the World*. The meeting will provide a forum for councilors to present their own reflections on the strategic direction of the university.

The annual awards dinner takes place that evening at Ban Righ Hall. Distinguished Service Awards will be presented to former Board of Trustee member Eric Baker, former Dean of Student Affairs Bob Crawford, Board of Trustee member Gordon Hall, Chair of the Board of Trustees John Rae and Dean of the Faculty of Arts and Science Bob Silverman.

Chancellor Charles Baillie will open the session at 9 am in room 201 with a welcome to council members. Principal Karen Hitchcock will then introduce the program and follow up on the 2005 meeting. At 9:45 am, Dr. Hitchcock will give an overview of the process and highlights of *A Strategic Plan for "Engaging the World."* A town-hall facilitated by Kathryn Wood of Natural Capital Resources will follow. The business meeting will take place in the afternoon and at 3 pm there will be a summary of the town hall discussion. The principal will make an address and conduct a question period at 3:30 pm and the meeting will adjourn at 4:45 pm. The Board of Trustees also meets this weekend. Committee meetings take place Friday, May 5 with the business meeting to take place Saturday morning.

## A critical next step continued from page 1

and Engagement With Our Multiple Communities.

Initiatives related to human resources include a new fund to attract faculty in areas of strategic strength and priority, enhanced equity training and more competitive student financial assistance packages. To strengthen the learning environment, the plan calls for an ongoing dialogue on pedagogy, the development of a cross-campus teaching and learning strategy, more resources for the Centre for Teaching and Learning, and a review of the role of the Internal Academic Review process.

In keeping with a stated goal of achieving international distinction and impact in research, recommended initiatives include dedication of additional funding for recruiting outstanding faculty and post-doctoral fellows, establishment of a mentorship program to support new faculty, selective investment in areas of research strength and removal of barriers to collaborative research.

To ensure a strong foundation of resources, the draft plan outlines a wide range of initiatives including expanding and diversifying revenue sources; acquisition of property for use in areas of strategic priority; further development of information technology services; and the launch of an eight-year funding campaign.

To further engagement with Queen's "multiple communities," the document recommends an increased profile at all levels of government; structural and organizational changes to support alumni engagement; the realization of the university's full potential in philanthropic and partnership revenue; and strengthening brand awareness.

The paper examines and is informed by key societal influences on postsecondary education including an intensely competitive environment for faculty and staff, internationalization, unprecedented enrolment growth, competition for research funding and demand for more public accountability.

"As we plan for the decade ahead, Queen's can build on its history of and capacity for leadership and responsiveness. To do

so will require that we build on our strengths, even as we acknowledge and address the major demographic, technological, economic, generational and social changes that must inform our choices," the principal notes in the document.

Underlying the proposed strategic direction are a set of key principles and values, which have been identified as freedom of inquiry and exchange of ideas; academic excellence and innova-

tion; openness and accountability, supporting people; engaging our students; societal responsibility; and diversity and equity within our community.

"Our student body, our faculty and staff, and our programs of learning and research benefit immeasurably when they reflect a diverse range of experience, nationalities and ethnicities, income levels, ages and cultures," the report says.

It notes, as well, a commitment to distinctiveness. "While acknowledging the need for continuing support of a wide range of programs across the university, we must ensure that resources are committed to a number of new and continuing areas of distinctive strength and quality."

Extensive review of this document will provide another opportunity for input from all of the university's constituencies. The final strategic plan is scheduled for completion by December 2006. Input, at any stage of this planning process, can be provided by submitting your views to Principal Hitchcock. You may also submit comments or documents via email to [looking.ahead@queensu.ca](mailto:looking.ahead@queensu.ca).

## Queen's Strategic Goals

### People

To be a university of choice for faculty and students of outstanding ability and diverse backgrounds from across Canada and around the world. To be an employer of choice for all staff, committed to supporting and developing the people who work here.

### Learning Environment

To create and support an environment of engaged teaching and learning, and to develop and support academic programs prized for their quality, currency and innovativeness.

### Research and Discovery

To achieve international distinction and impact in select areas of research while supporting and enhancing discovery and innovation across the university.

### Resources

To provide a strong and secure foundation of resources – financial, technological and physical – to foster and support a learning environment of excellence.

### Engagement with our Multiple Communities

To be an engaged partner of governments (municipal, provincial, federal), the private sector, alumni and friends of Queen's. Queen's will be known as both an important resource and as an agent of change, and as a result, our partners will invest resources in Queen's to advance its mission.

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## Safe streets continued from page 1

boosters," says Chair Floyd Patterson, who is also Sydenham Ward Councilor and a Queen's alumnus. "It took a couple of meetings a while back for us to sort out which approach each of us would take. And we all agreed to address the issues from our personal perspective. We did not speak on behalf of any organization."

"I'm pleased with the efficiency we've displayed recently in formulating some of these recommendations," says outgoing AMS Municipal Affairs Commissioner Naomi Lutes. "We've had a lot of discussion about Aberdeen and Homecoming in the past few months and all of the committee members have a good understanding of each other's views. We sometimes disagree on issues, but we have finally come to the conclusion that we have a responsibility to provide a safe, fun, sanctioned event on Homecoming weekend, and there is a recommendation to that effect."

Student focus groups facilitated by Sociology professor and CSLUPP member Vince Sacco revealed that students do not want an alternative gathering place to Aberdeen Street, and that students strongly believe that Aberdeen Street is a traditional place for a party.

"Any change would take time," Dr. Sacco said at the March 6 CSLUPP meeting when he presented his focus group report.

However, CSLUPP's draft recommendations suggest that Queen's, the AMS and the student body work together to plan alternative activities for Homecoming Weekend and that Queen's and the Kingston police

discuss the most effective option to promote mutual trust and respect between all parties concerned.

Policy changes and education can go a long way to resolving the issues that exist between students and their neighbours, Mr. Patterson stressed. Of all the draft recommendations, he feels it is the regulation of the sale of large quantities of alcohol that is still the most divisive issue for the committee.

### "The relationship between Queen's and the city is better than it's ever been."

*Floyd Patterson*

"This should affect everybody who is not licensed to dispense large quantities of alcohol. It's not just Queen's students. It is not a matter of lobbying the provincial government to change legislation. The policy can be amended at the municipal level."

Although property standards enforcement is available in Kingston, students might not be aware of the proper procedure to get help, he suggested. And if they do leave a message with Buildings and Licensing, their busy lifestyles may make them difficult to reach when the officer calls back, which makes it hard to establish the close communication necessary to address their concerns in a timely fashion. Instead of increasing property standards enforcement, it might be a matter of educating students

on the process and helping them follow it through, he says.

Ms. Lutes says she's excited about the recommendations that seek to improve the quality of housing in the student area, the urban plan for the neighbourhood and the recognition that the Queen's student housing area is unique.

The city is investigating how it can upgrade lighting so it will not shine in resident's windows at night, but surveillance cameras are a matter for the police.

The committee is close to consensus over demands raised by the Sydenham Rate Payers Association that Queen's students are expected to comply with city laws like any other citizen and agreeing that gatherings that obstruct traffic, serve alcohol to minors, and encourage violent or destructive behaviour are unlawful gatherings.

"Discussing town-gown relations and Homecoming tends to be frustrating in the best of circumstances. The committee members all have varied and differing opinions on issues, as we represent many different interests, but it is encouraging to see that over the past few months we have reached consensus on so many issues," says Ms Lutes.

"The relationship between Queen's and the city is better than it's ever been," Mr. Patterson adds. "We're not going to tell students what to do to avert parties that get out of hand. We want them to take the initiative to do it themselves."

CSLUPP consists of representatives from the City of Kingston, Sydenham Ward residents, students, the Alma Mater Society and Queen's.

## IN BRIEF

### Conference explores student learning

Faculty, librarians, teaching assistants and student service professionals are invited to attend Engaging Our Students in Learning, the 2006 Cross-Faculty Teaching Forum. The conference, which takes place May 17 and 18, will explore ways to engage our students in deep, meaningful and active learning.

Alex Fancy, 3M Teaching Fellow and holder of the Wallace and Margaret McCain Professorship in Teaching at Mount Allison University will speak on Community in the Classroom: Practising Engagement. Queen's community members will also showcase examples of strategies that successfully engage students in a variety of learning settings.

For details and to register: [www.queensu.ca/ctl/programs/conferences/cftf/2006/index.htm](http://www.queensu.ca/ctl/programs/conferences/cftf/2006/index.htm)

The 2006 Forum is sponsored by: the Centre for Teaching and Learning; Information Technology Services; and Queen's Library.

### John McFarlane retires

After 29 years of dedicated service to Athletics and Recreation, John McFarlane has announced that he is stepping down as chair of the department and retiring Aug. 31.

In addition, as an adjunct professor, Mr. McFarlane has taught in the School of Physical and Health Education in the field of

sport and recreation management.

Among his accomplishments, he championed the Women's Golden Gaels Awards, established to ensure gender equity principles were put into place for athletic programs. He was also instrumental in providing direction for the establishment of the Golden Gaels Coaching Hall of Fame.

### Graduating class shows its work

The BFA class of 2006 presents the annual open studio exhibition at Ontario Hall, April 24 to 28, 9 am to 5 pm daily. The closing reception will take place on Friday, April 28 from 6 to 8 pm and visitors will have the opportunity to meet and speak with the emerging artists.

Contact [queensbfa.06@gmail.com](mailto:queensbfa.06@gmail.com) for more information.

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## IN BRIEF

### Tech-ed students show off their inventions

A new form of transportation for a disabled child, a mechanical lifting device for boats and a portable growing station to teach students about botany are just a few of the many community based projects on display at the Faculty of Education this Thursday, April 27.

Technological education students will be displaying their unique and inspiring work on Student Street in Duncan McArthur Hall from 10:30 am to noon.

The community-based project is an approach to learning technology in schools based on real human needs; it addresses social, economical and environmental concerns related to technology. It connects the world outside of secondary school to life inside school making school meaningful, motivating and engaging to students.

The projects are for a course on curriculum development in teacher education and is the basis of Ann Marie Hill's research that examines multiple ways of knowing, the value of technological education in the educational system, and responsible uses of technology.

Upon graduation, the students can use the pedagogy and techniques learned to develop and complete community-based projects in their own high-school classrooms. This approach to teaching motivates and engages high-school students. For details, contact Dr. Hill, 533-6262, hilla@educ.queensu.ca

## Experts address the scriptures, fiscal accountability, airline strategy and corporate office spouses

### QUEEN'S IN THE NEWS

Highlights of Queen's experts in the media

■ April 5 – April 18

**Richard Ascough** (Religious Studies) comments extensively in the national media including in the Globe and Mail, National Post, Toronto Sun, Ottawa Citizen, Kingston Whig-Standard and on CBC News and Current Affairs about the Jesus Papers and a CanWest faith survey.

**Tom Courchene's** (Policy Studies) expertise in equalization and fiscal accountability is highlighted in the Globe and Mail, Saskatoon StarPhoenix, and on the Rutherford Show (Calgary and London, ON).

**Julian Barling** (Business) comments in the Globe and Mail about the phenomenon of corporate office spouses.

**Douglas Reid** (Business) comments in the National Post about Air Italia's error in web listed airfare to Cyprus; in the first of a four-part special report about Hamilton's airport in the Hamilton Spectator; and in the Ottawa Citizen, London Free Press, Calgary Herald and Regina



Ascough



Arnold



Courchene



Craig



Hall



Yealland

Leader-Post on pricing and passenger loads.

**Doug Bland's** (Policy Studies) opinion piece about mobilizing defence capabilities in Canada appears in the National Post.

**Don Klinger** (Education) discusses his study that shows school librarians help students learn in the Toronto Star, Hamilton Spectator, Kingston Whig-Standard and on CKWS TV.

**David Layzell** (Biology) comments in the Toronto Star about bio energy and greenhouse gas reduction in Canada.

**Brian Yealland** (Chaplain) discusses young offenders and forgiveness in the Ottawa Citizen, Edmonton Journal and Vancouver Sun.

Emeritus professor **Ned Franks** (Political Studies) comments in the Toronto Sun and Ottawa Sun about the new accountability bill.

**Jennifer Kuk** (Physical Education) comments on a Queen's study regarding the dangers of abdominal fat in the Toronto Sun.

**Cathy Vakil** (Family Medicine) discusses a report about her recently released pesticide study in the Edmonton Journal.

**Kevin Hall** (Civil Engineering) discusses Queen's new multi-disciplinary institute for studying population and public health in the Kingston Whig-Standard.

**Kathy Brock** (Policy Studies) comments in the Kingston Whig-Standard on the framing of the Prime Minister by television cameras in parliament.

**Ron Anderson's** (Mechanical Engineering) effort to improve hockey helmet regulations is highlighted in the Kingston-Whig Standard.

**Tom Axworthy** (Policy Studies) discusses a recent book about Pierre Trudeau on CTV News.

**Alvaro Morales** (Urology) is interviewed on CKWS TV about a new bladder cancer treatment that is now in clinical trials.

**Wendy Craig** discusses a new bullying network on 17 CBC Radio Syndication stations across the country including Iqaluit, Saskatoon and St. John's.

**Don Stuart** (Law) discusses the pitfalls of anti-gang legislation on CBC Radio's The Current.

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## How Kingston can thrive in a knowledge economy

There are now comfortable coffee spots in downtown Kingston where you can wirelessly connect to the Internet and then give the change from your \$3 latte to a panhandler as you step out the door.

Each of these innovations – wirelessness and homelessness – arose within the last decade, alongside liberalized trade, smaller government, sustained economic growth and the information economy. And each is evidence that an interesting shift has occurred, a shift that leads to the following odd-sounding conclusion: if Kingston is going to keep up with all that has just happened, then we're going to have to marry together regional economic development (in Kingston, that means City Hall and the Kingston Economic Development Corporation and business people) and regional human services provision (everything from child care to housing to community clinics and new immigrant services). It's a matter of our survival.

If the best urban employment has become portable, if knowledge industries can as easily be located in Truro as Toronto, then suddenly communities find themselves in a whole new kind of competition for jobs. Modern work is attracted not to industrial hubs but to desirable, well-functioning communities: the kinds of places that take care of people; the kinds of clean, green places to which prized employees will be willing to relocate. And where they will be willing to stay.

Previously it was understood that cities required a healthy economy in order to afford human and social services. Now it also works the other way; municipalities require good human and social services if they are to have healthy economies. To put it crudely, "jobs" used to get you money, and "welfare" used to cost you money. Now both require investment, and both yield dividends.

A prosperous economy is still necessary in order to sustain the healthy tax base that underwrites human services. But careful attention to human services is equally necessary in order to provide com-

petitive advantage to communities operating in the global economy. You can't have one without the other, because economic success will increasingly tip toward municipalities with fewer slums, less brownfield space, healthier neighbourhoods, fewer homeless people, fewer alienated working poor. Less social smog.

And so the complex, almost organic nature of cities is more directly tangled up in the economic picture than ever, and the pall of smoke hanging over industrial towns is no longer the proof of prosperity. In fact, it may be the main problem. The health of citizens and communities, the economic fundamentals – these are all now inevitably determined by one another.

For example, when large operations like StarTek move to town, a host of important questions arise for human service providers. They need to know if the demand for workers will increase the load on existing child-care facilities. If the operation includes low-paying positions, is it possible that people will be moving from full government support to a situation requiring periodic food bank support? Will transit be provided, or will people with limited means be rearranging finances in order to buy cars? These are practical matters. Even the obvious regional economic success stories have consequences for the providers of human services.

Businesses arriving in town will be asking exactly the same questions. Is there child-care help for prospective employees? Will employees be able to reach the workplace? Is this a community where people are taken care of? Or will life's inevitable problems translate into absenteeism and productivity issues? The change is one that Jeff Garrah at KEDCO sees regularly in his job. "When companies are considering moving to Kingston they now ask us questions like, 'Will there be enough doctors for my employees?'"

Indeed, when StarTek arrived in Kingston, many of these very issues had to be sorted out one at a time. But the need for such dialogue is predictable, and so it's



JAMIE SWIFT AND TOM CARPENTER

### Expert Outlook

inefficient to ignore it. Human service providers need the means to anticipate the needs of economic development and should want to in order to avoid being blindsided by unexpected demands. Economic development officers need the means to anticipate the needs of human service providers and should want to, because part of what they are selling is the quality of the community and the service it provides. All of which means that some formal lines of communication are essential.

Yet, communication is precisely the problem. Disruptions caused by the federal and provincial downloading of the past decade mean that lines of communication that once ran to Ottawa or Toronto now go nowhere. Many of those messages are supposed to reach City Hall because cities in Ontario are now responsible for social services previously carried by the province. But when responsibilities shifted to the municipalities, funding sometimes got lost in the move. Eventually, more social policy will be created and administered at the municipal level, but, in the meantime, communication and co-ordination can't be left to wither away.

Kingston has people and organizations that are still working with the same constituencies they have always worked with, and that are still at the centre of the same informal webs of information. Yet they are now left with nowhere to express the ideas of their communities, nowhere to make their suggestions, no way to warn of

troubles. Local citizens can recognize looming headaches. The Social Issues Networking Group – an advocacy coalition – fashioned a made-in-Kingston approach to Ontario's clawback of Ottawa's child tax benefit. The result was the Kingston Entitlement Access Program, which ensures that at least some of the benefits find their way into the pockets of poor parents.

Downloading has produced a situation in which the left hand and the right hand of municipalities – which were once linked by senior governments – are no longer attached to one another. It's as if a large, complicated organization with numerous interlocking mandates was still trying to operate after half the e-mail addresses and inter-office phone numbers had been disconnected. A conversation therefore has to begin that will re-establish the movement of information, channeling it where it will be most effective.

The benefits of more communication to the human services community – the clinics, the people worrying about housing and whether people have enough money to eat well – are obvious. Regional economic development has direct social policy implications: who gets jobs, where those jobs are located, what services are required and the impact of sudden changes in demand for services are just a few examples. Knowing what is about to happen is essential to preparing for what is about to happen.

However, people tend to ignore the benefits on the economic development side.

Everyone understands that immigration will become increasingly important to local economies. Immigrants represent skills and often bring a fresh dose of entrepreneurship. They are therefore important for the future economic picture. Information about the specific needs of immigrants – the social and linguistic and practical hurdles they face – rests largely in the human services community.

Labour market retention preoccupies people concerned about the economic health of regions, especially small and mid-sized cities.

What that really means is concern about attracting young people and keeping the ones you already have. It's an economic matter, but many of the people most experienced with youth issues are to be found in different corners of the human services community.

KEDCO's business plan talks about the need to transfer expertise from older citizens to younger people now starting out. Just as organizations have to beware that they not lose important institutional memory when senior employees retire, cities also must concern themselves with preserving the expertise possessed by their older citizens. Those most familiar with the needs of seniors, those who know where they live and understand their needs, are human service providers.

In each case, simple communication translates into competitive advantage for Kingston.

In early March, a meeting convened by the Social Planning Council brought together community leaders representing business, education, the military, health care and human services. The discussion focused on the integration of social and economic planning in Kingston. A small task force of volunteers from the group will consider how to wrestle with the challenge we've outlined.

It's the same challenge that local developer and 2005 United Way campaign chair Kim Donovan of Kincore recently described when he was musing about what separates a good community from a great one. In his view, when vitality and prosperity replace hunger and poverty, then Kingston as a whole will benefit.

"There has to be a balance among the social and the environmental and the economic, and the investments we make in creating those relationships are as important as any capital investments we can make."

Jamie Swift teaches in the School of Business. Tom Carpenter is a student in the Professional Master of Public Administration program. This article appeared recently in the Kingston Whig-Standard.

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## Symposium explores the human capacity for innovation

A prominent cognitive psychologist and educator will deliver a public address at a symposium entitled *Creating a Culture of Innovation*, early next month.

On Friday, May 5, Carl Bereiter of OISE/University of Toronto will speak on the topic in room A237, Duncan McArthur Hall, West Campus at 7:30 pm.

For more than 20 years, a group of educators and researchers, among whom Carl Bereiter and his colleague Marlene Scardamalia have played a seminal role, has been working towards the goal of increasing human capacity for innovation.

The work entails a major shift in the way people work with ideas, a shift from a primary emphasis on "belief mode" to an emphasis on "design mode," beginning in elementary school. In recent years, Dr. Bereiter and his collaborators have turned their attention to finding common threads in this work across ages and settings. The themes of the public address will be taken up in the second part of the symposium on Saturday, May 6 from 8 am to 3:30 pm; a day-long recorded conversation with Dr. Bereiter.

A Conversation of Innovators will bring together a diverse group of innovators to elaborate upon the challenge raised in the lecture and to assemble a picture, drawing from shared experience, of a possible developmental trajectory of collaborative group-wide inno-

vation from elementary school through to the workplace and public sphere. Participants will also use Knowledge Forum to extend the conversation in written form. Selected participants will be invited to lead each session with highlights of their own work and key questions or challenges they face. Proceedings will be produced of the conversation for use by the general public.

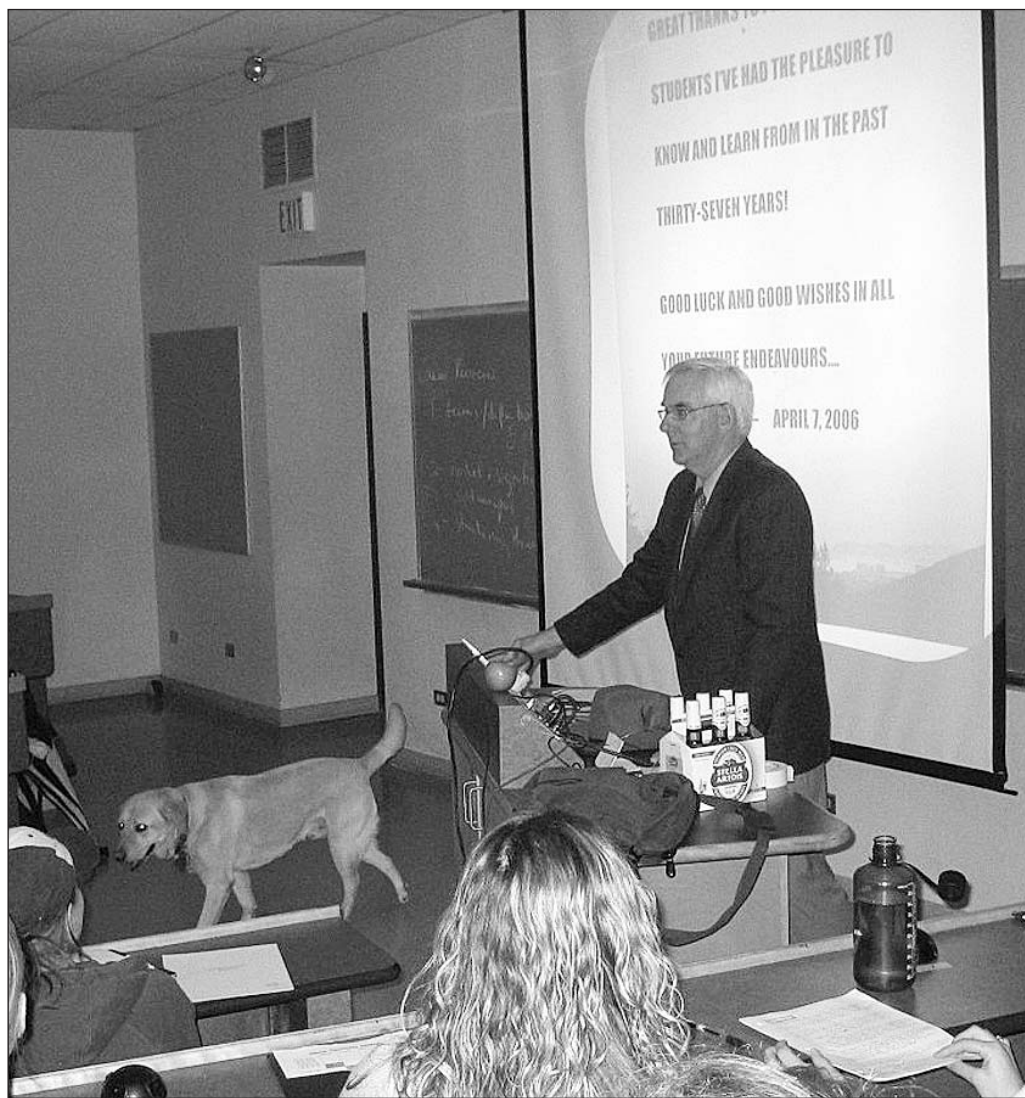
Members of the public wishing to participate should contact Bill Egnatoff for details (egnatoff@post.queensu.ca; 533-6000 ext. 77290).

Dr. Bereiter is special advisor to the chief information officer and the Education Commons at OISE/University of Toronto. With Marlene Scardamalia, he established the Institute for Knowledge Innovation and Technology at OISE. He was awarded an honorary LLD by Queen's in 1993.



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

### THE VERY LAST DAY OF CLASSES



PETER HARTEL

Students in Geoff Smith's PHED 241 class came bearing gifts – an apple, and a six-pack among them – to recognize the Physical and Health Education professor's last class before retiring after 37 years of teaching. Prof. Smith's dog, Forest, accompanied him on the special occasion on April 7.

### Participants needed for a study of eye-movements.

In this experiment your eye-movements will be monitored while you look at moving lights in a darkened room. It will take approximately 1 to 1.5 hours to complete. You will be compensated for your time.

Criteria: Male age: 33-37, 43-47, or 60-74  
Female age: 58-62 or 72-76



If interested, please contact:  
Ian Cameron  
533-6000 ext 75216



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## Submission information

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

## Bulletin Board

### Appointments

#### Nancy McCormack appointed head of William R. Lederman Law Library and assistant professor of Law

Principal Karen Hitchcock announces that Nancy McCormack has accepted a joint appointment as head of William R. Lederman Law Library and assistant professor, Faculty of Law, effective April 3. Ms McCormack's academic credentials include an honours BA from the University of Waterloo, a master's degree in English from McMaster University, an MLIS from the University of Western Ontario, a Juris Doctor (JD) degree from the University of Toronto Law School and a Master of Laws degree from Osgoode Hall Law School at York University. Ms McCormack is also a member of the Ontario Bar. During her educational career, Ms McCormack has received numerous scholarships and academic awards. Prior to coming to Queen's Law Library in 2002 as a reference librarian, Ms McCormack held positions as librarian/administrator at the University of Toronto Centre for Innovation Law and Policy, and as law librarian at Fasken Martineau-Dumoulin and at Cohen, Highley, Vogel and Dawson. She also has experience as a university teacher and researcher. She has an extensive list of publications and presentations to her credit and has been active on committees at Queen's library and in the profession.

#### Naraig Manjikian appointed acting head of Electrical and Computer Engineering

Principal Karen Hitchcock announces that Naraig Manjikian has been appointed acting head of the Department of Electrical and Computer Engineering for the period July 1 to Dec. 31, 2006. Dr. Naraig Manjikian joined Electrical and Computer Engineering as an assistant professor in 1997. His BAsc degree in computer engineering and his MASc degree in electrical engineering are from the University of Waterloo. His PhD degree in electrical engineering is from the University of Toronto, where he was also a participant in the NUMachine Multiprocessor Project for the design and implementation of a large-scale parallel computer system. He teaches courses related to computer system architecture and implementation, and his current research activities are related to architectures, components, and software tools for multiprocessor system-on-chip design and implementation. While on leave in 2003-2004, he was a visiting associate professor at McGill University and the University of British Columbia. Since 2004, he has served as the undergraduate chair for Queen's Computer Engineering program.

### Convocation

Faculty invitation to spring convocation ceremonies 2006 in Jock Harty Arena.

### Thursday, May 25, 2006

2:30 pm  
School of Business  
School of Industrial Relations  
School of Urban & Regional Planning, School of Policy Studies  
**Honorary Graduand (LLD):**  
Robert Keith Rae

### Friday, May 26, 2006

9:30 am  
Faculty of Health Sciences  
(Medicine, Nursing, Rehabilitation Therapy), Faculty of Law  
**Honorary Graduand (DSc):**  
Michael John Schull

2:30 pm  
Faculty of Applied Science  
**Honorary Graduand (LLD):** Ben Heppner

### Thursday, June 1, 2006

9:30 am  
Faculty of Education  
**Honorary Graduand (LLD):** Nel Noddings

2:30 pm  
Faculty of Arts and Science  
(Anatomy and Cell Biology, Biochemistry, Biology, Chemistry, Community Health and Epidemiology, Computing, Environmental Studies, Geological Sciences, Life Sciences, Mathematics and Statistics, Microbiology and Immunology, Music, Pathology, Pharmacology and Toxicology, Physics, Physiology)  
**Honorary Graduand (DSc):** J.N. Patterson Hume

### Friday, June 2, 2006

9:30 am  
Faculty of Arts and Science and Physical and Health Education (Communication, Culture and Information Technology, Development Studies, Economics, French Studies, Geography, German Language and Literature, Health Studies, Psychology, Sociology, Spanish and Italian Language and Literature, Women's Studies)  
**Honorary Graduand (LLD):** Roderrick Douglas Fraser

2:30 pm  
Faculty of Arts and Science (Art, Canadian Studies, Classics, Drama, English Language and Literature, Film Studies, History, Jewish Studies, Language and Linguistics, Philosophy, Political Studies, Religious Studies, Russian Studies)  
**Honorary Graduand (LLD):**  
William Hutt

**Assembly:** The academic procession will assemble in the upper lounge of the Physical Education Centre 30 minutes before the Convocation times. To join the academic procession, call 533-6095 or e-mail at cowperth@post.queensu.ca. You are encouraged to complete the online form prior to **May 12** at [www.queensu.ca/secretariat/convocation/RSVPform.html](http://www.queensu.ca/secretariat/convocation/RSVPform.html) so that sufficient seats may be reserved.

**Queen's Academic Regalia:** Academic procession members who need a hood or gown should make arrangements with the Alma Mater Society (located in the Ross Gymnasium) 30 minutes before each ceremony. Present your faculty card for identification.

**Receptions:** All receptions are the responsibility of the faculty or school concerned. You are encouraged to attend these functions and meet with the graduands and their families.

### Governance

#### Elections reminder

Vote online at [www.queensu.ca/secretariat/election](http://www.queensu.ca/secretariat/election) for your staff representative on the Senate by April 28. Nominees are Linda Horton (Human Resources) and Ann Lablans (Physiology).

#### Honorary degree nominations for 2007

The Senate Committee on Honorary degrees invites nominations for the award of honorary degree at the 2007 Convocations. Information and nomination forms are at [www.queensu.ca/secretariat/Hon-Degree.html](http://www.queensu.ca/secretariat/Hon-Degree.html). Deadline Friday, August 11.

### Human Resources

**Employee Assistance Program**  
For off-campus professional counselling call toll free: 1-800-387-4765 (français 1-800-361-5676). This service can be reached 24 hours a day, seven days a week. Further information is available on the following website [www.queensu.ca/eap/](http://www.queensu.ca/eap/)

### Staff job postings

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

### Milestones

Compiled by Faye Baudoux  
If you have a milestone of 5, 10, 15, 20, 25, 30, 35, 40 years or more of continuous service coming up

and you do NOT wish your name to be included in the listing, please contact Faye in Human Resources at ext. 77791. Congratulations to those who reached the following milestones in April 2006:

**35 years:** Grant Titley, Postal Services; William Walker, PPS.  
**30 years:** Joan Fisher, Apartment and Housing; Terena Grice, Financial Services; Garry O'Neill, PPS.  
**25 years:** Eric Neuman, PPS; Tammy O'Neil, Faculty of Education.  
**20 years:** Floyd Connor, Biology; David Needham, ITS; Kenneth Pearce, Stauffer Library.  
**15 years:** Sandra Jimmo, Pathology and Molecular Medicine; Donald Orován, PPS; Neil Porter, Civil Engineering; Bonnie Stewart, Office of Research Services.  
**10 years:** Mary Lou Delisle, Post-graduate Medical Education; Laurie Gee, Human Resources; Tammie Kerr, Physics.  
**5 years:** Susan Earle, Continuing and Distance Studies; Bonnie Fleming, ITS; Rachel Fonger, Advancement Data Management; Darlene Homer, School of Graduate Studies; Sandra Jeffers, International Centre; Catherine Landon, Residences; Judith Wilson, University Advisor on Equity Office.

### Notices

**QUFA members making application for renewal, tenure, promotion or continuing appointment**  
Under the terms of the collective agreement between Queen's University and Queen's University Faculty Association for faculty, librarians and archivists, Sept. 1, 2006 is the deadline for eligible regular faculty to apply for renewal,

## HELP LINES

Campus Security  
Emergency Report Centre  
**533-6111**

**Human Rights Office**  
533-6886  
Irene Bujara, Director

**Sexual Harassment Complainant Advisors:**  
Margot Coulter, Coordinator  
533-6629

Chuck Vetere – Student Counselling  
533-2893 ext. 77978

**Anti-Racism Complainant Advisors:**  
Stephanie Simpson, Coordinator  
533-6886  
Audrey Kobayashi – Geography,  
533-3035

**Anti-Heterosexism/Transphobia Complainant Advisors:**  
Julie Darke, Coordinator  
533-6886

Eleanor MacDonald, Politics  
533-6631

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

**Sexual Harassment Respondent Advisors:**  
Paul Banfield – Archives  
533-6000 ext. 74460  
Mike Stefano – Purchasing  
533-6000 ext. 74232  
Greg Wanless – Drama  
533-6000 ext. 74330

**Anti-Racism Respondent Advisor:**  
Ellie Deir – Education  
533-6000 ext. 77673

**Internal Dispute Resolution**  
SGPS Student Advisor Program  
533-3169

**University Dispute Resolution Advisors – Students:**  
Please contact Harry Smith, Coordinator of Dispute Resolution Mechanisms, at 533-6495 for assistance or referral to an advisor.

**University Grievance Advisors – Staff:**  
Student Affairs  
533-6944

Bob Burge – JDUC  
533-6000 ext. 78775

Gary Racine – Telecommunications  
533-3037

**Freedom of Information and Privacy Protection**  
Information Officer  
533-2211  
Commissioner  
533-6095

**Employee Assistance Program**  
1 800 387-4765

**University Chaplain:**  
Brian Yealland  
533-2186

**Rector**  
Grant Bishop  
533-2733

**Student Counselling Service**  
533-2893

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



**NEW YORK CITY**  
May 15 - 18, 2006 (10 other dates to choose from)  
Includes: 3 nights at Hotel Edison in Times Square, NYC orientation.  
Dbl \$575 pp Sgl \$899 pp Trpl \$485 pp Quad. \$465 pp

**NASHVILLE FAN FAIR 2006**  
June 07 - 13, 2006  
Includes: 4 nights at Opryland Hotel, buffet breakfasts in Nashville, CMA Music Fest / Fan Fair admission incl CMA Festival Evening concerts, admission to the autograph sessions and baggage handling.  
Dbl \$1149 pp Sgl \$1599 pp Trpl \$1049 pp Quad. \$998 pp

**ST. JACOBS COUNTRY TOUR**  
May 12 - 13, 2006  
Visit The Farmers Market & St. Jacobs Village  
Includes: 1 night accommodation, 1 deluxe continental buffet breakfast, 2 dinners.  
Dbl \$219 pp Sgl \$299 pp Trpl \$199 pp Quad. \$189 pp

**DISCOVER QUEBEC CITY**  
May 19 - 22, 2006 or Sept 7 - 10, 2006  
Includes: 3 nights at Hotel Clarendon, most meals, Countryside sugar shack visit, guided tour of Quebec City, Beauport Coast, St. Anne's Basilica & walking tour Fortification walls  
Dbl \$679 p.p. Sgl \$949 pp Trpl \$629 pp Quad. \$619 pp

**DISCOVER NASHVILLE**  
June 07 - 13, 2006  
Includes: 4 nights at the famous Opryland Hotel, buffet breakfasts in Nashville, Sightseeing tour, Country Music Hall of Fame, General Jackson Lunch Cruise, Grand Ole Opry Show.  
Dbl \$1149 pp Sgl \$1599 pp Trpl \$1049 pp Quad. \$998 pp

**CAPE COD, NEWPORT & BOSTON**  
June 26 - 30, 2006  
Includes: 4 nights accommodation, guided tours of: Newport, Boston, Lexington & Concord, Newport Mansion tour, Swan Boats ride and most meals.  
Dbl \$749 pp Sgl \$949 pp Trpl \$699 pp Quad \$675 pp

\*All tours include deluxe motor coach transportation, and all taxes and services charges

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tenure and/or promotion; librarians and archivists to apply for renewal, continuing appointment and/or promotion; continuing adjuncts to apply for promotion; and term adjuncts to apply for promotion and in some cases a continuing adjunct appointment. Members must notify their unit head by July 1, 2006 of their intention to apply. The following articles in the collective agreement are relevant to these procedures: Article 24 - Employment Equity; Article 30 - Renewal, Tenure and Promotion for Tenure-Track and Tenured Faculty Members; Article 31 - Renewal, Continuing Appointment and Promotion for Librarian and Archivist Members; Article 32 - Personnel Procedures for Adjunct Faculty Members.

## PhD Examinations

Members of the regular staff at the university may attend PhD oral thesis examinations.

## Wednesday, April 26

Wei Wang, Management. Three Essays on Corporate Bonds. Supervisor: W. Suo. 403 Goodes Hall, 2 pm.

## Friday, April 28

Markus Ain Timusk, Mechanical and Materials Engineering. A Unified Method for Anomaly Detection in Unsteady Systems. Supervisors: C. Mechefske, M.G. Lipsett, Syncrude. 312 McLaughlin Hall, 9 am.

## Calendar

Unless otherwise specified, all events are free.

## Art

### Agnes Etherington Art Centre

University Avenue at Bader Lane  
Free admission on Thursdays.

#### Competition:

Writers' Online Forum: The Secret Life of Art. Submit original texts (up to 500 words) written in response to one of the seven works of art featured in the exhibition *Telling Stories, Secret Lives*. Selected pieces will be posted on the art centre web site through the run of the show. The TSSL Prize for Art Writing, a \$200 cash award, will be announced following the close of the exhibition. Deadline: April 30.

#### Exhibitions:

*Telling Stories, Secret Lives*. Contemporary Feature and Samuel J. Zacks galleries, and Etherington House. To April 30.  
Matt Rogalsky: When he was in high school in Texas, Eric Ryan Mims used a similar arrangement to detect underground nuclear tests in Nevada. The Davies Foundation Gallery. To May 14.  
*Impressions/South*. Mid-20th Century Canadian Prints. Frances K. Smith Gallery. To June 4.  
*Impressions/North*. Mid-20th Century Inuit Prints. African Gallery. To July 9.  
The Dancer Transformed. Masks of West Africa. R. Fraser Elliott Gallery. To July 23.  
Wrought Emotions. European Paintings from the permanent collection. The Bader Gallery. To Jan. 26, 2007.  
Art Making/Quebec 1940-1975. Historical Feature Gallery. To Aug. 27.

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

## The Studio

Studio Hours: Tuesday to Friday 11:30 am to 3 pm, Saturday and Sunday, 12 to 3 pm or by appointment. Details: Angela Solar, [solar@educ.queensu.ca](mailto:solar@educ.queensu.ca) ext. 77416.

## Thursday, April 27

### Education

Fifth-annual Kingston General Hospital/ Faculty of Education murals. Created for the main Emergency corridor at KGH by teacher candidates. Main lobby, Duncan McArthur Hall, 9 am to 4 pm.

### Union Gallery

First floor, Stauffer Library  
Main Gallery - 24/7 an exhibition by first-year Fine Arts students on view to April 28. A reception for takes place Friday, April 28, 6 to 8 pm in the gallery.  
[uniongallery.queensu.ca](http://uniongallery.queensu.ca)

## Conferences

### Friday, April 28

#### Materials and Nanotechnology Symposium 2006

Keynote speaker: Nobel laureate John Polanyi, University of Toronto. Molecular Imprinting: A Chemist's Approach to Building Nanostructures. 117 Chernoff Hall, 90 Bader Ln. 8 am to 6 pm. Registration and details: [www.chem.queensu.ca/SpecialEvents/MaterialsandNanotechnologySymposium/](http://www.chem.queensu.ca/SpecialEvents/MaterialsandNanotechnologySymposium/) or email Lisa Knechtle-Jerkiewicz, symposium assistant, [lisak@chem.queensu.ca](mailto:lisak@chem.queensu.ca)

### Wednesday, May 3, Thursday, May 4

#### Can a Disaster Really Be Managed?

Lessons and Comparisons from the Recent Past. Theological Hall. Speakers include The Honourable Stockwell Day, David Butler Jones, The Honourable Monte Kwinter, James McMahon, The Honourable David Collenette. Biosciences Complex, 116 Barrie St (new location). Banquet May 3, Royal Military College. Information, Julie Burch ext. 77627. Register at [www.queensu.ca/csd](http://www.queensu.ca/csd).

## Courses and Workshops

### Thursday, April 27 and Friday, April 28

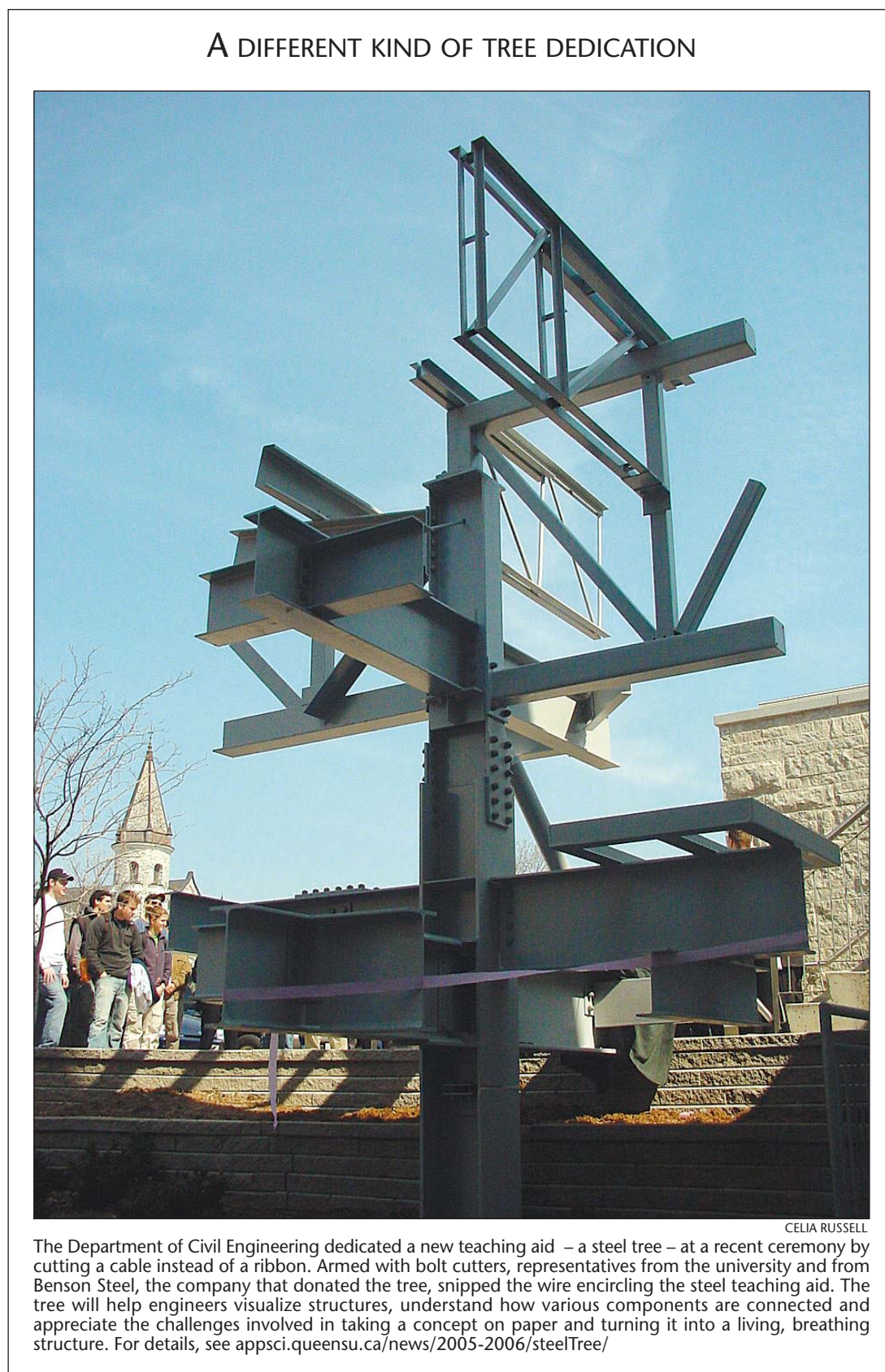
#### School of Medicine

TIPS for Faculty (Teaching Improvement Project Systems), Faculty Development, School of Medicine, Donald Gordon Centre. New faculty and experienced teachers welcome. Details or registration 533-3233, [cpd.fd@queensu.ca](mailto:cpd.fd@queensu.ca) or [meds.queensu.ca/ce/fd/index.html](http://meds.queensu.ca/ce/fd/index.html).

### Saturday, May 6

#### Conversation of Innovators

A one-day conversation will bring together a diverse group of innovators to elaborate upon the challenge raised in the May 5 lecture and to assemble a picture, drawing from shared experience, of a possible developmental trajectory of collaborative group-wide innovation from elementary school through to the workplace and public sphere. Duncan McArthur, 8 am to 3:30 pm. Open to the public. Details: Bill Egnatoff, [egnatoff@post.queensu.ca](mailto:egnatoff@post.queensu.ca); 533-6000, ext. 77290.



CELIA RUSSELL

The Department of Civil Engineering dedicated a new teaching aid - a steel tree - at a recent ceremony by cutting a cable instead of a ribbon. Armed with bolt cutters, representatives from the university and from Benson Steel, the company that donated the tree, snipped the wire encircling the steel teaching aid. The tree will help engineers visualize structures, understand how various components are connected and appreciate the challenges involved in taking a concept on paper and turning it into a living, breathing structure. For details, see [appsci.queensu.ca/news/2005-2006/steelTree/](http://appsci.queensu.ca/news/2005-2006/steelTree/)

## Departmental Seminar Schedules

### Ban Righ Centre

[www.queensu.ca/dsao/ind/banrigh/events.htm](http://www.queensu.ca/dsao/ind/banrigh/events.htm)

### Biochemistry

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

### Biology

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

### Business

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

### Cancer Research Institute

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

### Centre for Neuroscience Studies

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

### Chemistry

[chem.queensu.ca/newsandevents/seminars/seminar02w.pdf](http://chem.queensu.ca/newsandevents/seminars/seminar02w.pdf)

### Computing

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

### Economics

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

### Environmental Studies

[biology.queensu.ca/~talkensc](http://biology.queensu.ca/~talkensc)

### GeoEngineering Centre at Queen's - RMC

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

### Geography

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

### Human Mobility Research Centre

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

### Law

[law.queensu.ca/Visitors/index.php](http://law.queensu.ca/Visitors/index.php)

### Microbiology and Immunology

[microimm.queensu.ca/events/seminar2006.html](http://microimm.queensu.ca/events/seminar2006.html)

### Pharmacology/Toxicology

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

### Physiology

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

### Policy Studies

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

### Physics, Astronomy, and Engineering Physics

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

## Public Lectures

### Friday, April 28

**The Donald Gow Memorial Lecture**  
Michael Kirby, Senate of Canada. The calling of mental health reform. Ban Righ Hall, 5:30 pm. Banquet to follow. To register, visit [www.queensu.ca/sps](http://www.queensu.ca/sps) or call 533-2159.

### Friday, May 5

**Information Technology Integration Symposium Series**  
Carl Bereiter, OISE/UT. Creating a culture of innovation. A237, Duncan McArthur (Union Street at Sir John A. Macdonald Boulevard), 7:30 pm.

## Special Events

### Thursday April, 27

#### Education

Community-based project display by technological education students. Student Street, Duncan McArthur, 10 am to noon.

### Wednesday, May 3

#### Ban Righ Foundation Annual Spring Awards Ceremony

Awards presentations, visual presentation: I Believe, music by harpist Donna Crozier. Refreshments. Celebrate mature women students and those who generously support them. 7 pm, Grant Hall. Details: 533-2976 or email [kk9@post.queensu.ca](mailto:kk9@post.queensu.ca)

## Submission information

Submit Calendar items in the following format:

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

Email to: [gazette@post.queensu.ca](mailto:gazette@post.queensu.ca)

**The deadline for Bulletin Board and Calendar items for the May 8 issue is at noon on Monday, May 1.**