



# QUEEN'S GAZETTE

2003 CCAE Gold Medal for best university newspaper

A prescription for concern P8



The virtues of vegetarianism P13



## SWIRLING TO THE MUSIC



STEPHEN WILD

Students Reshma Bhargava (foreground) and Scheherazaad Cooper perform an Indian dance in the John Deutsch University Centre. Exposure, an interactive arts festival presented by the AMS Campus Activities Commission, took place March 3-5. It showcased the artistic talents of students, staff and faculty.

# Education innovation

By ANNE KERSHAW

If we are to preserve Canada's distinctiveness, we must offer the right business and social environment to encourage more Canadian-based head offices, and to attract and keep the brightest intellects and entrepreneurs in the world, says Queen's Chancellor Charles Baillie.

"People and capital have virtually unlimited mobility. They go to the most attractive bidder," he says.

Kingston is already moving in the right direction and in many ways "epitomizes" an approach to innovation and competitiveness that makes the

most sense, says Dr. Baillie, keynote speaker at last Wednesday's Queen's Corporate Breakfast. "You have created technology, advanced materials, health services and environmental clusters around Queen's to capitalize on the university's research and bring new ideas to market," he told an audience of about 160 local business and educational leaders. "The magic of this approach is that clusters create a positive spiral. Ideas breed ideas."

Improving the productivity of knowledge workers is key

See EDUCATION INNOVATION: Page 5

# Imparting the beauty of math

LEO JONKER WINS NATIONAL AWARD FOR A CAREER TAMING STUDENTS' FEARS ABOUT NUMBERS

By KAY LANGMUIR

Anyone who teaches math should love the beauty and the power of it, says Leo Jonker, who has just added another prize to his lengthy list of teaching awards.

"Because people perceive it as important, they think of it as medicine," says Dr. Jonker, who was recently named the first recipient of the Canadian Mathematical Society's Excellence in Teaching award. "It's good for you, but it doesn't taste good. It gets pushed down your throat."

Dr. Jonker, who has taught in the Department of Mathematics and Statistics since 1969, won the inaugural award for his work teaching undergraduates, particularly engineering students and prospective elementary-school teachers.

One of his most innovative and successful teaching strategies requires students to turn

around and teach others what they've learned.

In his highly popular introductory engineering calculus course, he uses well-trained undergraduate tutors, in addition to "carefully planned tutorials, superb lectures, and interactive course notes specially developed for the course," the society says.

The teaching-others concept looms even larger in his Math 010 course, Fundamental Concepts in Elementary Mathematics for Teachers, designed for undergraduates with little or no university math. About a third of the class even declared in a survey that they feared or disliked the subject.

Instead of offering a surface understanding of a large amount of advanced material, the course imparts a deep knowledge of basic math.

Students must also attend local schools once a week for 10 weeks to teach enriched math to Grade 7 and 8 pupils.

The results have been transformational.

"I didn't realize how well it would work," admitted Dr. Jonker. "By having to go out and teach the material each week, the

See MATH: Page 4

# Senate votes to refine student grievance policies

By CELIA RUSSELL

Queen's Senate has voted to refine its non-academic grievance policies, as a result of a grievance that arose at the International Study Centre (ISC) at Herstmonceux Castle in England.

At its Feb. 26 meeting, Senate approved several recommendations, stemming from an appeal brought by four students who were suspended (along with two others, who did not appeal) from

the ISC for two years for their use of illegal drugs while at the ISC last fall.

According to a report by the Senate Grievance Board, the students were not found in possession of any drugs (despite a room search). But after several interviews with ISC administrators, they admitted to using marijuana on ISC grounds.

Less than one week elapsed between the initial allegations

against the students in late September 2003 and their return to Kingston. In that time, "emergency powers" were invoked by the ISC's administration.

Emergency powers are intended for use in urgent cases where there is an immediate and serious threat to safety or institutional well-being, and only as an interim measure until appropriate disciplinary steps can be taken. In this case, Dean of Stu-

dent Affairs Bob Crawford reviewed their use shortly after the events took place.

Subsequently, at a hearing in Kingston in December, the grievance board found significant procedural errors and violations of students' rights in this case, and that the emergency powers had been inappropriately used under the circumstances. The board concluded that the case

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## SENATE IN BRIEF

### Notes from the Feb. 26 meeting

**Policy on Student Appeals, Rights and Discipline:** Senate approved the policy, to take effect immediately. Its intent is to ensure that students receive fair treatment and are aware of their rights and responsibilities and to establish a fair, efficient method of resolving academic and non-academic matters. For the full policy, see the Feb. 26 agenda, available on the Senate website at [www.queensu.ca/secretariat/senate](http://www.queensu.ca/secretariat/senate). For background on the policy, see the Feb. 23 Gazette Viewpoint column by Coordinator of Dispute Mechanisms Doug Morrow (page 4).

**Name change:** Senate approved changing the name of the Department of Mechanical Engineering to the Department of Mechanical and Materials Engineering. Including "materials engineering" in the title recognizes that programs in this field of Applied Science have become a vital part of the department, the Senate Com-

mittee on Academic Development (SCAD) noted. The name represents the full spectrum of activities in the areas of research as well as academic programs in the department.

Senate approved a **BA Minor in Geographic Information Management Studies (GIMS)** to commence September, 2004. The program is part of a long-term vision for developing program options for students interested in opportunities to study in the field of geomatics. Geomatics is an expanding field and the demand for graduates continues to grow. The program will continue an interdisciplinary approach, drawing upon the university's existing special information studies in other departments.

Senate approved a **BA Minor in German Studies** to commence September, 2004. In its report, SCAD noted that the program offers an additional option for students interested in studying German culture as well as the language and literature.

**Elections:** Senate approved the election of Christopher Jones (student) to the Nominating Committee and James Archibald (faculty) to the Scholarships and Student Aid Committee.

### Senate votes

continued from page 1

should have been dealt with by the ISC Discipline Committee rather than by invocation of the "emergency powers." The discipline committee has student and faculty involvement, and students at Queen's are generally entitled to have discipline decisions made by bodies that include student members.

"This is the first time that these policies had ever been tested," Vice-Principal (Academic) Suzanne Fortier told Senate.

The ISC is a unique environment - and very different from the main Queen's campus, she said. Students and professors are at the fully residential campus for a very short period, usually no more than two terms, and so can play only a small role in the development of policies.

"There was a realization that

what works at Queen's, does not work for the situation at Herstmonceux," noted Nick Bala, chair of the Senate Grievance Board.

One concern the board had about the handling of the case was the lack of a clearly designated person to provide independent, informed, supportive and confidential advice to the students. At Queen's, this role would be performed by a university appointed grievance advisor.

The university has a responsibility to ensure that even students who have (allegedly) transgressed its rules have support through the discipline process. This is especially critical at the ISC where they are far from family, and there is an absence of counseling and legal support, the board found.

[www.queensu.ca/secretariat/senate](http://www.queensu.ca/secretariat/senate)

## Queen's gets a report on Monday Report

Queen's people's ability to laugh at themselves will be severely tested tonight when comedian Rick Mercer reports on his visit to the uni-



Rick Mercer

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

versity on CBC's *Monday Report*.

The host of *Monday Report* and his team visited campus last week to learn about university life.

He interviewed several groups on campus, including members of the Engineering Society and the Society for Pythonic Admiration and Mimicry (SPAM).

Mr. Mercer has been a central character in Canadian comedy for more than 10 years, and was part of the original cast of CBC's *This Hour Has 22 Minutes*. He is also known for his one-hour special, *Talking to Americans*.

*Monday Report* airs at 8 pm on CKWS TV (channel 11, cable channel 10).

## University, QUFA reach first collective agreement for sessional adjuncts

The university and Queen's University Faculty Association (QUFA) have reached a three-year collective agreement for sessional adjunct academic staff. It is in effect until April 2005.

The members ratified the proposed agreement with 100 percent of those casting ballots voting in favour. The university approved the agreement on Feb. 20.

It provides for new minimum

stipend rates for course instruction, retroactive to May 1, 2003. Years 2 and 3 of the agreement provide for scale increases to the minimum stipends equivalent to that negotiated for the Faculty, Librarians and Archivists' bargaining unit at the university.

The parties addressed a number of other items, including appointments processes, reappointment rights, evaluation, and working conditions.

## Exploring the options for a green Queen's Centre

Campus sustainability and the new Queen's Centre is the topic of an Earth Week Workshop taking place Wednesday, March 10 in room 202, Policy Studies.

Participants will learn about the principles and criteria for green building design, and ideas for making the new Queen's Centre a part of a sustainable future.

Guest speakers include Aaron Dent, chair of the Queen's Greening the Ivory Towers Pro-

ject; Ed Lowans, manager of Sustainability, Keen Engineering and Andrew Simpson vice-principal (Operations and Finance) and chair of the Queen's Centre Management Committee.

The workshop, presented by the School of Environmental Studies and the ENSC Student Council, begins with refreshments at 2:15 pm, with the program starting at 2:30 pm. Admission is free and all are welcome. [www.queensu.ca/envst/](http://www.queensu.ca/envst/)



## QUEEN'S GAZETTE

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## Ads aim to raise public awareness of universities

By ANNE KERSHAW

When tuning in to local radio stations these days, Kingston and area listeners may hear some catchy ads aimed at highlighting the important contributions universities make to society.

The Council of Ontario Universities (COU) has recently launched a public awareness campaign designed to bring home to the larger community how significantly universities enrich the social, cultural and economic quality of life for citizens.

As of Feb. 27, three 30-second spots touching on each of these areas are being broadcast in centres across the province over a three-week period.

A complementary print advertisement campaign is scheduled for mid-March. It is expected to highlight the key role universities play in advancing ambitious government goals related to social welfare, innovation, and global economic competitiveness.

A top priority for Ontario's universities in recent years has been working with the province to develop a funding model that

adequately addresses the challenges of competing internationally for high quality faculty and giving all qualified students access to a superior learning environment.

Currently, Ontario's per student funding is the lowest in Canada and lower than almost all the U.S. states.

### Currently, Ontario's per student funding is the lowest in Canada and lower than almost all the U.S. states.

"Anything that can be done to build greater public awareness and support for universities is welcome," says Principal Bill Leggett. "We have come to the point where it's absolutely critical that citizens of the province understand what is at stake, and what is needed in the way of a financial investment in universities if we're going to be

able to fulfill our mandate – preparing today's students and generations that follow to assume the kind of leadership roles that will move our society forward on all fronts."

The timing of the public awareness initiative is important, says Ian Clark, president of COU.

"It is being undertaken at a time when the people of Ontario are being asked to engage in dialogue about what our province needs to ensure its continued strength and vitality."

"The universities of Ontario are adding our voice to the discussion with an essential message...and that is that a strong Ontario needs strong universities. With the lowest university funding per student of all Canadian provinces, it is highly unlikely that Ontario will achieve its objectives," says Dr. Clark.

The mandate of the COU is to provide leadership on issues facing publicly funded universities, participate actively in the development of relevant public policy and communicate the contribution of higher education in the province.

## IN BRIEF

### Labour board to meet again

The Ontario Labour Relations Board has scheduled a second meeting for March 23 in Ottawa to address outstanding challenges to the voters' list.

A meeting held in Kingston late last month that dealt with challenges to the voters' list made considerable headway but was unable to resolve all the issues, university officials say.

Representatives of the university and the Canadian Union of Public Employees (CUPE) will attend the upcoming meeting. Once all outstanding matters are dealt with, the decision of the board will be made public.

Ultimately, the meeting will determine whether the vote to unionize a broad group of Queen's teaching assistants, instructors, markers and demonstrators will stand.

To be successful, the union applying for certification requires that 40 per cent of the determined bargaining unit sign union cards. For the vote, a simple majority of eligible ballots cast (50 per cent plus one) is required to achieve certification.

On voting day Feb. 5, a number of votes were challenged, the majority of challenges originating with CUPE.

### Governance in Latin America

Noted scholar Daniel Chavez will deliver a lecture entitled *Radicals in Power: Experiments in Urban Democracy in Latin America*, this Tuesday, March 9 in D209 Mackintosh-Corry Hall.

Several cities in Latin America have been experimenting with participatory forms of local governance that openly challenge social and economic inequality and attempt to radicalize democratic participation in local government decision making.

Based at the Transnational Institute in Amsterdam, Dr. Chavez will provide a comparative account of the successes and failures of experiments in urban democracy in Latin America and other parts of the world.

His visit is presented by Studies in National and International Democracy (SNID).

## Town and gown: learning how to work together

A one-day conference on Queen's campus will explore the challenges and opportunities that exist in a university city.

Ontario Minister of Municipal Affairs and former Kingston Mayor John Gerretsen will present the keynote address at the conference, which takes place Friday, March 19 on Queen's campus.

Presented by the Alma Mater Society, the conference is geared to a wide audience: students, faculty and administration at Queen's, groups from the wider community and other universities and student governments.

Recently, cities have been taking on an increasingly important political and social role in society. Universities and student governments have discovered that policies and by-laws are deeply affecting the quality of life that is enjoyed by

their students and the attractiveness of their university.

Tenant protection, planning issues, town-gown relations, social services and the new place of cities in Canada will also be discussed.

The conference will feature educational and discussion sessions and a panel discussion on the challenges and opportunities that exist in a university city.

These include a presentation and discussion by the city's planning department on issues that arise in a university town and new plans and initiatives. David Gordon (Urban and Regional Planning) will present a session on the innovations in town-gown relations in Philadelphia, where he was a Fulbright Scholar at the University of Pennsylvania in 2002. Queen's Legal Aid will also pro-

vide information on tenant rights and responsibilities.

The afternoon session features a panel discussion on how Kingston deals with its unique student demographic. Former Mayor and OMB Chair Helen Cooper will moderate. Panelists include Vice-Principal (Operations and Finance) Andrew Simpson, David Gordon (Urban and Regional Planning) and current Mayor Harvey Rosen.

The conference takes place 9:30 am to 5 pm and costs \$10, to be donated to the Queen's AMS Food Bank. Group rates are available. Please contact the organizers if cost is a problem.

To register and for more information, contact Sarah-Dawn Schenk, Municipal Affairs Commissioner, Alma Mater Society, 533-3001, ext. 75187, macc@mams.queensu.ca.

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## Math

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university students are provided with a degree of motivation you cannot duplicate with tests."

Moreover, from the professor's point of view, "It changes the character of the material, the way you teach it and the way it's received...students in this class ask different questions because they know they have to teach it. They want to know how to explain it to a class."

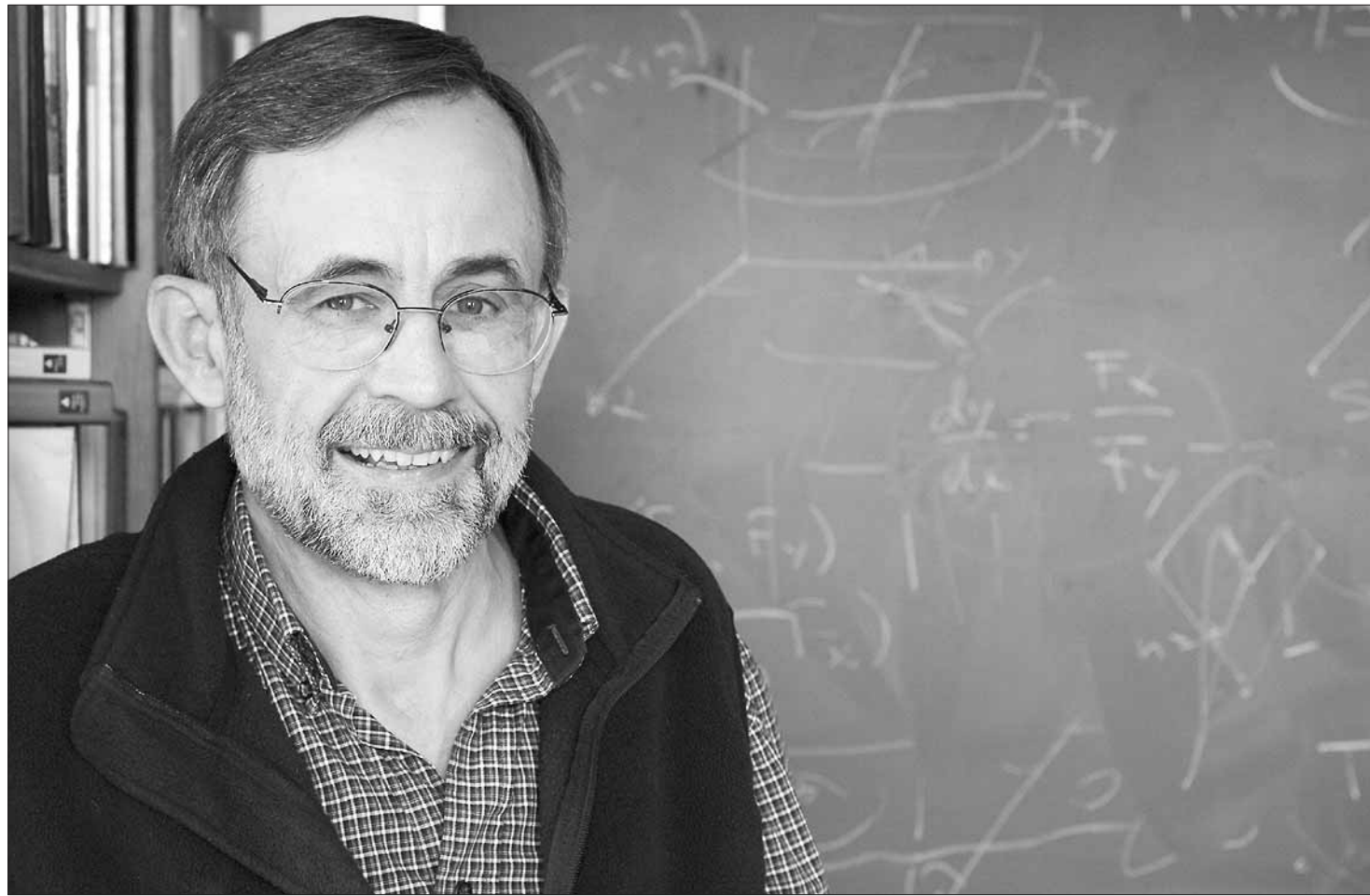
### The results have been transformational.

"I don't know how well it would work in other departments, but it sure works well here."

At the end of the course, 93 per cent of the students said they had increased confidence in their ability to teach math. On an end-of-term survey, one student commented that: "The school visits were incredibly important, Teaching to learn is incredibly effective." Another wrote: "The visits validate everything done in class and encourage understanding and involvement with the material."

The seeds of this unique course go back 20 years when Dr. Jonker's own children were in school and he decided to offer an enriched math program to some Grade 7 and 8 students. The program grew over the years, and Dr. Jonker has also written two manuals on teaching elementary math. Today, nearly all the schools in the district use his program.

Through his participation in the elementary-school system, he



STEPHEN WILD

One of Leo Jonker's most innovative and successful teaching strategies requires students to turn around and teach others what they've learned.

realized that math anxiety wasn't just confined to students. Math teachers were often uncertain about their abilities to impart concepts to their students.

Faculties "are not very attentive to students who want to go into teaching," says Dr. Jonker. "We're more focused on graduates, so we design our courses too often and too much for these other students."

A greater rapport between main campus and the Faculty of Education would benefit students, he suggested.

"We need greater synergy between this campus and the Faculty of Education to get away from compartmentalization," says Dr. Jonker. "I'm not criticizing... I'd likely to suggest it gently."

The society's award, which Dr. Jonker officially receives in Halifax

in June, has already proved itself a force for good. He had mused aloud in one media interview that it would be nice to have a sponsor who could help the students cover travel expenses. Many of them don't have cars and must pay their own way to get to schools that are often some distance from campus. Since the announcement of the award in the media, a local company has come forward to

offer ongoing assistance with the students' expenses.

The University of Toronto has also invited Dr. Jonker to its Scarborough campus to discuss the teaching of engineers and teachers.

He has also received several teaching awards from Queen's, as well as an Excellence in Teaching award in 2000 from the Ontario Confederation of University Faculty Associations.

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## Three who gave much to the university

### John Heney: fundraiser par excellence

John Heney, who died Friday, Feb. 27 of complications due to cancer, directed what was then the most successful fundraising campaign in Queen's history in the early 1990s.

Held in conjunction with the university's sesquicentennial in 1991, the campaign raised more than \$100 million in total support for the university, in a campaign with a planned target of \$70 million. Mr. Heney was a volunteer for the recent Campaign for Queen's and served as an advisor to a number of Office of

Advancement staff over the years.

Mr. Heney came to Queen's in 1988 from McGill University where he was director of Development. He served as Queen's director of Development, officially retiring in 1994, but was acting director through 1995.

A Montreal native and McGill graduate with a Bachelor of Commerce, he was a chartered accountant both in Quebec and Ontario. Before his McGill appointment, he was vice-president of Finance and director of the Kroehler Manufacturing Co.

Ltd. in Stratford, Ont. Earlier, he was treasurer of Samsonite Luggage of Canada Ltd. He was also a past-president of the Stratford Shakespearean Festival and a past campaign director of the Stratford United Way.

"A quiet gentleman, thorough and polite with the assurance that comes from knowledge, Mr. Heney had that sense of integrity that is so important in gaining the trust of benefactors, always mindful of what is in the interest of the donor and ultimately in the interest of Queen's," colleagues once wrote in nominating him for a university award.

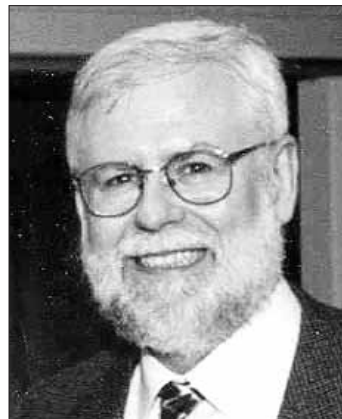
In Mr. Heney's eyes, no donor was more important than another, and no gift was ever too small.

As chair of the sesquicentennial campaign, he paid a personal visit to a Queen's staff member, who was concerned that her \$50 donation was not up to the expectations of the campaign literature. Mr. Heney showed her he valued her donation by telling her that, not only was her gift welcome, she could direct it to whatever university need she wished.

Mr. Heney was known as a fund-raiser par excellence with a sophisticated knowledge of gift giving through bequests and annuities. He was responsible for stewarding the Bracken gifts to the university, and was instrumental in setting up a crown corporation for Queen's for the receipt of major gifts. He also played a significant role in establishing university protocols in the evaluation of cultural properties.

### Don Richan: dedicated scholar

University Archivist Don Richan passed away the morning of Sunday, Feb. 22 after a brief but courageous battle with cancer.



Don Richan

BERNARD CLARK

Mr. Richan was born in Winnipeg, Manitoba, where he spent a portion of his childhood before moving to Moose Jaw, Saskatchewan. He studied history at the University of Manitoba, received his BA from the University of Saskatchewan in 1978, and completed his MA at the University of Regina in 1981. While working on his PhD in History at the University of Toronto, Mr. Richan was offered a position with the Saskatchewan Archives Board, which was the beginning of a long and active career in the archival profession.

While in Saskatchewan, he also served as the City Archivist for Regina, Chair of the ACA

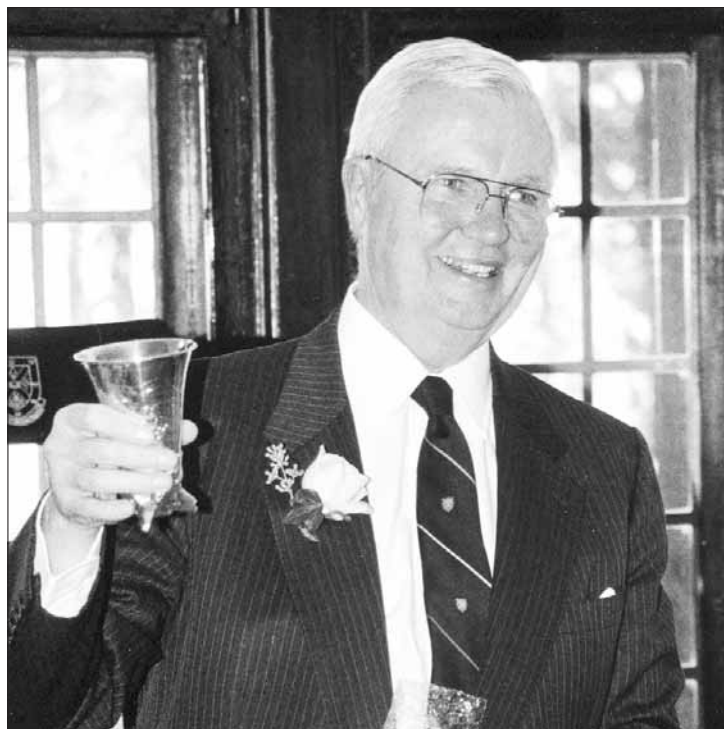
Municipal Archivists Special Interest Section, Program Chair for the 1990 Association of Canadian Archivists Conference, and President of the Saskatchewan Council of Archives.

In 1994, Mr. Richan was appointed to the position of University Archivist at Queen's. Since that time, he was an active promoter of the Archives, serving on numerous committees within the University, provincially, nationally and internationally. He was co-chair of the Group for the Teaching of History, and Chair of the International Council of Archives Section on University and Research Institution Archives.

He worked closely with the Council of Ontario Universities with relation to Freedom of Information and Protection of Privacy. His dedicated work and expertise in the realm of Freedom of Information and Protection of Privacy matters, officially as the university FOIPP Officer and as his main research interest, has placed the university in an excellent position to meet the challenges facing the post-secondary sector in Ontario as it moves to implement both federal and provincial legislation.

The staff of Queen's University Archives mourns the untimely loss of a gentle man, a respected colleague and a good friend.

Prepared by Jeremy Heil and other Archives staff members.



John Heney at his retirement reception.

### Rolf Lund: devoted coach and teacher

Rolf Lund, retired professor of Physical and Health Education and former Athletics director and head coach of Track and Field and Cross Country teams (1963-1988) died Friday, Feb. 13 after a long battle with cancer.



WALLACE R. BERRY

Rolf Lund

"Rolf Lund was a dedicated coach, teacher and administrator whose leadership contributions to Queen's Athletics over his 33 year career were varied and many," says John McFarlane, chair, Athletics and Recreation. "But his devotion to establishing and guiding the track and field program at Queens is clearly the most notable. Many of his former athletes and coaches honoured him for these contributions upon his retirement by contributing to and establishing the Rolf Lund Bursary in his name

"Rolf was very active in the local community, at the provincial, national and International level in many sports committees. His passion for his beloved sport of track and field took him to key voluntary leadership roles as

head of both the Ontario Track and Field Association and Athletics Canada. His leadership skills at Athletics Canada were best tested during the International Drug scandal involving Canada's Ben Johnson resulting in Johnson relinquishing his Olympic Gold medal. Rolf's integrity, experience and knowledge of International sport brought much credibility to Athletics Canada during this turbulent period," says Mr. McFarlane.

"As a teacher and colleague, Rolf cared for all students and always had time to listen to them and treated them with respect. I learned a lot about university sports from Rolf. He will be missed by many at Queen's and in the broader community."

Rolf Lund touched an amazing breadth of people, long-time friends and colleagues Rita Sue and Curt Bolton said in a tribute at Mr. Lund's funeral.

"Rolf is a people person who stood by us and allowed us to experience the daily challenges each of us faces. He listened, suggested, gave us counter arguments and allowed us to grow. He was perfectly comfortable heading teams at World Championships or at the All-Comers Meet at Richardson Stadium."

The imp in Rolf allowed him to handle many situations that would have been lost on others, Ms. Bolton says.

"One time, the manager of a hotel called Rolf in the middle of the night to complain about the noise our athletes were making. Rolf went to great lengths to assure the manager that he was on top of it and that everything would be taken care of - to the point that when Rolf called the

manager back five minutes later to complain about noise around his room, the manager assured Rolf that things would be quiet shortly, because he had just talked to their team leader and that this person had promised to have his team under control immediately."

Rolf got such pleasure from steering a program or an organization through all the minefields to deliver to the athletes, says Ms. Bolton.

"This is best illustrated thru an email I received recently from John Craig of the Ontario Track & Field Association, and I quote, '(Rolf) was a terrific guy who told me once that when he got discouraged he would just go down to the local school and watch the kids playing in the yard, and he would remember why it was all so important. That it kept (him) going through some difficult times.'"

Prof. Lund was a Level 4 national coach in track and field, a national coach for Nordic skiing (ski jumping), a Level 1 soccer coach, and a coach of gymnastics, skiing, football, aquatics and basketball.

Among his accomplishments as a sport leader, he was past-chair of Athletics Canada, past president of the Ontario Track and Field Association, technical chair of the Ontario Winter Games, Kingston 1979, member of the organizing committee, Ontario Summer Games, Kingston 1994 and chair of the Kingston Culture and Recreation Advisory Committee. His vision for sport leadership based on partnership and cooperation is embodied in the Sport Alliance of Ontario, of which he was a founder and first chair.

### Education innovation

continued from page 1

to Canada's future, he says.

"The productivity of manual workers increased 50-fold in the 20th century. As a knowledge-based economy, we now need to focus on achieving similar gains in the productivity of knowledge workers."

This needs to be addressed at all levels of education, he says.

"From early childhood, our education system needs to help our children think in new ways, dream big dreams and take the risk to fulfill them. Our schools themselves need to foster their own continuous

### "Sadly, in Ontario we have no more PhD students in universities now than we did in 1991..."

Charles Baillie

improvement and innovation."

He points to the need for a significantly greater investment in higher education.

"Sadly, in Ontario we have no more PhD students in universities now than we did in 1991 when the province had a million fewer people and the economy was far less dependent on skills and knowledge," he says. As most are aware, PhD students are "the feeder system for the research scientists who drive much of the innovation in this country."

But there is no sense in increasing the number of skilled people if no jobs are available.

"Business needs to take a longer-term view of the kind of

labour force we shall need in the future. We need to collaborate with academia to create the right supply demand balance. We also need to ensure that we are helping our employees prepare for constant change by offering lifelong learning opportunities."

We also need "a new dynamic" among government, business, labour, academia and the not-for-profit sector, he says.

"Increasingly corporations will be judged by how we treat our employees and how we help resolve the social issues that matter to Canadians - such as poverty, homelessness and the environment. Social advocates have a vested interest in ensuring the economy grows - opportunities for their constituents depend upon it."

He added that business and academia must cooperate to increase the transfer of technology into competitive commercial applications. Canada has one of the world's most generous tax treatments of research and development expenditures, but we rank just 13th of the OECD countries in business spending on research and development.

"Just four firms do almost one-third of the research and development in this country. American universities undertake 14 times as much research as their Canadian counterparts, and receive 49 times the licensing income."

Dr. Baillie, former Chairman and CEO of the TD Bank Financial Group, was elected Queen's Chancellor in May 2002. He received an honorary degree from Queen's in 2000. He and his wife Marilyn were instrumental in establishing at Queen's the Baillie Family

## VIEWPOINT

LAURA NAGEL  
Biology



## Having a baby? Be forewarned

FINANCIAL SUPPORT DOES NOT EXIST FOR FEMALE GRADUATE STUDENTS WHO TAKE A LEAVE FROM THEIR STUDIES TO HAVE A CHILD

**I** am having a baby in the next few weeks. I am in my second year of a PhD in biology, a discipline that has lots and lots of females in undergraduate and master's degrees, but few women PhD students.

Like most other scientific disciplines, there is often some amount of hand wringing about this. Why do women "drop out" before they enter academia as a profession? The answer to this is complicated (well, not really), but is beyond the scope of this column.

I would, however, like to offer up one factor that may contribute to the pattern: There is absolutely no financial support for female graduate students who need some time on leave from their degree to have a baby.

I have contributed for about 15 years to the employment insurance plan, which provides maternity benefits to women while they are on leave for up to one year.

If you do not contribute a certain amount to this plan just before claiming your maternity leave, you get nothing. I have been a student for two years, so I get nothing.

What happens at the institutional level to my sources of funding if I take a leave to have a baby? I get nothing.

Queen's guarantees PhD students a minimum level of funding each year for four years. For me, this funding currently comes from three sources.

If I take a leave to have a baby, my Ontario Graduate Scholarship will be withheld for the duration of the leave.

If I take a leave, my supervisor will withhold the \$140 per month that he pays from his grant to support me.

The last portion of my guaranteed income comes from being a teaching assistant for one course (worth \$1,560). Since my baby is due at the beginning of March, I could not perform my TA duties this term because I would have to leave part way through the term. I therefore get nothing from this funding source either.

I would therefore start my leave (during which I get nothing) already \$1,560 short of my guaranteed support for the year.

I know that the federal government that sets the rules for employment insurance doesn't have the money to provide me with maternity benefits. And I know that the provincial government that gives me my scholarship doesn't have the money to provide me with maternity benefits. And I also know that my department doesn't have the money to provide me with maternity benefits.

Any money that goes to a student who is having a baby is taken away from someone else, right?

I think that it is worth thinking about.

Laura Nagel is a PhD student in Biology.

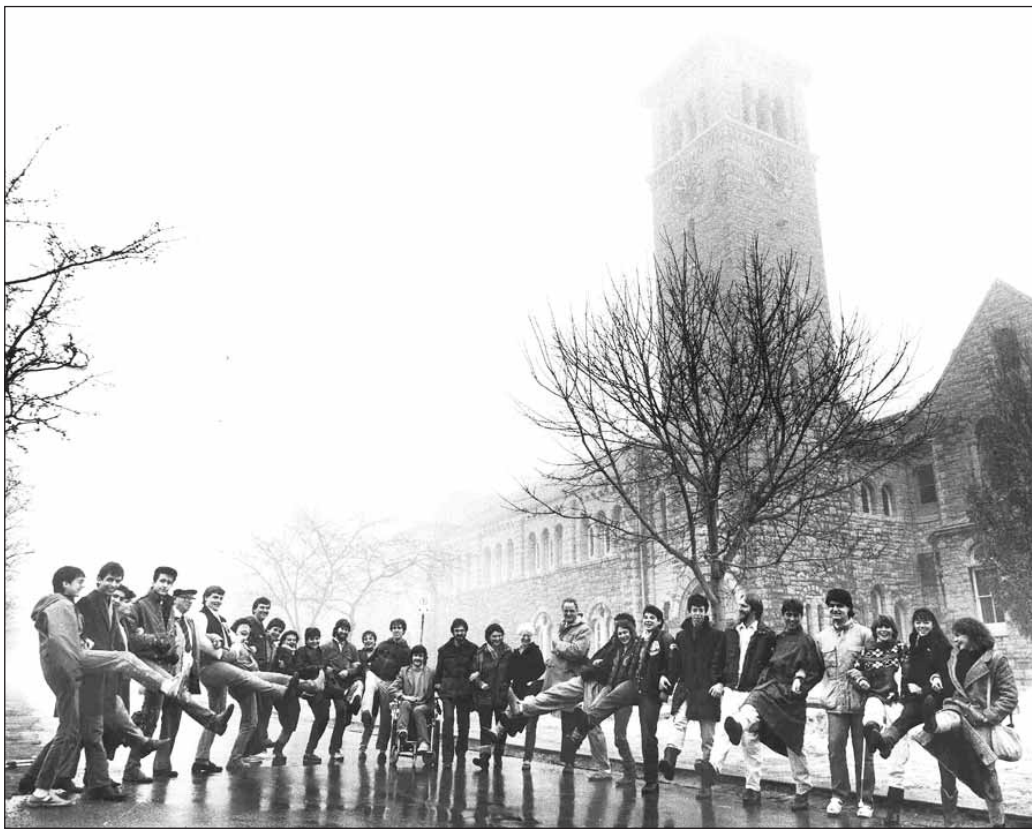
### Letters Policy

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

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

## QUEEN'S FLASHBACK: JANUARY, 1986



Terry Fox recipients brighten up a dreary winter day by performing an Oil Thigh on University Avenue in front of Grant Hall. Anyone with more details about this photo, taken by Lisa Lowry, is encouraged to email [gazette@post.queensu.ca](mailto:gazette@post.queensu.ca).

## Letter

### Queen's Centre concept: Bigger is not better

I attended the meeting held by the Queen's Centre Executive Committee on Jan. 17. In response to it I am writing this open letter: as Vice President of the Society for the Study of Architecture in Canada; as an architectural historian in the Department of Art who for 33 years has encouraged students to research historic Kingston buildings; as a former resident of 105 Clergy Street West and, not least of all, as the father of two Queen's graduates, both of whom engaged actively in sports activities while here.

I have three grave reservations about the current proposal for the John Deutsch University Centre and the indoor sports facilities to encroach upon the entire block from Clergy north as far as Earl Street.

First, I would like to point out that were the Queen's Centre to go ahead as planned it would require demolishing buildings that are architecturally important, singly and collectively. The university commissioned a study by Harold D. Kalman that concludes as much, and Queen's Archives treasures architectural drawings that relate to buildings in the area. It seems paradoxical to preserve the memory with one hand while destroying the

physical evidence with the other. Quite simply, any historic district in North America would be proud to claim the square block now under threat of demolition, especially the frontage along University Avenue. I know from personal experience that these buildings are solidly built, attractively designed, in relatively good repair, and contain fine period fittings.

### It seems paradoxical to preserve the memory with one hand while destroying the physical evidence with the other.

Second, as a Kingstonian, I am concerned about the negative message the proposed plan sends out to members of the community. Judging from the meeting I attended, local citizens are understandably up in arms about the consultation process, or lack thereof.

As for the students, in whose name this sacrilege would be committed, I have worked with them to raise awareness of their architectural surroundings since coming to teach at Queen's. Invariably I have found them to be fond of and sensitive to Kingston's historic built environment. What are they to think of

the obliteration of an entire city block? It would be like losing a revered old friend or mentor.

Third, let me mention the Queen's Spirit. As a Queen's parent, I know how outdated the present sports facilities have become. Yet, when I mentioned what is being planned to my son and daughter, for whom physical fitness continues to be important, they were horrified. In my daughter's words: "they are going to ruin the university's beautiful historic charm if they keep thinking bigger is better." Like physical exercise, human scale in our surroundings aids our health and wellbeing.

Queen's is on the brink of destroying irreplaceable heritage buildings that give our university quarter its distinctive character and harmonious place in the city, buildings that bring our alumni back year after year.

It is clear to me that Queen's does not have to sacrifice these buildings in order to upgrade its facilities. I am convinced that viable alternatives remain to be explored. At the very least an architectural consultant sensitive to heritage issues needs to be included in any design team, which is not the case at present. Much more discussion and consultation also needs to take place. I remain available if called upon to help in this process in any way that I can.

Pierre du Prey  
Professor  
Department of Art



The east side of University Avenue, looking south from Earl Street.

CELIA RUSSELL

# My journey to Queen's – with a disability

Last year, before coming to Kingston, I was a senior clinical family therapist with Wood's Homes in Lethbridge, Alta., providing family therapy services to children and their families deemed at-risk by child protection authorities and supervising the front-line work of 10 full-time social workers. I loved this job for two reasons: it challenged my therapeutic and supervisory skills and my colleagues, both within the agency and externally, knew how to work with me and my deafness. They knew what they needed to do to ensure communication with me was successful.

A change in family circumstances necessitated my leaving the job and Lethbridge. With much sadness and trepidation, I resigned, packed and moved across four provinces to Kingston. Of course, anyone who has been in a job they really like and working with a group of people they enjoy being around would appreciate how difficult this change can be.

In addition to leaving full-time, secure work, there is the challenge of relocating to another home and community. However, for someone with a disability who is about to become a job seeker again, leaving an established employment situation for the unknown is more than an adventure – it's generally frightening.

Along with the regular stuff that new job seekers need to do such as update the resume, practice writing cover letters, learn where to look for opportunities, the person with the disability is faced with decisions about disclos-



JEANETTE PARSONS

## Diversity

ing the disability in the application, gambling with asking for accommodations at an interview, trying to determine exactly what an organization means when it says "we welcome applications from people with disabilities," and always, always worrying if the hiring employer will be able to see beyond the disability to the skills, abilities and knowledge that the person can bring to the position.

In my job search, while I cast my net far and wide, considering a large range of positions, employment opportunities at Queen's were particularly attractive and I kept a close eye on the Human Resources website, applying for several positions. I even got an interview with the Cancer Research Institute! But the one that grabbed and maintained my interest was in the Office of the University Advisor on Equity – Program Coordinator. I admit that I put my heart and soul into that application. And, I can still recall with minute detail and all of the emotions, after two months of unemployment, two interviews, two papers and a presentation, what it was like to get the

call that Friday afternoon last November from University Equity Advisor, Mary Margaret Dauphinee, asking me to come and work at Queen's. The sense of accomplishment was on a par with the feeling of overwhelming relief that I, even with my deafness, have again become gainfully employed.

Since coming to Queen's last December, technical accommodations have been swiftly implemented. I have a flashing light to signal when my phone is ringing and there is a TTY (telephone system for people with hearing impairments) installed on my computer. I use an FM system for meetings and I use email wherever possible to communicate with colleagues. Far more importantly however, has been the welcoming atmosphere created by the people in my office and others that I work with around the University. Because of their determined efforts and behavioral changes, I often don't "feel" deaf!

With some of the barriers reduced or eliminated, I can focus my time and energy on the important things – improving accessibility for other people with disabilities at Queen's and supporting the university in achieving its employment equity goals. Knowing that I am working towards paving the way for other, highly qualified skilled people to join the Queen's community is gratifying. I'm fortunate to be able to say again that I love my job.

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

# The perils of PowerPoint

Like many faculty members, I use PowerPoint in my lectures. When I first began using it, I found that students appreciated the seductive elegance of its format and the ease with which it facilitated their note taking. I appreciated that it was a vast improvement over my overheads with their impenetrable handwriting.

At first, my relationship with PowerPoint was quite satisfying. Everything seemed to be going smoothly as they often do in the early part of a courtship. Lately, however, we've hit a bit of a rocky patch with me doubting the wisdom of continuing our relationship.

The first seed of doubt came at an international conference I attended last year in Britain. When one of the presenters apologized for not having a PowerPoint presentation, he was greeted with thunderous applause. At this gathering, to not use PowerPoint was seen as an act of defiance. Instead, what he did was have a conversation with his audience. It gave us a chance to recover from the wounds of bullets we endured from presentations past.

According to Microsoft, more than 250 million computers have PowerPoint and 30 million PowerPoint presentations are made every day. That is a strong indictment of how this little program has affected the way we communicate ideas in the university.

Teaching is an art. It not only requires a solid grasp of knowledge but an ability to communicate in ways that encourage our students to think.

My complaint with PowerPoint is that as teachers it transforms our thinking, how we organize our



JONATHAN ROSE

## Teaching Issues

material and ultimately how our students think. While PowerPoint is unrelentingly visual, teaching is most often verbal. Students learn about our subject matter not necessarily by rote memory of bullets but by the interplay of knowledge among text, professor and student.

Good teaching is about reasoning, explaining, questioning and constructing arguments. It's a journey. Rather than seeing learning as this complex process, PowerPoint reduces learning to the invisible logic of the bullet. Often during a lecture, I will recall something important that isn't in my presentation. I've noticed a trend that if it is not on a slide, apparently students will not think it is important. PowerPoint de-skills our students and primes them to see the presentation as authoritative and the lecture as an adjunct to it. Have we become an accessory to a computer program?

It is not surprising that PowerPoint might appeal to students. Its evocative visuals have the same grammar as a hyper-real video game: colourful slides fly in, fade out and dissolve, complete with sound effects. (Though

why anyone would want to accentuate a point with the sound of squealing tires, I will never know.)

PowerPoint is also an impoverished form of communication. As Edward Tufte writes in *The Cognitive Style of PowerPoint*, the amount of data that can be put on a slide is shockingly low. "The PP slide typically shows 40 words, which is about eight seconds-worth of silent reading material," he writes. Presentations made with PowerPoint are shaped by the demand of the software to limit the amount of words on a slide. But much of the teaching that goes on in a university is complex and requires detail to ensure clarity. Sometimes less is not more.

For better or worse, PowerPoint or some version of it will likely be around for some time. I am not suggesting a complete repudiation of it because it is not without its charms. If used as a road map of one's arguments or to enhance them through visual images, it can be a powerful pedagogical aid. In social sciences and humanities, PowerPoint can be useful to show video clips and I know in the sciences it is used effectively for animations.

Thinking about the use of PowerPoint in the classroom invites us to think about how we teach and how we conceive learning. I've learned that PowerPoint can be both a help as well as a hindrance. Perhaps my relationship with it is salvageable after all.

Jonathan Rose teaches in the Department of Political Studies and is a Learning Technology Faculty Associate.

## UNIVERSITY ROUNDUP



### Boards crack down on members' deals

Membership on college boards has its privileges, including access to powerful business interests. So what's a little business deal among friends? It's trouble, if the friends are college or college-foundation trustees who benefit personally from the decisions they make on behalf of the institutions they serve. For example, Auburn University has been placed on probation by its accreditor in part because of questions about its board members' ties to a bank overseen by a trustee. The University of Georgia Foundation's board was the object of criticism in December after reports that the foundation had done more than \$30-million in business with companies linked to 27 of its 55 trustees.

*The Chronicle of Higher Education,*  
Feb. 6

### Critiquing campus critters

Tired of the same old university rankings? Point your mouse to [www.gottshall.com/squirrels/campsq.htm](http://www.gottshall.com/squirrels/campsq.htm) and see how your campus stacks up in the squirrel-rating department. According to the website, the quality of an institution of higher learning can often be determined by the size, health and behavior of the squirrel population on campus. This site documents the critter quality at schools throughout the United States and beyond. Kansas State and Lehigh universities are among those scoring the coveted five-squirrel rating. California State University – Fullerton scored a negative squirrel, because of an alleged campus purge of the furry rodents.

*Your Higher Education Marketing Newsletter,*  
March 2

### Let corporations fund universities

A tax system that required businesses that benefit from universities to pay a larger share of the cost of post-secondary education would go a long way to improving the quality of education in Québec, CUPE says in a brief to a provincial government commission on education. Education is an essential part of citizenship, and corporations whose profits flow directly from their use of educated employees and university research should play their part in funding the system, the brief argues.

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

### Vegan fare a hit with students

Comfort food has taken a back seat to healthy fare, Waterloo residence staff has found. To meet the need of vegans, vegetarians and students who would like more variety in their diet, the university launched a pilot project at Mudie's Eatery in Village One. While their friends are chowing down fish and chips or cheddar perogies, Healthy Bites clientele can sample Lebanese vegetable stew, pasta primavera or a Portobello mushroom burger. Residence chef Marc Villeneuve is drafting a mission statement for the new service with an emphasis on fresh, good quality, local products, lower fat, nutrient-rich options and meat alternatives such as tofu and legumes.

*University of Waterloo Gazette,*  
Feb. 25

### Cities sink teeth into sacred cows

Facing big budget deficits and dwindling revenues in the wake of the worst economy in years, some U.S. cities have their eyes on a resource that has been largely off limits up to now: property-tax payments from local colleges. In Pittsburgh, the mayor is threatening to make Duquesne University pay taxes on a building it wants to buy and take off the city's tax rolls. In New Haven, Conn., the city council has passed a resolution demanding that Yale University pay the equivalent of the property taxes it would owe if it were a for-profit company. Colleges see their exemption as integral not only to their identities but also to their budgets – which, they argue, must remain healthy if the colleges are to keep contributing to local economies.

*The Chronicle of Higher Education,*  
Feb. 27

# A prescription for concern

HEALTH EXPERT CALLS FOR REVIEW OF PHARMACY PRACTICE

By NANCY DORRANCE

News and Media Services

Canadians have cause for concern about pharmacies' sale of their prescription information to pharmaceutical companies for marketing purposes, a new Queen's study shows. This practice, when done without the informed consent of patients, may contravene new Canadian privacy laws, the researchers say.

Their findings are published in the current edition of the Canadian Medical Association Journal.

Canada needs to set national standards for the release of patient and physician information from pharmacies, says Dick Zoutman (Pathology and Molecular Medicine, Community Health and Epidemiology), who heads the research team. "With regard to prescription data sales to third parties, we think this should only be allowed with the informed consent of the individuals whose information is to be sold."

Although individual names, addresses and phone numbers are removed, this doesn't necessarily protect individual privacy, he says.

In combination with other easily accessed databases, personal information can be re-matched with original records. An earlier study by U.S. researchers shows that when a sample database containing only birth date (year, month, and day) and sex is merged with a voting registry, 29 per cent of individuals can be identified. Identification rates jump to 69 per cent when general residential area (e.g. postal code) is disclosed.

"This is a matter of concern, and must be carefully examined by regulators in light of the new federal privacy legislation that came into effect on Jan. 1," says



STEPHEN WILD

Epidemiologist Dick Zoutman (left) and research associate Douglas Ford (Pathology and Molecular Medicine), collaborated with Assil Bassili (Pharmacology and Toxicology) on new study of patients' prescription records being sold to pharmaceutical companies.

Dr. Zoutman, who is also director of Infection Control Services at Kingston General Hospital.

Since flow of information about prescriptions crosses provincial and international borders, it falls under the Personal Information Protection and Electronics Documents Act (PIPEDA), introduced in 2002. This act applies to all personal information, including health information that is collected, used or disclosed during

commercial transactions.

As of Jan. 1, 2004, PIPEDA calls for informed consent for disclosures of personal information. This would require pharmacies to inform customers that their personal health information is sold to third parties.

Earlier research by Dr. Zoutman's team, which includes Douglas Ford (Pathology and Molecular Medicine) and Assil Bassili (Pharmacology and Toxicology), showed

that information about physicians prescribing medication was being sold to pharmaceutical companies without the doctors' consent. That study recommended that the Canadian Medical Association (CMA) "should ensure prescription data mining of Canadian physicians' prescribing information is conducted in accordance with the 1997 CMA guidelines."

The current study advocates a review of the issues associated

with confidentiality of personal health information – and especially prescription data sales – by Canadian companies. Government regulators, professional colleges, CMA, information technology and legal experts, and consumer advocacy groups should play major roles in the process.

"We recommend the first step be a PIPEDA ruling on the sales of patients' personal information from pharmacies," says Dr. Zoutman.

## Back to work sooner, and with less stress, after injury

NEW QUEEN'S/PCCC TREATMENT PROGRAM COMBINES PSYCHOLOGICAL AND PHYSICAL THERAPY

By NANCY DORRANCE  
News and Media Services

An innovative new approach to treating work-related low back injuries could save our health care system millions of dollars

per year and vastly improve the quality of lives for many Canadians suffering from pain-related disability, says researcher Dean Tripp (Psychology, Anesthesiology and Urology).

In a unique study now under way at Kingston's Providence Continuing Care Centre (PCCC), St. Mary's of the Lake Hospital, Dr. Tripp and his research team are incorporating cognitive-behavioural strategies – traditionally the domain of psychologists and social workers – into a treatment program delivered by physiotherapists.

A 2000 report on disability in Canada shows that provincial workers' compensation expenditures on wage loss benefits and health care services for occupational injury exceed \$6 billion annually.

Although data analysis is just beginning, initial feedback from the study has been very positive, the researchers report. Reports suggest that patients like the new approach, in part because it allows them to receive "coaching" on skills to manage the psychosocial barriers to their recovery.

"This program provides a new angle on a chronic and costly health problem," says Dr. Tripp. "We're excited about the possibilities for helping people with low back injuries not only return to work earlier, but also reduce the level of fear, stress, and family upheaval they might otherwise experience."

The new Cognitive-Behavioural Disability Management Program (CBDMP) attempts to counteract the fear-based concept of disability often developed by people suffering from lower back injuries. Instead, they are taught to "work with" their pain, maximize activity, and avoid psychological roadblocks in their recovery.

Research shows that approximately 60 per cent of people will return to their jobs within three

to four weeks of incurring a low back injury. By 12 weeks, approximately 80 per cent return to work. After 12 weeks, the rates of return to work drop significantly.

Until now, most treatment programs have focused on this last, "chronic" phase of pain, with mixed results, says Dr. Tripp. It is the middle, "sub-acute" phase that the new Queen's/PCCC program targets.

"We hope to prevent or slow down the number of people going into the chronic phase of pain by inserting the appropriate skill set to manage the mental aspects of recovery into the hands of physiotherapists," Dr. Tripp explains. These are the professionals who are already treating them on a regular basis for physical symptoms, he points out.

Because there is less stigma attached to physiotherapy than to mental health treatment, patients tend to be more receptive of this approach, says research team member Anne Symes, Manager of Rehabilitation Services at PCCC. "The cognitive behavioural work that physiotherapists are being trained to deliver is well within their scope," she adds. "They're dealing with issues like fear of re-injury and fear of movement, as it relates to their physical injury."

Physiotherapists on the team

refer to themselves as "mental coaches" whose role is to guide, support and encourage patients in their efforts to return to normal activity level. Much like gradually returning injured athletes to their sport, the physiotherapist can work with patients to build confidence in their abilities, restore strength, and build tolerance to meet their work demands.

Since rates of recovery are very similar for injuries such as whiplash and upper back pain, the team leaders believe this new approach may be equally successful in these areas. According to Dr. Tripp: "The potential impact of this study on other work-related injuries is tremendous."

Funded by the Workplace Safety Insurance Board (WSIB), the project will follow patients for one year following treatment. Participants are still being accepted into the study, if they have a physician's referral for an acute or sub-acute work-related, low back injury.

Co-investigators on the team are: Nomusa Mngoma (PCCC, Queen's), Joan Stevenson (Physical Education), Matt Faris (Physical Medicine and Rehabilitation) and Wilma Hopman (Community Health and Epidemiology). Four PCCC physiotherapists have been trained to implement the CBDMP program.



STEPHEN WILD

Researcher Dean Tripp (Psychology, Anesthesiology & Urology), foreground, leads the Queen's/PCCC team investigating a new treatment approach for low back injuries. Kristopher Riesling, in background, is one of four PCCC physiotherapists on the team.



# Cottage country conundrum

ALGAE THAT MAKE LAKE WATER TASTE, SMELL BAD ARE ON THE RISE, NEW STUDY SHOWS

By NANCY DORRANCE  
News and Media Services

Ninety per cent of the lakes surveyed in a new study of Ontario's cottage country north of Toronto have seen a significant rise in taste and odour-causing algae – most dramatically in the past 20 years, the researchers report.

One of the most frequent complaints voiced by cottagers to local officials is that water in their lakes periodically tastes or smells bad.

A common cause of such problems is the small, plant-like algae that thrive in some of these lakes. Although the frequency of taste and odour complaints seems to be growing steadily, it is unclear whether the problems themselves are increasing or if local users are more sensitized to these issues.

A study published in the current edition of the scientific journal *Freshwater Biology* examines sediment from 50 lake bottoms in the Muskoka-Haliburton region of Ontario. The results show taste and odour-causing algae have increased in 90 per cent of these lakes since the early 1800s, with a marked rise over the past two decades.

This phenomenon can't be blamed solely on local human impact, says team member John Smol, Canada Research Chair in Environmental Change and co-head of Queen's Paleoecological Environmental Assessment and

Research Laboratory (PEARL). "It's a complex of patterns, which we think involves some combination of acidic deposition and climate change."

"The timing indicates that these patterns are the result of

**This phenomenon can't be blamed solely on local human impact.**

John Smol

one or more human-caused stresses operating at a broad, regional scale," says lead investigator Andrew Paterson, a former doctoral student at Queen's. "We present new evidence suggesting that disturbances such as acid

rain and climatic warming may produce significant, unprecedented changes to the algae of inland lakes, with important implications for water quality."

Lake water that smells and tastes foul can be traced to a variety of sources, including chemical pollution and dead fish, but the most common cause is a group of algae called chrysophytes. These microscopic organisms produce scales and spines made of glass that are well preserved in lake sediment.

Through an analysis of sediment cores, the researchers were able to reconstruct the history of these lakes, and compare the distribution of chrysophyte algae over different time periods. Their study shows that substantial increase began in the 1930s-1950s, with the sharpest rise

over the past two decades.

"This is a classic example where environmental issues have been debated, and decisions made, based on very short-term data sets – typically two to three years," says Dr. Smol. "Yet most of the answers lie much further back in time. These sediment records are extremely valuable, because no one was measuring algae 80 or 100 years ago."

Also on the research team are biologists Brian Cumming (Queen's) and Roland Hall (University of Waterloo). Funding for the study was provided by an Ontario Graduate Scholarship program, the Ontario Ministry of the Environment, and the Natural Sciences and Engineering Research Council (NSERC). [biology.queensu.ca/~pearl/taste/index.html](http://biology.queensu.ca/~pearl/taste/index.html)



A cottage country lake in the Canadian Shield.

MINISTRY OF THE ENVIRONMENT

## IN BRIEF

### Bird biologist wins top award

A Queen's biologist who specializes in population and behavioural ecology of birds is the 2003 winner of the Society of Canadian Ornithologists' most prestigious award. Raleigh Robertson, the Baillie Family Chair in Conservation Biology, recently received the Society's Doris Huestis Speirs Award for his outstanding contributions to ornithology in Canada.

Since becoming director of Queen's University Biological Station in 1972, Dr. Robertson has expanded the facilities to make it a world class centre for teaching and field studies. Central to that expansion has been the acquisition of extensive land holdings which protect important wildlife habitat while providing sites for ornithological and other field research.

Dr. Robertson is the author of more than 150 scientific papers on subjects ranging from optimal niche space in blackbirds to allocation of parental care, and from sexual selection to the evolution of clutch size. Most recently, he has supervised projects on ecology and behaviour of the rare Cerulean Warbler, and habitat relationships of passerines in agro-forestry areas in Mexico.

### Input needed on SSHRC changes

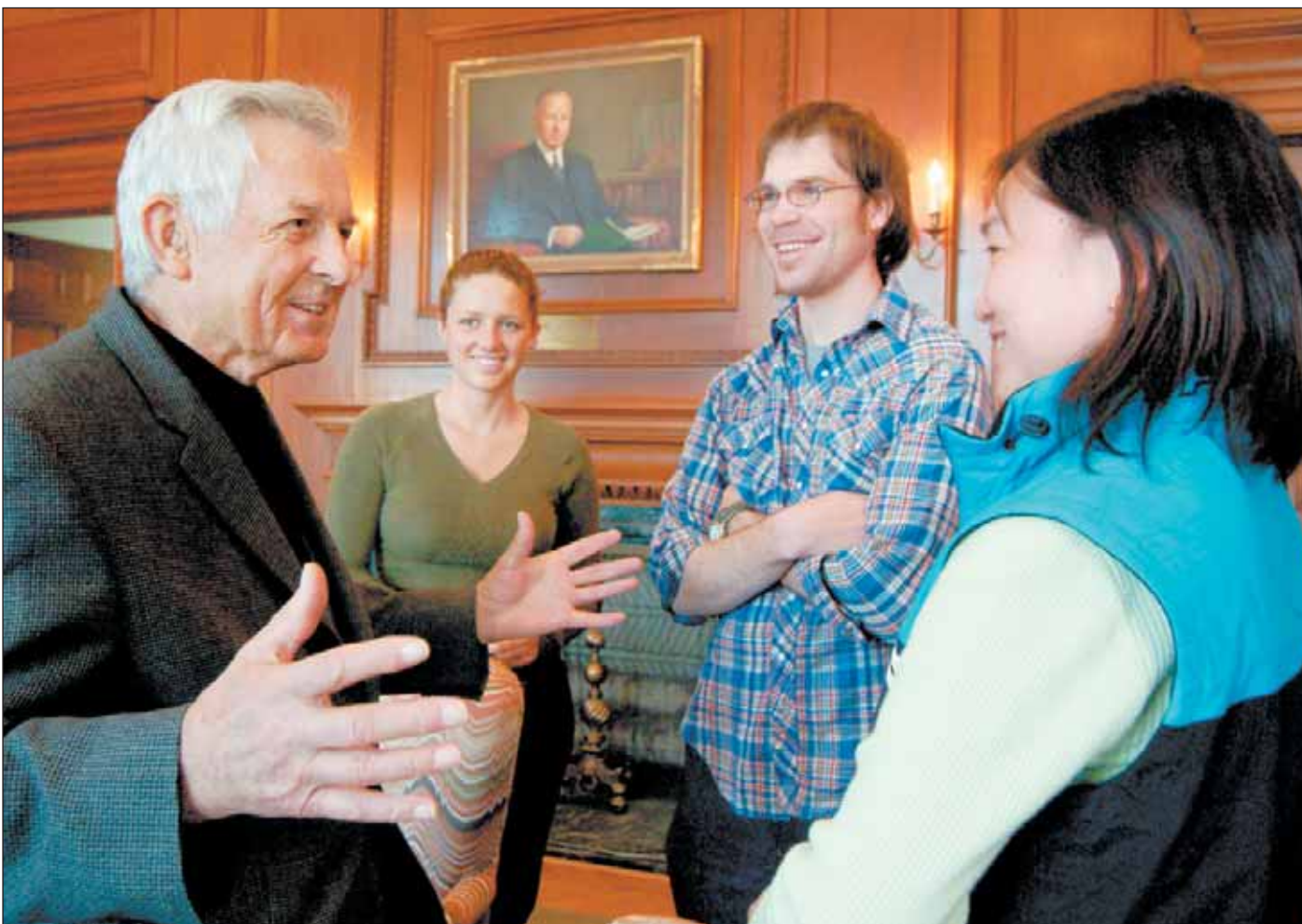
To find out how best to support today's researchers and meet Canadians' need for knowledge, the Social Sciences and Humanities Research Council (SSHRC) is launching a nation-wide consultation, in partnership with universities, colleges, scholarly associations and other stakeholders. To contribute to the Queen's response, all university community members are invited to share their views at town-hall meetings in on Tuesday, March 16 (1 - 3:30 pm) and Wednesday, March 17 (6 - 8 pm) in room 202 Policy Studies building.

Submissions can also be emailed to John Osborne of the Queen's advisory committee at [osbornej@post.queensu.ca](mailto:osbornej@post.queensu.ca) and posted to the SSHRC discussion forum on the Office of Research Services website at [www.queensu.ca/vpr/sshrc-re/](http://www.queensu.ca/vpr/sshrc-re/).

For more, see the SSHRC website, [www.sshrc.ca](http://www.sshrc.ca) and the Feb. 23 *Gazette* article (Human Sciences: a new frontier, page 1).

These Discovery@Queen's pages highlighting Queen's research news and developments are electronically distributed to our major research funding agencies and others who request them.

## FUEL FOR THOUGHT



STEPHEN WILD

A pioneer of the fuel cell industry, Geoffrey Ballard (Sc '56, DSc '99) chats with mechanical engineering graduate students (left to right) Annesley Hatton, Chris Caners, and Lan Sun during a recent visit to the university. Dr. Ballard, who is currently chair of Vancouver-based General Hydrogen Corporation, returned to his alma mater to spend a week on campus as an Engineer in Residence. As well as meeting with students, faculty, and community members involved in alternative energy, he delivered two public lectures on the new "hydricity" economy combining hydrogen fuel sources with electricity.

**NEWS  
and MEDIA  
SERVICES**

To inform News and Media Services 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.

## IN BRIEF

Novel launch  
for law prof

The Canadian launch of *The End*, a novel by law professor Art Cockfield, takes place at Indigo Books, 259 Princess St. on Thursday, March 11 at 7 pm. Environmental thriller *The End* brings to life Richard Nostrol's apocalyptic theory of an earth-consuming inferno triggered by global warming. Believing in Nostrol's theory, a San Francisco billionaire constructs The Ecosphere, a self-contained underground complex where the last hope of humanity might survive. With doomsday approaching, agencies within the U.S. government attempt to take over this refuge before time runs out.

Prof. Cockfield will read from his book and sign copies. [theendthenovel.com](http://theendthenovel.com)

Boning up  
on the brain

Some Grade 6 students are invited to learn more about gray matter as the Centre for Neuroscience Studies at Queen's celebrates Brain Awareness Week. On Wednesday, March 24, students from Polson Park, Lancaster Drive and John XXIII elementary schools will participate in hands-on activities to demonstrate the importance and many functions of their brain. Neuroscience faculty will open their laboratories to small groups supervised by staff and trainees where they will participate in experiments, games and activities designed around developing an understanding of brain function. Students will work with robotics and model brains to get a glimpse into how neuroscientists work to understand what happens in injured and diseased brains.

Student groups will participate in a poster contest in the Biosciences Atrium. Judges will be Principal Bill Leggett and Associate Vice-Principal (Research) Bruce Hutchinson.

For details, contact Kelly Moore, 533-6000, ext. 78285, [kmm@post.queensu.ca](mailto:kmm@post.queensu.ca).

College honours Rick Boswell  
for contributions to technology

Rick Boswell poses in front of the rubble of the Frost Wing at the rear of Gordon Hall, the former chemistry building. He does not seem sorry to see it go.

DEPARTMENT OF CHEMISTRY

By KAY LANGMUIR

Rick Boswell, the manager at ground zero of the celebrated Chernoff Hall project, has earned another career honour.

St. Lawrence College, from which Mr. Boswell graduated in 1986, recently chose him as one of their best examples of a successful graduate - the college's nominee in the technology category of the Premier's Awards.

The fact that Mr. Boswell didn't take home the overall provincial award during a recent ceremony at St. Lawrence College is a mere footnote to his colleagues at Queen's. Mr. Boswell's talent, skills and stamina in guiding and influencing the Chernoff Hall project over seven years have helped bring international recognition to the university.

The state-of-the-art facility has been hailed as one of the best of its kind in North America. A number of Mr. Boswell's innovative designs also helped the new chemistry building win a "Lab of the Year" award from R & D magazine.

"It's very nice to be recognized for a job well done," says Mr. Boswell. "It's also very humbling and expectation-raising as well."

"I'm extremely proud that St. Lawrence nominated me. I'm also very pleased to work at Queen's where I can flourish with the skill set provided by a college education."

His innovations include development of a safer, more efficient fume hood technology that is expected to become the standard in new lab construction in North America. His novel techniques for installing lab vacuums also help limit the flushing of toxic materials into the water system and improve energy efficiency. And his expertise in lab design has made him a sought-after speaker and consultant throughout North America.

He was awarded a Staff Recognition Award by the university in 1999, and a second appreciation award during the 2002

opening ceremony for the new chemistry building Chernoff Hall. At that time, Principal Bill Leggett remarked that the building could easily have been named the "The Rick Boswell Building".

Mr. Boswell, who has managed the chemistry department since 1996, started out at Queen's in 1988 as an electronics technologist repairing, maintaining and customizing sophisticated lab instruments.

In 1991, he added a Bachelor of Science degree in mathematics to his resume.

Today, he is responsible for a multi-million dollar budget, staff and facilities management, and safety. He also serves as an adjunct lecturer in the department, teaching an advanced course in lab safety for graduate students.

"I provide all of the infrastructure that enables the researchers to research and the students to learn," he says in explaining his job. "I make sure that our staff are at the right place at the right time, and that the right materials are at the right place at the right time."

Mr. Boswell's community volunteer work was also cited as a reason for his nomination. He is a former Kinsman of the Year award winner and has served on the board of directors of the Canadian Hearing Society.

"For me, Chernoff Hall was the accumulation of all my skills for trouble shooting and a lot of what I learned in college I could use. Even skills I learned in volunteer work I was able to use," he says, adding that musicals he produced for the Kinsmen helped him with the enormous organizational challenges of the Chernoff project.

By honoring the province's best college graduates, the annual awards recognize the significant social and economic contributions that graduates of the Ontario college system make through the province and around the world.

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# Securing your computer in the age of information

As people continue to rely on computers and the Internet, the ideas of "information security" and "computer security" become increasingly important. Information Technology Services (ITServices) has been taking steps to ensure that the university's user community is better educated and protected when it comes to using computers and the Internet.



BY ITSERVICES STAFF

## Plugged In

ITServices held its first workshop Feb. 18 on Secure Computing @ Queen's. This workshop covered such topics as secure communications, anti-virus and spy-ware removal software, personal firewalls and software updating procedures.

ITServices held its first workshop Feb. 18 on Secure Computing @ Queen's. This workshop covered such topics as secure communications, anti-virus and spy-ware removal software, personal firewalls and software updating procedures. In terms of secure communications, the ideas of using Secure Shell (SSH) and Secure Copy (SCP) are discussed as alternatives to using Telnet and FTP. Telnet and FTP pass information "in the clear" (freely viewable while in transit). Passing information "in the clear" isn't a big problem when using computers that are on the university's network. However, if you are accessing university services from home or dealing with sensitive information then it is important to know about other options. The current Packman distribution allows the download of a package called Tera Term Pro. It allows users to connect to hosts on the network, including the student Internet service (QLink), the faculty and staff Internet service (Post), and departmental servers such as QSilver.

The difference between Tera Term Pro and regular Telnet is that

Tera Term Pro also supports the use of SSH so that your communications can be encrypted. One alternative to using Tera Term Pro is to use a program called PuTTY. PuTTY is a free implementation of Telnet and SSH for Windows and Unix platforms. You can download PuTTY at [www.chiark.greenend.org.uk/~sgtatham/putty/download.html](http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html).

Using something like PuTTY or Tera Term Pro is only half the battle, another key area that can help with secure communications is the use of what is called a "personal firewall". A personal firewall is a very useful tool as it gives a user control over a problem and is being exploited or if people are trying to attack your computer you can be aware and put a stop to it.

Windows XP comes with a built in personal firewall (make sure you update it with Service Pack 2). For those people that are not using Windows XP, (or want to try something different) then two good alternatives are products called Zone Alarm and Norton Personal

Firewall. These products can be downloaded at [www.zonelabs.com/](http://www.zonelabs.com/) and [www.symantec.com/sabu/nis/npf/](http://www.symantec.com/sabu/nis/npf/) respectively.

Another major topic these days is the notion of "viruses" or "spy-ware". "Viruses" can be thought of as hidden programs that attack your computer or use your computer for inappropriate activity e.g. to send unsolicited e-mail (known as Spam), or host and distribute illegal files (known as WareZ). Spy ware, on the other hand, reports statistics about your computer i.e. what web sites you visit and how often and many times these same spy-ware packages also contain "pop-up" advertisements that keep being displayed on your computer. There are software packages available to deal with viruses and spy ware. Symantec AntiVirus with Live Update is available through Packman. LavaSoft's Ad-Aware spy-ware detection and removal system is available from [www.lavasoftusa.com](http://www.lavasoftusa.com)

As the importance of information security grows, so does ITServices' commitment to the members of the university community. If you or anyone in your department would like to talk about your information security needs, please contact ITServices (533-6666 or [itsupport@post.queensu.ca](mailto:itsupport@post.queensu.ca)).

Mark Staveley is a scientific computing specialist with the High Performance Computing Virtual Laboratory - HPCVL and an adjunct lecturer in both the School of Computing and Department of Electrical and Computer Engineering.

## IN BRIEF

### Exploring racial attitudes

Psychologist Russell Fazio of Ohio State University will speak on The Influence of Automatically-activated Racial Attitudes on Race-related Judgments and Behaviour, this Friday, March 12 at 3:30 pm in room 1103 Biosciences Complex.

Dr. Fazio's visit is part of the Psychology department's Distinguished Lecturer Series.

### Come out to reelout

Kingston's fifth-annual queer film and video festival, reelout, takes place this week. Highlights include the opening film, *Radical Harmonies* Wednesday, March 10 at 7 pm in Etherington Hall Auditorium, 94 Stuart St. It chronicles the evolution of the women's music scene through archival material, in-depth interview and vibrant performance footage. A special music performance precedes the show.

On Saturday, March 13 at 2 pm, a free educational screening of *Apples and Oranges: Homophobia and Bullying* takes place at the Kingston Frontenac Public Library. The film is geared to eight-to-12-year olds.

For ticket information and details, see [www.reelout.com](http://www.reelout.com), email [festival@reelout.com](mailto:festival@reelout.com) or call Tracey Taylor at 533-3189.

### Cape Town scholar to visit Queen's

Nicky Padayachee, Dean of the Faculty of Health Sciences at the University of Cape Town, South Africa will meet with faculty from across the university community during the week of March 22.

On Wednesday, March 24 at 5 pm, Dr. Padayachee will present a public lecture entitled The Challenge of Anti-Retroviral Rollout in South Africa in Etherington Hall Auditorium.

Dr. Padayachee's visit is hosted by Samuel Ludwin, Asso-

ciate Dean (Research) for the Faculty of Health Sciences and Vice President (Research Development) at Kingston General Hospital. It is funded by the Principal's Development Fund-International Visitors Program [www.uct.ac.za](http://www.uct.ac.za)

### Cross-border relations

Louis Ranger, deputy minister, Transport Canada will speak on Managing Canada - U.S. Relations this Thursday, March 11 at noon in room 202 Policy Studies. All are welcome and refreshments will be served. Mr. Ranger's talk is part of the School of Policy Studies Brown Bag Lunch series.

### Celebrating women's creativity

Through Her Eyes: A Celebration of Women's Creativity takes place Saturday, March 20 at the Grad Club, 162 Barrie St. It features a silent auction of artwork by women and an all-female concert featuring Madviolet with Alicia Glenn. Doors open at 7:30 pm, with a suggested admission price of \$5. All proceeds will go to support Kingston Interval House Women's Shelter, Dawn House Women's Shelter and Sexual Assault Centre Kingston.

The event is presented by The Women's Empowerment Committee (WEC) of the Arts and Science Undergraduate Society in conjunction with Queen's Entertainment Agency. [wec@asus.queensu.ca](mailto:wec@asus.queensu.ca) [www.madviolet.com](http://www.madviolet.com)

**NEWS and MEDIA SERVICES**

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

## Visiting artist explores shifting identities

West-coast artist Jin-me Yoon will give a public slide presentation of her work this Tuesday, March 9 at 4 pm in room 1103 Biosciences Complex.

For more than a decade, Jin-me Yoon's work has explored the mechanisms and functions of the socio-historical construction of shifting identities. Her work questions the hyphenated and hybrid spaces that people

experience through immigration, globalized migrancy and travel.

She holds a BA from the University of British Columbia, a BFA from the Emily Carr College of Art and Design, and obtained an MFA at Concordia University. She has exhibited in major shows at the National Gallery of Canada, the Art Gallery of Ontario, the Agnes

Etherington Art Centre and in major galleries in the United States and Asia. She teaches at the School of Contemporary Arts at Simon Fraser University in Vancouver, BC. Her visit is supported by the Canada Council for the Arts. For more information please contact Ted Rettig, Visiting Artist Coordinator, (613) 533-6000, ext: 77338, email [rettig@post.queensu.ca](mailto:rettig@post.queensu.ca).

### Top tips at your disposal

- Recycle toner cartridges, ink jet and laser jet cartridges by sending them via campus mail to Carol MacAdams, Printing Services.
- Free used furniture can be obtained for your department by contacting Patti George, Purchasing Services, ext. 74233.
- Each department must arrange for the destruction of its own confidential documents. Most companies providing this service recycle the waste. For more information, call Fran Lanovaz, Purchasing Services, ext. 32209.
- For disposal of hazardous materials (paint, photocopier solvents, oil, batteries, chemicals and radioactive material) call Tom Martinek, Environmental Health and Safety, ext. 74976.
- Got a small truckload of paper material to dispose of? Call Rebecca Spaulding, Physical Plant Services, ext. 75059. A week's notice is required.
- ONLY paper goes in blue boxes. Take cans, glass and plastic to recycling containers in lunchrooms and public areas.
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### RESEARCH STUDY ON THE EFFECT OF TAKING GLUCOSAMINE SULFATE ON BLOOD SUGAR CONTROL AND INSULIN RESISTANCE.

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#### Overview

You may be eligible to participate in a two week research study to examine the effects of taking glucosamine sulfate on blood sugar levels and/or the action of insulin. Two groups of subjects are needed, including those with Type 2 diabetes and those without diabetes. Glucosamine sulfate is a dietary supplement commonly used to treat the pain and stiffness resulting from osteoarthritis. The research literature is unclear on whether orally administered glucosamine sulfate can have the possible effect of temporarily affecting blood sugar control. Dr. TE. Towheed and Dr. RW Hudson are the Principal Investigators for this Queen's study, which is looking for male and female subjects.



#### Further Information

For further information or to be assessed for eligibility into the study, contact Nicole Florent, Study Coordinator, Queen's University, Etherington Hall, 613. 533.6000, Ext. 77947 or email [8nfp@qlink.queensu.ca](mailto:8nfp@qlink.queensu.ca)

## Political advertising, post-secondary issues and corporate management in the news

### QUEEN'S IN THE NEWS

Highlights of Queen's experts in the media

#### February 18-March 2

**Douglas Reid** (Business) comments in *The Globe and Mail* and *Calgary Herald* about the controversy over gate assignment at the new terminal at Toronto's Pearson International Airport.

**Ken Wong** (Business) comments in *The Globe and Mail* about the NDP's recent move to buy TV ad airtime during the recent Academy Award broadcast. He also comments in *Strategy* magazine about fast food suppliers marketing low carbohydrate diets in North America.



Harvison Young

**Alison Harvison Young** (Law) comments extensively in a *Globe and Mail* story about the plan by the Law Society of Upper Canada to replace the

current bar admission course with a new process for qualifying lawyers.

**Doug Bland** (Defense Management Studies) comments in a *National Post* story about who should be involved in Parliament's decisions to deploy Canadian soldiers. He also comments in an *Ottawa Citizen* story about military criticism that Prime Minister Paul Martin's much vaunted policy review of Canadian Forces is a bureaucratic whitewash.



Barling

**Julian Barling** (Business) discusses in *The Globe and Mail* how workers cope with uncertainty and betrayal when their organization is rocked by scandal.

**Ross Finnie** (Policy Studies) receives extensive coverage including the *Ottawa Citizen*, *The Windsor Star*, *The Leader-Post* (Regina), *The Edmonton Journal* and *Times Colonist* (Victoria) on his reactions to a proposed increase in student loan limits.

**Ned Franks** (Political Studies) comments in the *Ottawa Citizen*, *Edmonton Journal* and *The Leader-Post* (Regina) about the sponsorship scandal and the federal government's plan to craft a new model for ministerial responsibility.



Aiken

**Sharyn Aiken** (Law) discusses in the *Ottawa Citizen* and *The Kingston Whig-Standard* a U.S. Congressional report that says Canadian immigration and legal systems make it easier for our country to be a staging base for terrorism.



Ross

**Robert Ross's** (Physical Health and Education) expertise in childhood obesity is highlighted in the *London Free Press*, *The Guardian* (Char-

lottetown), *The Sudbury Star* and *The Edmonton Sun*.



Wong

**Ken Wong** (Business) discusses in the most recent *Maclean's* a new marketing campaign for GM Oldsmobile.

**Michael Kawaja** (Anatomy and Cell Biology) is interviewed on *CKWS TV* about his research into a new approach for treatment of spinal cord injury.



Gilbert

**Robert Gilbert** (Geography) comments in a *Kingston Whig-Standard* story on an unexplained hole in 18 inches of ice on a lake north of Kingston.

The most recent issue of *University Affairs* features **Guy Narbonne's** (Geological Sciences and Geological Engineering) discovery of the remains of the world's first animals.



Lindsay

**Rod Lindsay** (Psychology) participates in a *CBC TV News and Current Affairs* discussion about eyewitness testimony.

**Michael Cummings** (Classics) is interviewed on *CBC Radio's Ontario Today* show (Ottawa), *CKWS TV* and *FLY FM* radio about his work examining ancient attitudes towards love, sex and romance.

**Bev Lapham** (Economics) is interviewed on *CBC radio* about the history of U.S.-Canada cross-border shopping.

**Gregor Smith** (Economics) discusses on *CBC Radio's Ontario Morning* show the comparative value of the Canadian dollar in Canada and in the U.S.



Wilson

**Robert Wilson** (Education) is interviewed on *CBC Radio's This Morning Sounds Like Canada* show about the grade 10 literacy test in Ontario.

### HANGING HOUSES



CELIA RUSSELL

Graham Lister's paintings of Queen's student housing brighten a corner of an art display recently in the John Deutsch University Centre. The exhibition was part of Exposure, an arts festival featuring dance, art and drama by Queen's community members.

## Looking for a copy of the latest *Queen's Gazette*? Here's where to find one.

- Kingston Hall
- Campus Bookstore, Clark Hall
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- Craine Building, Room 212
- Miller Hall, Bruce Wing (entrance off campus road)
- Humphrey Hall (main lobby)
- Dupuis Hall
- Goodwin Hall
- Walter Light Hall
- Macgillivray Brown Hall, 218
- Barrie St. - Career Services
- Queens Grad Club, 162 Barrie St.
- Four Directions Aboriginal Student Centre, 146 Barrie St.
- Biosciences Complex
- Abramsky Hall
- School of Nursing, Catarauqui Building, Barrie St.
- Psychiatry, 72 Barrie St.
- Louise D. Acton Building
- Botterell Hall
- Etherington Hall
- McLaughlin Hall
- La Salle Building (146 Stuart St) - Student Health
- University Club (main entrance)
- Stirling Hall
- Rideau Building
- Chernoff Hall
- School of English, 96 Lower Albert St.
- Victoria Hall
- Watson Hall
- Harrison-LeCaine Hall
- Ban Righ Centre, 32 Queens Cres.
- Agnes Etherington Art Centre
- Jeffery Hall
- Mackintosh-Corry Hall, (foyer by cafeteria and foyer by bank machines)
- Ellis Hall
- Richardson Hall
- Pathology, Richardson Labs
- Dunning Hall (auditorium entrance)
- Douglas Library
- Nicol Hall
- Phys. Ed. Centre
- JDUC (Union St. entrance, upper lobby-by visitor and info. centre)
- JDUC (lower level outside sidewalk café)
- Apartments and Housing, 169 University Ave.
- Stauffer Library
- School of Business, Goodes Hall
- Macdonald Hall
- Policy Studies Bldg.
- St. Mary's of the Lake Hospital
- West Campus: Faculty of Education
- West Campus: Jean Royce Hall

Copies are also available in the Department of Marketing and Communications, 107 Fleming Hall (Stewart-Pollock Wing)

## Time for people to face meat-eating issues

Recent news about pollutants and disease entering the food chain through beef and salmon stocks have fueled an ongoing controversy about the virtues of a vegetarian lifestyle. To help us understand more clearly the broad range of cultural, historical and philosophical issues that contribute to such a choice, the Queen's Gazette posed the following questions to Philosophy Professor Michael Allen Fox, author of 'Deep Vegetarianism', a book that addresses the philosophical aspects of vegetarianism.

**G: What are some of the reasons that we are still mainly a meat-eating society?**

**MF:** Any society such as ours, that features a meat economy in its food sector, has an obvious vested interest in preserving and enhancing that economic base. A decline in meat-eating or the abandonment of a meat-centered diet by a great many people would mean a corresponding decline in meat production, loss of income and jobs for those in the meat industry, and would negatively affect other, dependent industries (leather goods, for example). As well, meat – provided it is lean, free of toxins, chemical and biological additives, free of disease pathogens, etc. – yields good nutrition. Meat also helps mark important occasions, such as major religious observances. It has a lot of symbolic meanings that are difficult for some people to move beyond.

**G: What are some of the arguments against eating meat?**

**MF:** A meat-eating society tolerates the suffering and killing of animals on a scale that is massive and incomprehensible. In *The Lives of Animals*, Nobel Prize-winning author J.M. Coetzee makes the following general observation about how as a society we use/abuse animals: "ours

is an enterprise without end, self-regenerating, bringing rabbits, rats, poultry, livestock ceaselessly into the world for the purpose of killing them." When we step back from this phenomenon, we can only be astonished and appalled at it, I think. And I would argue that no society in which violence of this order predominates can call itself a just one. Of course there would be serious implications of a shift to a vegetarian economy; but justice is expensive, however you look at it. Historically, there were those who argued against the abolition of slavery and women's rights on economic grounds. Fortunately for all of us, their voices did not prevail.

**G: How do you think the recent mad cow and salmon stock contaminant scares will affect people's thinking about diet and lifestyle?**

**MF:** Probably not as much as they should. By that I mean that these recurrent problems (we can add Legionnaire's disease, salmonella, *E. coli* contamination in Walkerton, the recent bird flu contagion, and many others) are all linked to the production and consumption of animals, and it's time people asked themselves if the risk is worth it. The writing is on the wall that meat supplies cannot be assumed to be either safe or healthy.

**G: What are some of the reasons today that people choose not to eat meat?**

**MF:** In my book, I discuss 10 arguments in favour of vegetarianism (and 11 arguments against it). I will concentrate on just a few. Most people recognize health as a primary concern of vegetarians. Many authoritative sources, from Canada's Food Guide to the alternative Healthy Eating Pyramid (*Discover* maga-



MICHAEL ALLEN FOX  
Q&A

zine, February 2004), now recognize the need to reduce dietary reliance on meat. But as one can also determine by visiting any good-quality bookstore, there is ample evidence that a vegetarian diet is a perfectly adequate, if not healthier, alternative to traditional ones. Second, a vegetarian diet requires far less land use and creates less damage to the land (including erosion and pollution) than a diet centered on meat. Third, deriving our nutrition from plants is (or could be) far more energy and resource efficient, by almost any measure you can think of, consumption of fossil fuels and water in particular. In addition, producing meat is a very wasteful way of obtaining nutrients. More than 30 years ago, Frances Moore Lappé showed, in the first edition of *Diet for a Small Planet*, that livestock are "protein factories in reverse." Cattle are the worst of these, with sixteen units of grains and soybeans (by weight) consumed for every one unit yielded. Not only that, but the percentage of usable protein in some plants (broccoli, mushrooms, lentils, and soybeans, for example) is equal or nearly equal to that of meat, while spinach has a higher level of protein than meat. Fourth, many believe the cruelty and death we cause to animals in the food industry are morally wrong and also

totally contradict the kinship that connects us with other species and the imperative to be caring and compassionate toward sentient creatures. Not eating meat is the single most effective action an individual can take in order to reduce the amount of animal suffering and death in our society.

**G: How do the eating habits of North Americans affect the rest of the world?**

**MF:** If we view the food supply from a global perspective, we find that the eating habits most North Americans prefer actually impoverish the rest of the world. Ninety-five per cent of oats and 80 per cent of corn harvested here becomes feed for livestock. Given the critical level of world hunger today, this seems an absolutely criminal squandering of food supplies.

**I expect the concern for animals to grow as science reveals more and more about their remarkable capacities.**

**G: What is the relationship between dietary choices and lifestyle?**

**MF:** This is a complex matter because of the multiple cultural and personal meanings of food, and the many kinds of lifestyle there are. However, dietary choices, assuming they are freely made and not, say, medically required, are very expressive of who we are and what we stand for. I have described "the vegetarian conscience" in my book as an outlook which sees humans

as part of nature and respects the earth; emphasizes dependencies between humans and non-humans; recognizes the need for sustainable food production and equitable food distribution; and acknowledges that we must take responsibility for our choice of diet. Vegetarianism, thus understood, is a commitment to a lifestyle that minimizes one's impact on the planet.

**G: How do common stereotypes associated with vegetarianism affect people's choices to adopt this lifestyle?**

**MF:** There are still many who see it as eccentric, unmasculine, a fad, and so forth. But, as John Stuart Mill pointed out, progressive ideas always go through three stages: being ignored, then ridiculed, and finally accepted. Vegetarianism is somewhere between the second and third stages in our current society. It's worth noting that there are a few billion vegetarians and near-vegetarians in the world already.

**G: Do today's vegetarians tend to be more motivated by health concerns or ethical concerns about animals?**

**MF:** I'd say it's about 50-50. But few vegetarians are only concerned with one of these.

**G: Do you think this will hold true for the future?**

**MF:** I expect the concern for animals to grow as science reveals more and more about their remarkable capacities. We will eventually have to face restructuring our moral community so as to include them. But we will also witness a crisis in food production because the North American eating style, which is spreading to other parts of the world, is not sustainable either here or globally.

## CAREERS

### Faculty Appointments

James Carson appointed Acting Associate Dean (Studies)  
Principal William Leggett announces that James Carson has been appointed Acting Associate Dean (Studies) in Arts and Science for the period July 1, 2004 to June 30, 2005. Dr. Carson holds a BA (Hon) from the University of North Carolina, Chapel Hill, an MA from Tulane University and a PhD from the University of Kentucky. He came to Queen's in 1996 as an assistant professor in History and was promoted to associate professor in 2002. Dr. Carson's research interests include nineteenth-century United States history and creole cultures of the Americas. He has published seven journal articles and seven chapters in books and one book, *Searching for the Bright Path: The Mississippi Choctaws from Prehistory to Removal* (Lincoln: University of Nebraska Press, 1999). Dr. Carson has served on numerous Senate and faculty committees at Queen's including Campus Planning and Development, Arts and Science Curriculum Committee, was past Graduate Chair of History, and is currently vice-chair of the Programming Committee for the Queen's Centre.

Dr. Vernon Quinsey appointed head of Psychology  
Principal William Leggett announces that Vernon Quinsey has been appointed head of Psychology for a five-year term beginning July 1, 2004. Dr. Quinsey holds a BSc from the University of North Dakota, and MSc and PhD from the University of Massachusetts at Amherst. Between 1976 and 1988 he was Director of Research at the Mental Health Centre, Penetanguishene, Ontario. He taught at Smith College, Dalhousie University, Concordia University and the University of Toronto before coming to Queen's in 1988 as a professor and Queen's National Scholar in Psychology. He is also cross-appointed to Biology and Psychiatry. Dr. Quinsey's research focuses on applied issues in the prediction and management of antisocial and theoretical issues in the etiology of anomalous sexual preferences and life-course persistent antisociality. He has written 140 papers and book chapters, and co-authored seven books, most recently *Juvenile Delinquency: Understanding the origins of individual differences* (published by the American Psychological Association in 2004). Dr. Quinsey has chaired research

review panels of the Ontario Mental Health Foundation and the National Institute of Mental Health. He has served on several departmental, faculty and university committees, most recently the University Senate. In making this announcement, Principal Leggett expresses his appreciation for the leadership provided by Merlin Donald during his two years of service as head of Psychology.

Dr. Rob Beamish appointed head of Sociology  
Principal William Leggett announces that Rob Beamish has been appointed head of Sociology for a five-year term commencing July 1, 2004. Dr. Beamish holds BA(Psychology)/BPHE, BED and MA (Sociology) degrees from Queen's, and a PhD in Sociology from the University of Toronto. He came to Queen's in 1984 as a lecturer with joint appointments to the Sociology and Physical and Health Education. He was promoted to assistant professor in 1986 and to associate professor in 1988. In 1989 and 1991 he was a visiting professor at the Institut für Sportwissenschaft in Berlin. Dr. Beamish's research interests are centred in the sociology of sport and classical social theory. He has published over 50 papers and two books and is currently completing a

manuscript with Ian Ritchie entitled *Neglected Issues in 'The Steroid Question'*. Dr. Beamish has served as Associate Editor of the *International Review for the Sociology of Sport*, with the Canadian Olympic Association in a number of research and educational capacities, been a consultant for Sport Canada and taught at the International Olympic Committee's Olympic Academy. He has served on numerous committees at Queen's, was acting director of the School of Physical and Health Education in 1993, and served as Associate Dean (Studies) in the Faculty of Arts and Science from 1995 until 2001. In making this announcement, Principal Leggett expresses his appreciation for the outstanding leadership provided by Roberta Hamilton during her three and one-half years as head of Sociology.

### Staff Appointments

Systems Programmer 2003-165  
Information Technology Services  
**Ted Dufresne**  
Coordinator (Admissions and Applicant Services) 2004-04 Office of the Associate Dean of Student Affairs  
**Mandy Daniel** (Executive MBA Office)

Administrative Assistant to the Associate Dean (Studies) 2004-08  
Faculty of Arts and Science  
**Haley Everson** (Biochemistry)

Programmer/Analyst 2004-09  
Human Resources  
**Andrew Smith**

### Staff Vacancies

Departments requiring casual hourly paid secretarial or clerical assistance should contact Susan Goodfellow in Human Resources, 533-2070.

Requisitions for staff replacement, with appropriate approvals, must reach the Department of Human Resources by noon of the Monday one week prior to the date of issue.

**Applications received from internal candidates will be acknowledged by the Department of Human Resources. The results of each competition will be posted under the Gazette heading "Staff Appointments" as soon as possible after the conclusion of the recruitment and selection process.**

Closing date for the following positions is **Tuesday, March 16, 2004 at 4:30 pm. Late applications will not be accepted.** Please submit a letter of application indicating the specific position

desired and a detailed resume including your employee number.

**Resumes will be accepted from Queen's Employees with Internal Status ONLY, unless the position specifically invites External applications.**

**Queen's University has an employment equity programme, welcomes diversity in the workplace and encourages applications from all qualified candidates including women, aboriginal peoples, persons with disabilities and racial minorities.**

**Job Details for positions advertised under 'Staff Vacancies', with the exception of CUPE Local 229 postings, continue to be available in the HR department and on the HR Website: <http://www.hr.queensu.ca/>.**

\*If you wish to be considered for the following positions apply in writing to **Susan Goodfellow** in Human Resources

Office Assistant  
Pensions and Insurance  
2004-17

**Minimum Hiring Salary:** \$30,072 (Salary Grade 4)

**Terms:** Full-time, continuing appointment

Financial Assistant  
Faculty of Health Sciences  
2004-18

**Minimum Hiring Salary:** \$31,523 (Salary Grade 5)

**Terms:** Full-time, three-year appointment

\*If you wish to be considered for the following positions apply in writing to **Pat Eaton** in Human Resources

Administrative Assistant  
(Toronto)  
Advancement  
External Services  
2004-19

**Minimum Hiring Salary:** \$35,748 (Salary Grade 6)

**Terms:** Term until March 31, 2006

Advancement Officer  
(Toronto)  
Advancement  
External Services  
2004-20

**Minimum Hiring Salary:** \$45,969 (Salary Grade 8)

**Terms:** Term until April 30, 2006

Executive Assistant  
Vice-Principal (Research)  
2004-21

**Minimum Hiring Salary:** \$74,327 (Salary Grade 12)

**Terms:** Continuing

Building Operations Assistant (CUPE Local 254)  
Faculty of Health Sciences  
2004-22

**Tentative Hiring Range:** \$30,570 - \$37,295 (186 points - July 1, 2002 rate)

**Terms:** Term until March 31, 2007 working 87.5 per cent time

## Other Positions

Research Technician/  
Assistant, Breast Cancer  
Research

This is a full-time renewable contract.

**Requirements:** BSc, Masters or extensive experience in this area is preferred; experience in cell culture, molecular biology and animal handling; facility with computers; knowledge and demonstrated skills in cell culture is of particular importance; ordering; general lab organization; and assisting with the instruction of trainees.

**Salary:** Dependent on experience and qualifications.

Please send a resume with a covering letter and the names and contact information of two references to: Dr. Christopher Mueller, Queen's Cancer Research Institute, 3rd Floor, Botterell Hall, Queen's University, Kingston, Ontario, K7L 3N6.

[muellerc@post.queensu.ca](mailto:muellerc@post.queensu.ca), fax: 613-544-6830.

## Career Services

Applications now being accepted for Summer Career Placements 2004!

Summer Career Placements (SCP) is a wage subsidy initiative of HRDC that enables public, private and not-for-profit employers to create career-related summer jobs for student participants.

Details and application form available online

<http://youth.hrdc-dhrh.gc.ca/programs/scpp.shtml>.

Deadline for Applications: Friday, March 26, 2004 by 4:00pm

Research Scientist,  
Community Health and  
Epidemiology, Queen's  
and KFL&A Health Unit  
Initial three-year special appointment in Community Health and Epidemiology renewable for a further three years.

**Responsibilities:** support the missions of Queen's and the KFL&A Health Unit by engaging in programs of teaching and research in the area of public health; research in public health within the framework of the PHRED program at the KFL&A Unit; 25% time will be available for other activities within the department including graduate teaching and supervision. The appointee will be based in the Public Health Research, Education and Development (PHRED) program of the KFL&A Health Unit.

**Requirements:** Ph.D. in an area relevant to public health science, preferably in epidemiology; training in quantitative methods; ability to conduct independent research at a level that will attract external funding; demonstrated interest in public health; experience working in public health is an asset.

**Salary:** commensurate with qualifications and experience.

Please reply with curriculum vitae and list of three potential referees, including names and addresses to: Dr. Bill Mackillop, Community Health and Epidemiology, Abramsky Hall, Queen's University, Kingston, Ontario, Canada, K7L 3N6. Review of applications will begin on April 5, and will continue until the position is filled.

Associate University Librarian,  
Queen's University Library  
Queen's University Library seeks applications and nominations for a visionary and creative leader for the development and management of information services and electronic information systems. **Responsibilities:** the overall direction of designated public services units and the systems unit; overall responsibility for the on-going development of the Library's information technology infrastructure and digital library services. **Qualifications:** M.L.S. or equivalent from an accredited library

school; strong academic background, preferably at the masters level; track record of leadership in the development and management of information services, including the provision of electronic services; thorough knowledge of current trends in academic library information services and information technology; demonstrated leadership, planning and analytical skills; excellent communication, organizational and interpersonal skills; a commitment to the goals of a learning organization; ability to be an effective leader, facilitator and promoter of forward-looking library services both among library staff and in the broader academic environment; extensive experience in progressively more responsible positions, preferably in an academic library.

**Salary:** Salary and rank will be commensurate with qualifications and experience. The position is excluded from the bargaining unit.

For a complete posting and position guide: <http://library.queensu.ca/libdocs/posguide.htm>

Applications will be reviewed on an on-going basis beginning March 29, 2004 and continue until the position is filled. A letter of application, accompanied by a curriculum vitae and the names of three referees, one of whom is a previous employer should be sent to: Paul Wiens, University Librarian, Joseph S. Stauffer Library, Queen's University, 101 Union Street, Kingston, Ontario, K7L 5C4. Fax 613-533-6362.

Research Assistant, Division of Respiratory and Critical Care Medicine, Department of Medicine

This is a full-time position.

**Major responsibilities:** technical assistance with research studies; coordinate research studies related to respiration during sleep; conduct overnight sleep studies; accurately observe and record test results; assist with subject recruitment; interact with investigators. **Qualifications:** post-secondary

education in physiology, respiratory therapy, nursing, sleep, or other health-related fields; computer literacy; excellent interpersonal skills with ability to work independently; additional training will be provided to suitable candidate.

**Hiring Range:** Compensation commensurate with experience/specific skills.

Apply to: Dr. Michael Fitzpatrick, Richardson House, 102 Stuart St, Kingston, K7L 3N6. [mf19@post.queensu.ca](mailto:mf19@post.queensu.ca), 548-2379.

## Employee Development

Register for the following programs or obtain further information at ext. 32070 or [hradmin@post.queensu.ca](mailto:hradmin@post.queensu.ca).

### Friday, March 12

#### Information Session: Your Role in the Performance Review Process

For all staff members who want a better understanding of the performance review system used at Queen's. This discussion will focus on preparing for and participating in the performance review interview, and understanding the various forms and their use. Wendy Lloyd, Human Resources, 10:30 am to 12:00 pm.

### Tuesday, March 23

#### Lunch and Learn Video Series: Celebrate What's Right with the World

Do you have a vision for yourself? One that gets you excited every morning and keeps you open to possibilities? *Celebrate What's Right with the World* teaches what a powerful force having a vision of possibilities can be. 12:10 pm.

## Notices

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

# Queen's Pension Plan Quarterly Investment Report - December 31, 2003

## Capital Markets

Returns on investments in the various markets can be measured against a series of well-established indices. Index returns for the 3-month and 12-month periods ending December 31, 2003 are as follows:

	3 months	12 months
S&P/TSX Composite (Canadian Stocks)	11.3%	26.7%
MSCI World (Global Stocks ex Canada)	9.5%	9.0%
SCM Bonds (Canadian Bonds)	0.9%	6.7%
ML Master II (High Yield Bonds)	1.5%	n/a
T-Bills (Treasury Bills)	0.60%	2.87%

## Queen's Asset Mix

The investment managers have mandates established through a Statement of Investment Policies developed by the Pension Committee of the Board of Trustees. Investments in each asset class must be within a well-defined range. The "normal" asset mix is a long-term strategy mix which is used as a "benchmark" when measuring performance of managers.

The current market value of the Queen's Pension Plan (QPP) of approximately \$1.1 billion can be broken down as follows:

	Permitted Range	"Normal" Mix	Current Mix
<b>Stocks</b> Canadian	25% - 55%	35%	37%
Global (ex. Canada)	10% - 25%	22%	23%
<b>Regular Bonds</b>	20% - 70%	37%	34%
<b>High Yield Bonds</b>	0% - 10%	5%	5%
<b>Cash</b>	0% - 20%	1%	1%

## Queen's Performance

### 1. Compared With Other Pension Plans

The fund returned 7.7% in the fourth quarter. This put the QPP in the first quartile in RBC Global's universe of pension funds. The one-year return of 16.8% is also first quartile, while

the three-year return of 4.4% and the five-year return of 6.7% are both in the second quartile. The quartile breaks for RBC Global's universe are as follows:

	3 months	1 yr	3 yrs	5 yrs
1st quartile	7.0%	15.5%	4.6%	7.4%
Median	6.5%	13.5%	3.8%	5.9%
3rd quartile	6.0%	12.4%	1.6%	5.2%

### 2. Relative to the Benchmark

	3 months	1 yr	3 yrs	5 yrs
Fund return	7.7%	16.8%	4.4%	6.7%
Benchmark return	6.6%	14.5%	1.9%	5.6%
Fund performance relative to benchmark	1.1%	2.3%	2.5%	1.1%

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

### 3. General Comments

- The global stock market rally continued in the fourth quarter of 2003.
- The return for the fourth quarter was about 110 basis points above benchmark. Performance over longer periods continues to be strong both on a relative basis and against the benchmark.
- Burgundy (Canadian equities) and Leko, Brosseau (Canadian balanced) had significant outperformance in the fourth quarter.
- Wellington (global equities) also outperformed in the fourth quarter.
- We continue to hedge approximately 50% of our US dollar exposure back to Canadian dollars.
- The Canadian dollar appreciated 4% against the U.S. dollar in the fourth quarter.

## Awards and Grants

**Basmajian Award**  
Nominations are invited for the 2003/04 Mihran and Mary Basmajian Award. This annual award is presented to a Health Sciences full-time faculty member or two members working as a team. The nominee must have a maximum of six years independent research and have made the most meritorious contribution to health research during the previous year or several years. Nominations may be made by any department head or by any member of the Faculty of Health Sciences with the knowledge and support of the department head. Nominations are due April 30, 2004 to the Associate Dean (Research), Faculty of Health Sciences, c/o Robin Ashcroft, Office of Research Services. Terms of reference are available at [www.queensu.ca/vpr/basmajian.htm](http://www.queensu.ca/vpr/basmajian.htm).

The William M. Spear Endowment Fund for Pulmonary Research/The Richard K. Start Memorial Fund  
June 1, 2002 marked the first awards offered due to the generosity of The William M. Spear Endowment Fund for Pulmonary

Research at Queen's. The fund was established through a bequest from the late William M. Spear, M.D. 1927, in memory of Bruce Hopkins. Dr. William M. Spear completed his medical training at Queen's and subsequently completed training as a pulmonary physician. Dr. Spear was influenced by Dr. Hopkins, a well-known Kingston physician dedicated to the treatment of lung disease.

The Richard K. Start Memorial Fund was established in 1985 in memory of the late Richard K. Start, M.D. ('28) to promote research on Respiratory Diseases. This competition will be administered with the Spear endowment competition.

Grants will be awarded in the \$10,000 to \$20,000 range. For details, call Research Services, ext. 74096 or see [www.queensu.ca/vpr/sources/internal.html](http://www.queensu.ca/vpr/sources/internal.html). Deadline: April 1.

## Notices

Physical Education Centre

**Recreation Jogging Cancellation**  
Monday, March 29 – all day

**Recreation Skating Cancellation**  
Friday, March 26 – 4:30 - 5:20 pm

## PhD examinations

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

**Tuesday, March 9**  
**Christopher Robert Herlihy**, Biology, 'Reproductive assurance and the evolution of self-fertilization in *Aquilegia Canadensis*'. Supervisor: C.G. Eckert, 3108 Biosciences, 1:30 pm.

## Volunteers

Searching for a new treatment in dyspepsia (indigestion)  
You may be eligible to participate in studies with an experimental treatment for the relief of dyspepsia symptoms if you are a woman of at least 18 years of age who is not pregnant or breastfeeding; suffer from "dyspepsia"; do not have associated problems with constipation or diarrhea; and are in good health otherwise. If you are interested in participating or wish to know more about the study please call: Darlene Brady,

544-3400 ext. 2445, GI Research, Hotel Dieu Hospital.

**Eye movement study**  
The Eye Movement Lab within the department of Physiology needs male volunteers 40 to 65 years old to take part in a study examining saccadic reaction times to a variety of visual targets. Participants should have no known neurological disorders. Compensation provided. Contact Joanna at 533-6000, ext. 75216.

**Recruiting healthy postmenopausal women**  
If you don't use hormone replacement therapy and suffer from vaginal dryness, itching or burning, urinary discomfort and/or pain during intimacy; if you are between 50 - 80 years of age, and your last menstrual period was at least 3 years ago, you may qualify to participate in a clinical trial evaluating the effects of a new medication to treat these menopausal symptoms. Call Jill in the Clinical Investigation Unit at 548-1390 for further information.

## HELP LINES

**Campus Security Emergency Report Centre:**

**533-6111**

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

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

Tracy Trothen – Theology  
533-2110 ext. 74319  
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:**

Doug Morrow  
533-6495  
directs staff, students and faculty to the appropriate campus resources for assistance.

**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 Grievance Advisors – Students:**  
Please contact Doug Morrow, Coordinator of Dispute Resolution Mechanisms, at 533-6495 for assistance or referral to a Grievance Advisor

**University Grievance Advisors – Staff:**  
Jane Baldwin – Surgery  
533-6302  
Kathy Beers – Student Affairs  
533-6944  
Bob Burge – JDUC  
533-6000 ext. 78775  
Gary Racine – Telecommunications  
533-3037

**Freedom of Information and Privacy Protection**  
Commissioner Paul Tetro  
533-6095

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

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

**Rector**  
Ahmed Kayssi  
533-2733

**Student Counselling Service**  
533-2893

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

## CALENDAR

### Art

The Agnes Etherington Art Centre  
University Avenue  
**Ongoing exhibitions:** Samuel J. Zacks Gallery, Contemporary Feature Gallery and The Davies Foundation Gallery, *Machine Life* to April 18; *Our Great Adventure: The Group of Seven* to May 9; Frances K. Smith Gallery, *Prints, Patrons and Publishers*, Stefano Della Bella March 7 to May 30. African Gallery, *Metal Work of West Africa*: a selection from the Justin and Elizabeth Lang Collection to July 2005; Bader Gallery, *Real and Imagined People*, from the Art Centre's collection of 16th and 17th century European painting to June 19, 2005. [www.queensu.ca/ageth/](http://www.queensu.ca/ageth/)

### Events

**Agnes Etherington Art Centre Wednesday, March 10 – Waiting...and Wanting:** a program of video art based on the theme of anticipation and deferred desire. Discussion with program curator Karyn Sandlos follows. Atrium, Agnes Etherington Art Centre, 7 pm.  
**Thursday, March 18 – Highlights Tour:** a guided tour of current exhibitions. Agnes Etherington Art Centre, 12:15 pm. Free.

Union Gallery  
Main Gallery – *Distant Apparitions*. Christine Kim, Marzenna Kubik and Emily Egleston, March 13 to April 2.  
Project Room – *Mitochondrial Eve*, Iris Paabo. March 13 to April 2.

Reception Saturday, March 20, 6 pm for Distant Apparitions and Mitochondrial Eve.

### Film

**March 10-14 reelout: Kingston's 5th annual queer film and video festival!**  
Gala Presentation and Party \$10; Party only \$5; Individual programmes \$8; Festival pass: \$50 for all eight programmes. Advance ticket sales: Zap Records, 340 Princess St., 547-9949 cash only please; Classic Video, 40 Clarence St., 542-3900; Used Book Store, JDUC, Queen's, 533-2120. [www.reelout.com](http://www.reelout.com).

### Music

**Friday, March 12**  
VoiceFest, Opus 1 – Kathryn Domoney featured in recital. \$6 adults; \$3 students and seniors. At the door. Dunning Auditorium, 7:30 pm.

**Saturday, March 13**  
VoiceFest, Opus 1 – Kathryn Domoney will conduct a Master Class with voice students from the School of Music. Dunning Auditorium, 4 pm. Free

**Sunday, March 14**  
VoiceFest, Opus 1 – Barbara Meister and David Bender will conduct a Master Class with voice students from the School of Music. Both are well-known international performers in music theatre and opera. The students with whom they work will present a short recital. Dunning Auditorium, 2 pm. Free.

### Friday, March 19

Queen's Choral Ensemble, conducted by Mark Sirett and Polyhymnia, an all women's choir, directed by Aurora Dokken present a variety of works including Leonard Bernstein's "Chichester Psalms". Grant Hall, 7:30 p.m. \$6 adults; \$3 students and seniors.

### Monday, March 22

Queen's Percussion Ensemble, directed by Greg Runions will perform Lou Harrison's "Suite", Leroy Anderson's "Bugler's Holiday" (transcribed for Marimba) and Greg Runions' "Concerto for Percussion and Drumset". Also Queen's Brass Ensembles, conducted by Dan Tremblay and Chantal Brunette, including the Brass Choir, Trumpet Ensemble, Trombone Quartet and Brass Quintet. Grant Hall, 7:30 pm. Free.

Departmental seminar schedules

**Biochemistry**  
[meds.queensu.ca/medicine/biochem/seminar.html](http://meds.queensu.ca/medicine/biochem/seminar.html)

**Biology**  
<http://biology.queensu.ca/seminars/dss.html>

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

**Centre for Neuroscience Studies**  
[www.queensu.ca/neurosci/seminar.html](http://www.queensu.ca/neurosci/seminar.html)

**Chemistry**  
<http://chem.queensu.ca/NEWSAN/DEVENTS/Seminars/Seminar02W.PDF>

### Computing

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

### Economics

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

### GeoEngineering Centre at Queen's – RMC

[www.geoeng.ca/GENG840\\_Schedule.htm](http://www.geoeng.ca/GENG840_Schedule.htm)

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

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

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

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

### Public Lectures

#### Monday, March 8

**Policy Studies**  
Jane Jenson, Family Network of Canadian Policy Research Networks. A changing society and economy: challenges for the designers of social architecture for the 21st Century. 202 Policy Studies, noon. Pizza served!

#### Tuesday, March 9

**Art**  
Christine O'Malley, Ithaca College. Radiant heat and glowing lights: Raymond Hood's American Radiator Building, New York City. Reception to follow. Atrium, Agnes Etherington Art Centre, 6 pm.

#### Wednesday, March 10

**History**  
Nancy Butler. Mother Russia and

Calendar continued on Page 16



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**MARTIN E. SPILCHEN**  
SALES REPRESENTATIVE

**"I have the keys to your future."**



the Socialist Fatherland: Bourgeois Women and the Communist Party of Canada, 1930-1960. 517 Watson, noon.

**Thursday, March 11**  
**Agnes Etherington Art Centre**  
 Roberta Shaw, Assistant Curator, Royal Ontario Museum. *Eternal Egypt*: a guest lecture presented in support of the Gallery Association's trip to view the ROM exhibition *Eternal Egypt: Masterworks of Ancient Art from the British Museum* on March 31. Atrium, Agnes Etherington Art Centre, 7 pm. Refreshments.

**Education**  
 Michael Manley-Casimir, Brock University. Freedom of conscience and religion: one right or two? Vernon Ready Room, Duncan McArthur Hall, 4 pm.

**Policy Studies**  
 Louis Ranger, Deputy Minister, Transport Canada. Managing Canada-US Relations. 202 Policy Studies, noon. Pizza served!

**Tuesday, March 16**  
**Eighteenth- and Nineteenth-Century Studies Group**  
 Shelley King and Leslie Ritchie, Queen's. Two Papers on Amelia Opie (1769-1853): Representation, memory, and mourning in Opie's *Lays for the Dead*, and Opie's *Hindoo Airs*. 517 Watson, 7:30 pm.

**Wednesday March 17**  
**Jewish Studies**  
 Roxanne Harde. A very American heresy: Jewish baseball novels. 517 Watson, 7:30 pm.

**Thursday, March 25**  
**Psychology**  
 Jeanette Holden, Queen's. Unraveling the mystery of autism. Public Lecture followed by open general discussion and question period. The Wilson Room, Kingston Public Library, 130 Johnson Street. 6:30 pm.

**Friday, March 12**  
**Psychology**  
 Russell H. Fazio, Ohio State University. The influence of automatically-activated racial attitudes on race-related judgments and behavior. 1103 Biosciences, 3:30 pm. Reception to follow at the University Club.

### Courses and Workshops

**Wednesday, March 10**  
**Earth Week Workshop – Campus sustainability and the new Queen's Centre**  
 Learn about the principles and criteria for green building design, and ideas for making the new Queen's Centre part of a sustainable future. Guest speakers include: Aaron Dent, Cair, Queen's Greening the Ivory Towers Project; Ed Lowans, Manager of Sustainability, Keen Engineering; Andrew Simpson, Chair of the Planning Committee for the New Queen's Centre. 202 Policy Studies, 2:15 pm refreshments, 2:30 pm workshop begins. Open to the public. Sponsored by School of Environmental Studies and the ENSC Student Council.

**Queen's Theological College**  
 Spring/Summer School. Courses in Restorative Justice, Christian Spirituality, Genesis and more. For more information call 75888 or visit [www.queensu.ca/theology](http://www.queensu.ca/theology)

### Special Events

#### Kingston Branch Spring Excuse Tulip Sale

Let us deliver spring early to your house or the house of a friend or mate. Surprise friends or family at work with a beautiful bouquet of tulips on Friday, March 19 when we will be making business deliveries only. Regular home deliveries to the personal residence of your family or friends living in Kingston will take place on Saturday, March 20. Payment can be made by cheque, visa or mastercard. Contact Hazel Metcalfe at 533-6000, ext. 74140 to order by March 15. Complete details at [www.events.queensu.ca](http://www.events.queensu.ca). Proceeds benefit the Kingston Branch Bursary.

**Monday, March 8**  
**Queen's Women and Law**  
 Women's Breakfast. Performers: The Raging Grannies. No reservation, no tickets, just come and pay for your own meal. Everyday women getting together for encouragement, inspiration, and fun Call 546-7056 for more information. Denny's Restaurant, near the 401, 8 am.

**Jane Doe speaks about "The Politics of Rape"**  
 Book sale and signing to follow.

Free return transportation from outside Stauffer Library to West Campus available between 6:20-6:40, and again after the event. Email [1ssh@qlink.queensu.ca](mailto:1ssh@qlink.queensu.ca) to arrange accessible transportation for a limited number on a first come first served basis. Duncan McArthur Auditorium, West Campus. 7 pm, free. <http://post.queensu.ca/~lawwomen>

**Queen's Feminist Review Launch**  
 The Grad Club, 162 Barrie Street, 9 pm. Contact [qfr@ams.queensu.ca](mailto:qfr@ams.queensu.ca) for more information.

**Tuesday, March 9**  
**Art**  
 Jin-me Yoon, public slide presentation. 1103, Biosciences, 4 pm.

**Saturday, March 14**  
**Spoken Word Vibe II**  
 Black History Month Kingston

continues with an evening of poetry and hip hop. For more info contact Kathleen at 548-3077 or [spokenwordvibe@sympatico.camail](mailto:spokenwordvibe@sympatico.camail). The Sleepless Goat (91 Princess Street), 8:30 pm. \$5.

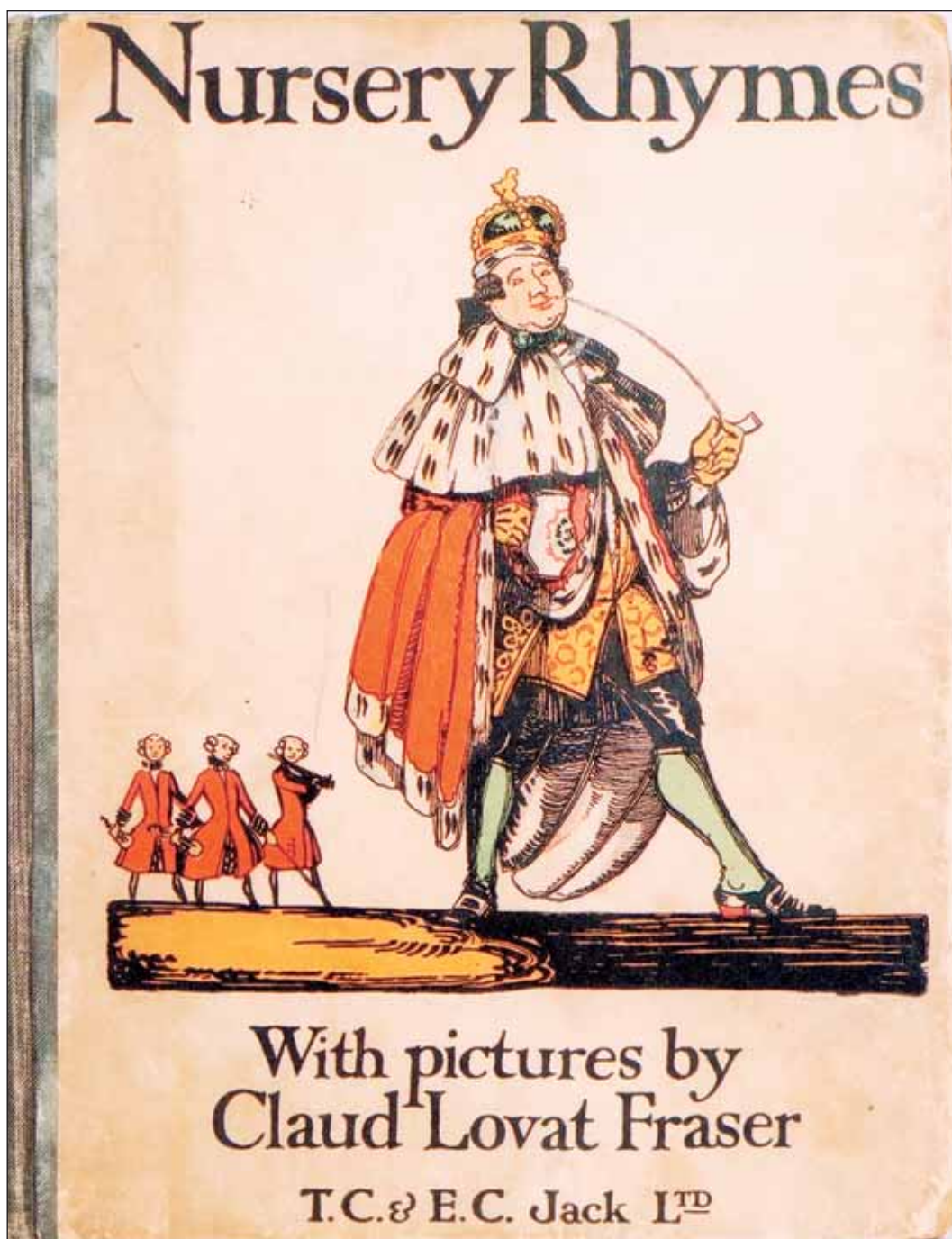
**Wednesday, March 17**  
**Wyrds Sisters concert**  
 Women's Studies presents a fundraiser for the Ban Right Centre. Tickets \$20, at D504 Mackintosh-Corry Hall (533-6318), the Ban Right Centre (32 Queen's Cres. – 533-2976) and at the door beginning at 7 pm. Silent auction during the intermission. Lions Club, Elliott Avenue, 8 pm. [www.mts.net/~wyrds1/](http://www.mts.net/~wyrds1/)

## Submission Information

To ensure we run your information correctly, Calendar items must appear in this format:  
***date, department, speaker's name and affiliation, title of lecture, place, time, and cost if applicable.***

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

**The next *Gazette* deadline is March 15 at noon.**



COURTESY OF MARGARET LOCK

## Bookbinding exhibition highlights vagaries of Victorian taste

An exhibition of intricate bookbindings in cloth and paper from 1800 to 1925 is currently on view at the W.D. Jordan Library in the Douglas Library until April 8.

As with last year's exhibition of leather and vellum bookbindings, this exhibition features both utilitarian and quality bindings.

Initially, bookcloth and paper were used on inexpensive bindings. Paper could be printed in several colours: the characteristic Victorian paper binding was the yellowback or railway novel, priced to sell at one or two shillings (the equivalent of today's paperback). Bookcloth was invented in the 1820s; by 1830, binders had developed a way of embossing it to make it resemble leather or silk. The blocking press and

case binding technique allowed trade binders to offer more decorative options. By the 1850s, publishers were prepared to invest in elaborate gold-blocked bindings on gift books. These edition bindings show the vagaries of Victorian taste.

The period 1890 to 1910 was notable for excellent designs, for both gold-blocked bookcloth and paper bindings.

The Art Conservation Program is sponsoring a slide talk by Margaret Lock on nineteenth-century bookbinding in cloth and paper at the Graham George seminar room (2nd floor, Douglas Library) at 1:30 pm on Wednesday, March 31. She is the author of *Bookbinding Materials and Techniques, 1700-1920*, published last year by the Canadian Bookbinders and Book Artists Guild.



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Here are some samples of bookbindings currently on display at the W.D. Jordan Library in the Douglas Library.