

QUEEN'S GAZETTE



The right chemistry P6

Doctoring up family medicine P2



Students endorse Queen's Centre

By CELIA RUSSELL

Undergraduate students have shown their support for the Queen's Centre by voting 71 percent in favour of an annual fee per student that would raise \$25.5 million for the project over a 15-year period.

The vote took place at the Alma Mater Society (AMS) annual general meeting last Wednesday, with 763 students casting ballots. For the first five years, students will contribute \$71 per student, per year, and \$141 for each of the remaining

10 years, until the goal of \$25.5 million is reached.

"It's a really important signal of confidence and support from the students," Principal Karen Hitchcock told the Gazette. "We're very grateful to know that they are prepared to put this level of funding toward the project.

"It shows their commitment to the university beyond the time they are at Queen's and that they are thinking about the students that are coming after them. These are the kind of values that

the Queen's community has held for the 165 years of the university's existence. It's absolutely wonderful to see how that spirit continues."

The Board of Trustees voted unanimously March 4 to approve the Queen's Centre project in principle and endorsed moving from the planning to the implementation phase of the project. The centre combines student life, athletics facilities and a new home for the School of Physical and Health Education. It is to be built in phases over the next 10

years and is estimated to cost about \$230 million.

"Having worked for so long on the project it's a real encouragement to have had the board's endorsement of that work a couple of weeks ago and now the students' endorsement," said Vice-Principal (Operations and Finance) Andrew Simpson, who chairs the Queen's Centre Management Committee. "It gives us tremendous confidence in all of the work completed by so many throughout the university to date."

"The project is now in a form that is quite tangible," Queen's Centre Executive Committee Chair Andrew Pipe told trustees March 4 before the vote. "Our students have shown unprecedented support for this project, and we are grateful to the AMS for their leadership."

"We think the proposal is spectacular," Mr. Simpson added. "We are now at a point where decisions on how to proceed are vital."

For example, the university

See STUDENTS ENDORSE: Page 12

What it means

The Gazette asked people involved in supporting and shaping the Queen's Centre project to share their views on it and what it means to the future of Queen's.

For Bob Burge, director of the John Deutsch University Centre, the advent of the massive 10-year project means managing disruption and giving each student cohort the best possible student-life experience.

When the first phase is completed five years from now, with its new pool, weights and fitness rooms, and student life facilities, "We're going to have an improved sense of community," says Mr. Burge. "Five years can be viewed by some as a long way away, but five years is not a long time to plan...and there's a lot of planning to meet diverse needs, to make the space inviting and functional, and how it all melds the old with the new. We're trying not to lose anything. And I hope from the student life side we'll lose absolutely nothing."

"During this period of transition people are going to be affected. There are going to be disruptions. The International Centre, for example, will have to move somewhere else. But we want to minimize the disruptions as much as possible."

"At the end of the day, we'll have more ability to respond to the diverse needs of various students groups. We will come through this whole process

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For news updates visit us online @ www.queensu.ca/newscentre



"YOU'RE FIRED!"



STEPHEN WILD

Business professor Marc Busch, flanked by Kevin Springer and Mary Wittman, wastes no time turning up the heat on contestants in Queen's version of The Apprentice.

Move over, Donald Trump

QUEEN'S CROWNS ITS FIRST APPRENTICE

By KAY LANGMUIR

A tough but tired group of students will find out Tuesday night who is to become the first Queen's Apprentice.

For the past eight weeks, the Clark Hall Pub has hosted a soap-operatic scene of student teams testing their business acumen, debating skills, Machiavellian strategies and fly-by-the-seat-of-your-pants instincts as they jockey to stay in the race and avoid being fired by the man posing as "The Donald" on campus - Marc Busch of the School of Business.

The Queen's version of the wildly popular The Apprentice television show, starring celebrity entrepreneur Donald Trump, was dreamed up by the Queen's Entrepreneur Society as a way to promote entrepreneurship and student initiative, says Brandt Blimkie, executive director of the Queen's Apprentice production.

When Mr. Blimkie first approached Prof. Busch last December to play Trump's role of the veteran businessman who gives the wannabes a hard time, he said no.

"But the more I thought about it, the more I wanted to play this role," Prof. Busch says. "It's just an excellent show, and

a lot of fun."

The contestants, organized into three teams and originally numbering 18 individuals, have undertaken tests that challenge their skills in sales, promotion, marketing, and leadership.

"Queen's students never cease to amaze me," says Richard Seres, executive director of the university's marketing and communications department, who judged the students' efforts in developing a strategy to increase the university's international profile.

"I was extremely impressed by the quality of the student presentations and the seriousness with which they all

approached their tasks. You never know what kind of ideas can come out of a situation where the issues are complex and fresh minds are approaching ongoing challenges."

The Apprentice contestants have also made presentations before Principal Karen Hitchcock on ways to improve town-gown relations, helped a local homeless shelter improve its fund-raising and budgeting practices, and assisted some local bars in event promotion.

With the help of School of Business faculty, the students also spent a full day in Toronto being interviewed by some of the city's top business movers

See MOVE OVER: Page 2

Doctoring up family medicine

The number of first-year residents in Queen's Family Medicine program will increase to 45 by 2006 from 26 in 2001, the result of a province-wide initiative by the Ontario Ministry of Health and Long-Term Care.

The total number of training physicians will increase from 67 per year to 112 by 2007, making family medicine the largest post-graduate medical program at the university.

"The Ontario Medical Association has been advocating an expansion in the number of residency spots for family and specialty medicine in Ontario for years," says John Rapin, President of the Ontario Medical Association, and an assistant professor of emergency medicine at Queen's. "This expansion is a good step forward in improving our ability to recruit and retain Ontario's medical graduates to

practice in Ontario once their training is completed."

The government is creating 70 per cent more family medicine residency positions at the province's five medical schools. In total, 141 new family residency positions will be established in Ontario by 2006, meaning 337 more family doctors ready to practice by 2008.

The resources recently announced by the province will support an increase in the number of medical faculty in Kingston and throughout the community-based network, and allow for the expansion of clinical teaching facilities in Kingston, measures that will help alleviate the physician shortages in all the partner communities.

Interest in family medicine programs across the country is on the rise. Queen's Department

of Family Medicine is one of Canada's most popular, largely due to a strong core faculty enhanced by more than 100 community-based faculty teachers. This strong community and regional focus is a long-standing and distinct characteristic of the program.

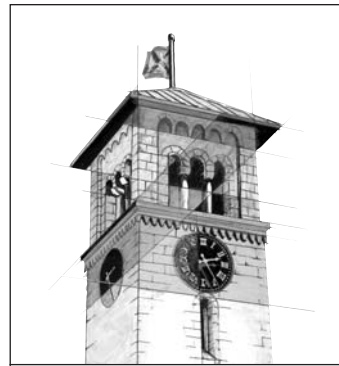
It prepares family physicians to establish their practices in communities the size of Kingston, or smaller, throughout Eastern Ontario, with network partners in Perth, Napanee, Picton, Belleville, Peterborough, Sharbot Lake, Cobourg, Oshawa and Moose Factory. In these communities, graduates of the core two-year program gain enhanced skills training in specialties such as emergency medicine, anesthesia, women's health, palliative care, aboriginal health, and care of the elderly.

Because of the additional

resources, Queens family physicians-in-training program will also: Fund more travel and accommodation expenses for student doctors at training sites throughout the region; pay more family doctors to serve as faculty supervisors at regional training sites; find more space to house family medicine programs; enjoy strengthened ties with partner communities through the addition of teleconferencing facilities and internet connections.

"We look forward to incorporating these resources, and to continuing to provide smaller Ontario communities with the highest-quality family physicians," says Walter Rosser, chair of the Department of Family Medicine.

The department was founded in 1970 and the Family Medicine Centre opened in 1978.



QUEEN'S GAZETTE

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EDITORIAL SCHEDULE

Noon deadline	Publishing date
28 March	04 April
11 April	18 April

ADVERTISING POLICY

The Queen's University Gazette is a newspaper published by the University's Department of Marketing and Communications ("Publisher") for the primary purpose of internal communication to its faculty and staff members.

All advertising is subject to the Publisher's approval. The Publisher reserves the right to revise, reject, discontinue or omit any advertisement, or to cancel any advertising contract, for reasons satisfactory to the Publisher without notice and without any claim for penalty.

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The Publisher will not knowingly publish any advertisement which violates the University's internal policies, equity/human rights policies or code of conduct. Further, the Publisher will not publish any advertisement which contravenes the best interests of the University directly or indirectly.

IN BRIEF

A New Brain

Queen's Musical Theatre presents A New Brain running March 30 to April 3 at the Baby Grand Theatre. Curtain time is 8 pm with matinees taking place April 2 and 3 at 2 pm. Tickets are \$16, \$14 for students, and are available from the Grand Box Office, the Queen's Campus Bookstore, or by request from anewbrain@hotmail.com.

For more information, please visit www.qmt.ca.

Hockey for Heart

The third-annual Hockey for Heart, a grudge match for a great cause, takes place Tuesday, March 29 at 7 pm at the Jock Harty Arena. Queen's Medicine Class of 2008 will square off against professors in a benefit hockey game to support Heart and Stroke Foundation of Ontario.

Admission is \$5 and features door prizes.

Move over continued from page 1

and shakers.

At each Apprentice episode on the pub stage, student emcees warm up the crowd with some show trivia questions and off-beat prizes such as ice cube trays and shoe horns. Then the crowd views a 20-minute video summary of the contest to date. It takes the volunteers working on the show long hours to edit 80 hours of video down to a brief overview.

Once the teams take the stage, Prof. Busch wastes no time in turning up the heat.

"One more 'umm' and I'm going to send you home," he barks to a stuttering student, while the crowd hoots.

As the teams who have lost in the latest round come forward, knowing one member from each will be fired, Prof. Busch consults with his assistants, MBA student James Brewster, and David McConomy, professor of accounting. There are excuses, finger pointing, gang ups, arguments over who contributed most and other desperate acts.

Prof. Busch, conscious of the entertainment value and mindful of hand signals from Mr. Blimkie when contestants get long-winded, often plays devil's advocate.

After cajoling a contestant to agree that her team's work was indeed a good example of out-of-the-box thinking, his unexpected response sets the crowd roaring.

"I hate thinking outside the box! There's nothing wrong with

the box. The box is our friend!" After each firing, the loser is interviewed in front of the audience by student emcees in typically shoot-from-the-hip fashion.

"I hate thinking outside the box! There's nothing wrong with the box. The box is our friend!"

Marc Busch

"In terms of cattiness and bitchiness, you guys were unbelievable," the emcee told one just-fired contestant.

But despite the stunning workload the contest hefts onto the shoulders of the contestants, there is enthusiasm across the board.

"It's giving me a broader learning environment outside

the classroom," says Dan Jacob, second-year politics major.

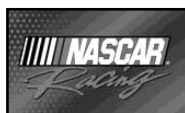
"The stress makes it good, and this competition has added a whole new level," says Johnathan Sinasac, fourth-year electrical engineering. "You can't do this and school and succeed unless you're well-organized and on the ball... I've been in a lot of business-development situations and this is some of the best business development I've ever experienced."

The show has been a learning experience for all those involved. While the contestants are learning to be more vocal and decisive in front of the cameras, the behind-the-scenes crew are getting better at handling the stress of technical challenges, says Mr. Blimkie, a master's student in economics.

But what will be the top prize awarded to the student who wins the title of Queen's Apprentice? Mr. Blimkie assures that it will be special, but you'll have to show up tomorrow night to find out. www.queensapprentice.com



Casino du Lac Leamy (Hull)	FREE until Mar 31
1 of a Kind "Spring" Craft Show	Mar 25 \$55
Cottage Life Show	Apr 2 \$55
Mamma Mia with dinner	Apr 6 \$150
Washington Cherry Blossoms	Apr 7-10 \$699
Stars on Ice in Ottawa	Apr 16 \$119
Antique Car Auction in Toronto	Apr 16 \$55
Niagara Falls Casino / Sightseeing	Apr 18 \$50
WICKED "The Musical"	Apr 20 \$150
Creative Sewing & Needlework	Apr 22&23 \$55
Montreal Casino or Shopping	Apr 25 \$45
Foxwoods Casino in Connecticut	Apr 26-29 \$479
St. Jacobs Day Tour	Apr 30 \$75
Quebec City Experience	May 20-23 \$649
Evita "The Musical"	May 25 \$150
Stratford Festival Getaway	Jun 3-4 \$399
Nashville & Fan Fair	Jun 8-13 \$999
Cape Cod, Newport, Boston	Jun 26-30 \$749



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Pennsylvania 500 (Jul 24)
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An Announcement from Queen's University Food Services

On June 30th, 2005, Queen's University's contract with Brown's Fine Foods will expire and the Office of Residence & Hospitality Services is seeking customer input concerning services in Bio-Sciences Complex, Botterell Hall and non-cold beverage vending.

We are currently pre-qualifying potential vendors and would like to include customer input in the selection process.

Comments and Suggestions may be directed to:
fdfeedbk@post.queensu.ca

REACH FOR HIGHER THAN BRONZE



CELIA RUSSELL

Bob Rae attracts an audience of about 150 faculty, staff and students to his address on Education and the Future of Federalism at the School of Policy Studies last Thursday. Higher education has suffered partly because of a heavy emphasis on health-care spending, a reluctance to raise taxes and public complacency, he says. "We have a cultural bias in favour of the bronze," he said of the public's tendency to accept mediocrity when it comes to its colleges and universities. The former Ontario premier, who released the findings of his review on post secondary education early last month, called on the provincial and federal governments to act quickly to halt a decline in the quality of post-secondary education in the province. He described the system as severely underfunded and in need of major investments and fundamental reforms.

Task force meeting focuses on city services

A recap of the first public consultation session and an overview of city services such as garbage pick-up, recycling and snow-removal were the primary topics at the most recent meeting of the Principal's Task Force on Community Relations.

At their regular meeting March 10, task force members heard from Gord McGuire, AMS municipal affairs commissioner; Mark Segsworth, the City of Kingston's commissioner of operations; and Terry Willing, manager of the city's building and licensing division. The wide-ranging discussion centred on the city's services and areas of mutual concern to the city, university and students, including recycling, garbage collection and snow removal.

"I'm extremely pleased with the session."

Bob Crawford

The task force also reviewed information from its first public meeting, held March 9 at Rideau Public School. Twenty people from the community discussed concerns and offered suggestions on how the university might address some of the issues involved with improving town-gown relations.

"I'm extremely pleased with the session. It was productive and the ideas addressing complex issues were excellent," says

Bob Crawford, co-chair of the task force. He also commented on the willingness of attendees to look at new and innovative ways to address longstanding town-gown issues. "Those who have taken us up on our invitation to participate in this important dialogue have made meaningful suggestions to the task force, and ones that will help as we develop our initial recommendations. We are looking forward to hearing even more voices at future sessions."

About 40 people attended the second public meeting March 15 in the Wilson Room, Kingston Public Library. The issues raised by residents during the three-hour meeting were similar to those that came up the previous week at Rideau Public School: Student rowdiness, problems with garbage collection and recycling in the student housing neighbourhood, and density issues surrounding the so-called "monster" homes.

The final public meeting will take place from 6 to 9 pm on Thursday, March 24, in Room 202 of the Policy Studies Building of Queen's.

Principal Karen Hitchcock announced the Task Force on Community Relations in late 2004. Its role is to review issues related to student life off-campus, including off-campus housing, neighbourhood relations, safety and city services for students. The Queen's task force will be working closely with students, community members and city officials.

IN BRIEF

Borovoy to speak

Alan Borovoy, Canadian Civil Liberties Association, will deliver an address in honour of teacher and civil libertarian Sybil Schack, leader of the Manitoba Teachers' Society. His talk, *The Eroding Respect for Freedom of Speech*, takes place Thursday, March 31 at 4:30 pm at Duncan McArthur Hall in the Vernon Ready Room.

Grad students hold AGM

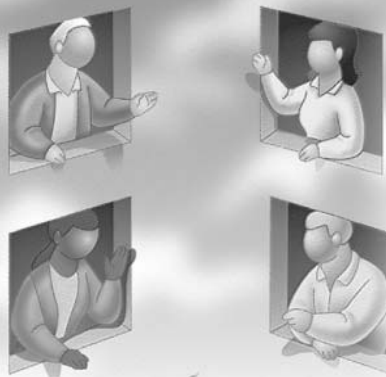
The Society of Graduate and Professional Students' (SGPS) annual general meeting takes place Tuesday, March 29 at 5:30 pm in the McLaughlin Room of the John Deutsch University Centre (JDUC). All members are encouraged to attend. For details, call 533-6376.

Cuts for cancer

The scissors will be flying in two locations this Wednesday as Queen's Cuts for Cancer goes to great lengths to raise money for the Canadian Cancer Society and collect hair donations. The event takes place on the lower level of the John Deutsch University Centre and in Goodes Hall. University celebrities taking part include professors Andrew Craig, Steven Smith, Charles Graham, Kanji Nakatsu, Peter Hodson and Rector Grant Bishop. Details: email cutsforcancer@yahoo.com or visit www.cutsforcancer.com.

JUDGING THE CORPORATION?

FAUT-IL JUGER L'ENTREPRISE?



Why do corporations often ignore occupational health and safety laws and environmental laws causing avoidable injuries, illness and deaths? Why have laws on corporate fraud been virtually non-existent, and why are they as often ignored as enforced? This interactive discussion will examine recent trends in the control of corporate crime in Canada, the UK and the US. **This event is free of charge and open to all members of the public. For further information, telephone (613) 946-8980 or visit www.lcc.gc.ca**

Pourquoi certaines entreprises ignorent-elles les lois en matière de santé et de sécurité au travail, des droits de l'environnement qui causent des dommages évitables, des maladies et des décès? Pourquoi les lois sur la fraude des entreprises sont-elles pratiquement non existantes, et pourquoi n'a-t-on rien fait pour les faire respecter? Ce débat interactif portera sur les tendances récentes en matière de prévention de la criminalité des entreprises au Canada, au Royaume-Uni et aux États-Unis. **Cet événement est gratuit et est ouvert au public. Pour de plus amples renseignements, veuillez téléphoner le (613) 946-8980 où consultez le site web : www.cdc.gc.ca**

Moderator/Modérateur : Paul Kennedy, Ideas, CBC Radio

Speakers/Conférenciers : Steve Tombs, Liverpool John Moores University, Liverpool, UK
Frank Pearce, Lauren Snider, Queen's University, Kingston, ON

Location/Endroit : Room/Pièce 14 Lower Level/Niveau inférieur, Dunning Hall, 99 University Avenue, Queen's University, Kingston, ON

Date : March 30/le 30 mars 2005

Time/Heure : 19:00 - 21:00

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VIEWPOINT

KAREN HITCHCOCK
Principal and Vice-Chancellor



Freedom of speech in a changing world

The following is abridged from a speech Principal Hitchcock delivered at the recent Tri University dinner attended by alumni from Queen's, McGill and the Royal Military College.

Freedom of speech – academic freedom – is as essential to the mission of any institution of higher learning as it is to democracy itself. And in transformative times – some would say turbulent times – it is often questioned or threatened. Issues around academic freedom, from hate speech to political correctness to the tenure structure, continue to be hotly debated and contested in North American higher education.

The 1940 Statement of Principles on Academic Freedom and Tenure, developed by the American Association of University Professors, has been influential in determining North American academic practices in this area. It noted, "Institutions of higher education exist not for themselves or for the individual teachers but for the 'common good.'" Tenure was described as a means by which academic freedom was ensured, and academic freedom was described as carrying with it responsibilities or "duties," not just rights.

The core tenets of academic freedom, freedom in research and publication, freedom in the classroom and freedom from institutional censorship for speaking out have been tested repeatedly. They have weathered McCarthyism, Kent State and the student riots of the Vietnam era, the campus climate of political correctness in the 1980s and 90s, and more recent challenges in the aftermath of Sept. 11.

Queen's, like McGill and RMC and many of our sister universities, has actively supported the application of teaching and research to the intricate and often entangled societal issues that confront us.

Faculty have brought their research expertise to bear on many difficult and challenging issues of contemporary life, be it in health-care delivery, drug development, the development of new technologies, policy development in such areas as the environment, social service delivery and improving our schools. Participation in partnerships with industry, government and our communities across the spectrum of academic disciplines can help leverage the research and teaching programs of universities and in turn, enhance the quality of life and economic vitality of our communities.

This new paradigm for cross-sector partnerships can also provide great benefits to universities through the support of their programs of research and scholarship and the addition of high-cost, technically sophisticated facilities and infrastructure necessary to support nationally competitive research, even in a time of great financial constraint. Most importantly, such partnerships can strengthen and energize the research environment for faculty and students alike. We also recognize the potential complications and tensions in a relationship between external partners and individual researchers whose role it is to follow their research wherever it may lead.

Freedom in research is fundamental to the advancement of truth. Freedom in teaching is fundamental to the protection of the rights of the student in learning. The university has a responsibility to society to defend such freedoms and to ensure that those engaged in academic pursuits can freely and effectively execute their responsibilities.

For example, our universities' biomedical scientists can benefit greatly through collaborating with, and receiving research funding from, major pharmaceutical companies. Our scientists and companies both wish to advance knowledge toward the end of enhanced health for our citizens. However, the fact that pharmaceutical companies must, ultimately, generate a profit from new discoveries must be recognized up front and appropriate protections built into the partnership agreements to preserve the academic freedom of our faculty.

The case of Nancy Olivieri exemplifies the difficulties of such relationships. Dr. Olivieri, a professor of paediatrics and medicine at the University of Toronto and a researcher at the Toronto Hospital for Sick Children, discovered unexpected risks in a new drug she was helping develop for a blood disorder. When she moved to inform patients and to speak out about the results, the drug company sponsoring the research cut off funding and threatened legal action, claiming she had violated the terms of the research contract. The case symbolizes the precarious nature of academic freedom and the need for institutions to uphold these essential freedoms for faculty engaged in both basic and clinical research.

The David Healy case also raises concerns. The prominent British psychiatrist found his offer of a post to a major teaching hospital rescinded after he criticized a popular form of antidepressants at an international colloquium in Toronto. He charged that large pharmaceutical companies may be avoiding research that reveals the hazards of their products.

While media interest in such cases raises their profile considerably, one does wonder at the number of untold stories of attempts to stifle free inquiry. Clearly, the concept of academic freedom must be preserved.

Freedom in research is fundamental to the advancement of truth.



COURTESY OF DIANE KELLY

This photo is thought to have been taken at the University Council dinner and Distinguished Service Awards presentation in 1982. Former Vice-Principal, Health Sciences and Professor of Medicine, the late Garfield Kelly, is second on the right and former Chancellor Agnes Benidickson is on the far right. Those who can help with the identification of the two other people in the photo are encouraged to email gazette@post.queensu.ca.

Letters

In the article, "Where are all the women scientists?" (Feb. 22), five prominent Queen's women scientists offered their views on why so few women pursue science as a career. This stemmed from Harvard University president Lawrence Summers comments that the under-representation of women scientists at universities might stem in part from "innate" gender differences in scientific aptitude. His comments ignited widespread debate. The *Gazette* article also generated several letters from readers.

Scientific aptitude has different definitions

I am male and head of a biomechanics research group at EPFL in Lausanne, Switzerland. Incidentally, my first two PhD students have been female.

Having pursued my career within a never-dull climate of political correctness and affirmative action, I read the comments of your female professors featured in "Where are the women scientists?" with great interest.

One conclusion that might emerge from their comments is that depending upon how one

defines "scientific aptitude" (for example, effective competition at the career level as opposed to standardized test scores in grade school), then they all basically agree with Lawrence Summers' comments. The problem may be that his comments are too easily misinterpreted and therefore irresponsible, or that society's expectations of its academics might need refinement, but not that what he said was categorically false under all reasonable interpretations.

Personally, I'm willing to let him off the hook; he made an irresponsible comment, but in the context of making a potentially valid point.

Similarly, I'm willing to let Prof. Walker off the hook for her even more irresponsible comments that male scientists succeed because they tend to be "monotheists" with "dropped stitches in their humanity."

But I can't help wondering what standards Lawrence Summers might have been held to had he been equally colourful in his choice of words.

Tom Quinn,
Queen's Engineering Physics 1989
Lausanne, Switzerland

Article neglected struggling women scientists

I found your article looking at factors contributing to the paucity of women pursuing academic careers in science very interesting.

I'm disappointed, however, that you only interviewed women who are already at the peak of their successful careers in science and you neglected to hear from the women who are currently engaged in the struggle.

As a Queen's graduate, for both my undergraduate in Biology and my Master's in Epidemiology, I have had the honour of meeting and being taught by some of the respondents in your article. These are all impressive, hard-working and talented women and I feel that their contribution to understanding this important issue is extremely valuable.

I do not believe, however, that you can fully understand the considerable barriers faced by women who choose science as a profession if you do not also speak with the women who have

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Letters Policy

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

Viewpoint Policy

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

The constantly moving, magical dance of youth

One of the great enigmas, mysteries of this Castle of the Dervishes is just how much energy there often seems to be concentrated in such a very small space – all essentially directed at, contributing to the fundamentally uplifting experience sought by each of the practitants... Enlightenment comes in many forms, but ultimately it must be akin to learning to dance and fly at the same time.

For those who live in, or pass through this magical maelstrom, the castle stretches the metaphors. Indeed, without such poetic recourse, the threshold of understanding, expressing and sharing the experience is never really broached. Ask any student trying to email Mum and Dad back home about what they are doing and becoming across the ocean...

Winter 2005 had indeed been a whirl! Arrival, orientation, classes, concerts, volunteerism, field studies through the UK, the mid-term trip to France and Belgium, burning up calories in the gym, the Vagina Monologues, Chinese New Year, Robbie Burns night, pub quizzes, karaoke, Berlin, Wales, independent travel, the Holocaust oratorio in a Saxon-Norman church, more classes...

Visitors from home, university visitors from Queen's, McGill, Dalhousie, SUNY, UBC, Elizabethtown; budget meetings, planning meetings, staff renewal, recruitment for terms yet to



Notes From Herstmonceux

David Bevan

come, tidying up leftovers from terms just past...

And so little ever seems banal or everyday, few things are blasé, all seem to gyrate in an endless round of passionate renewal and discovery.

For those who live in, or pass through this magical maelstrom, the castle stretches the metaphors.

Outside, the fates conspire this year to clothe this place in a rare, becoming whiteness ("a severe blizzard that could well see devastation tomorrow on all roads in the South East" declares the BBC, "possibly as much as two centimetres.") Inhibited by the unseasonal cold, but thirst-

ing nevertheless in their turn for their own particular light, the daffodils, crocuses, bluebells begin to thrust upwards towards that energy they sense and recognize around them. The ducks, too, are in movement, migrating insistently towards the castle's inner courtyard sanctum, seeking protection for their imminent progeny from the ever-wheeling, attentively voracious jackdaws, greedy inevitably for their own sustenance and that of their own soon-to-be fledglings.

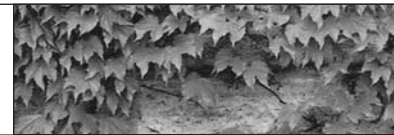
Inside, already now the frenzy of final assignments announcing the still greater whirlwind of exams to come, and thereafter the climactic partying, the hurtling preparation of suitcases and backpacks... before the sad, sad, severing of dispersal.

It will take time for this magical dance of youth, in a place that has, happily, as much of a Shangri-la to it as of a modern university, to be placed fully in perspective by each of its initiates of Winter 2005... but illumination will most surely come...

And, in the meantime, a new set of acolyte dervishes is already preparing their things, gyrating, only slowly at this point, but nonetheless ineluctably, towards their own discoveries as soon-to-be celebrants in the rites and flights and fancies of Spring 2005...

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

UNIVERSITY ROUNDUP



Administrators' salaries on the rise

For almost a decade now, the salaries of senior college administrators have risen faster than U.S. economic inflation, according to a recently released trade association survey. Although Dartmouth College did not participate in the study, salaries for top administrators at the college have also increased in recent years. The College and University Professional Association for Human Resources reported the overall median salary for high-ranking positions is up 3.3 per cent over last year, putting it higher than the Consumer Price Index for the eighth consecutive year. Adam Keller, Dartmouth's vice president for finance and administration, said he was a bit surprised by the survey results in light of concerns over shrinking endowments. Dartmouth President James Wright received a total of \$460,166 in salary and benefits for the 2002-03 academic year, up 3.4 percent from the previous year. Provost Barry Scherr netted \$319,384 in salary and benefits the same year, up 11 per cent. "I don't think our pay is particularly high," Mr. Keller says. He received an opening salary package of \$315,523 when he joined the college two years ago, and says he could be making more money in the private sector. He also noted that a limited pool of qualified administrators means the marketplace often determines the salary needed to attract a potential hire.

The Dartmouth, March 7

Insuring libraries for less

If a university library burned to the ground, it is unlikely the institution would, or could, go and buy a new copy of every book and document. So why then would universities pay premiums to insure resources that would not be replaced? The Canadian Universities Reciprocal Insurance Exchange (CURIE), a collective of 50 Canadian institutions tackled that question recently. CURIE looked at what percentage of library assets would actually be replaced in the event of a catastrophic loss, and how to factor obsolescence into the formula for calculating premiums. For the University of Saskatchewan, the results meant a saving of \$51,079 on its property insurance premium for 2005. Obsolescence has always been an issue with library claims, says Nowell Seaman U of S risk management and insurance services manager. Outdated materials would be replaced by newer material, or available via new technology such as the Internet.

On Campus News, March 4

University towns: hot job markets

From Bryan-College Station, Texas, to Madison, Wis., America's college towns are producing more than diplomas – they have become job machines. The cap-and-gown nests, in fact, have some of the fastest economic growth and lowest jobless rates in the nation. This reflects a change in the way many universities now think of themselves: The ivory towers have been replaced by research parks working on cutting-edge technologies from stem-cell research to fuel cells. "In this recovery and expansion, the strongest-growing areas are education, government, and healthcare, and you tend to see all these things in college towns," says Fiona Sigalla, an economist at the Federal Reserve Bank of Dallas. "They are also places that have not seen major restructurings like our manufacturing and high-technology service sectors, which are a drag on economic growth."

The Christian Science Monitor online edition, March 7

Edited out

Marquette University will not renew the contract of the campus newspaper's faculty advisor, a decision that has prompted scrutiny by a national journalism society. Thomas S. Mueller, who has advised the Marquette Tribune since 2001, says administrators ordered his dismissal because they were angered by a number of stories the newspaper had published recently. In the 2003-04 academic year, the paper released the name of a professor who had contracted tuberculosis. It also published the address of an apartment complex where a sexual assault had occurred, arguing that the victim's identity would be protected, because about 50 people lived there. "The university has a great newspaper, but they don't understand that the newspaper is not a public relations organ," says Mr. Mueller. William R. Elliott, dean of the College of Communication, denies that other administrators told him not to renew. "Like every journalism program, we cherish the First Amendment."

The Chronicle of Higher Education, Feb. 25

'Campus Alberta' vision expands

Students in Alberta will have greater learning opportunities under an agreement announced between the University of Alberta and Olds College Feb. 28. Students from both schools now have greater freedom to transfer and it allows both students and teachers shared access to research facilities, among other opportunities. "Olds College has an excellent reputation, and we're excited to be able to offer our students and faculty members at the University of Alberta more opportunities in Olds," says Rod Fraser, president of the University of Alberta.

University of Alberta folio, March 4

Compiled by Celia Russell

Letters

LETTERS: continued from page 4

been overcome, discouraged, or at the very least delayed on their career path by these barriers. As a woman who has been impacted by the difficulty of juggling a family and pursuing an academic career in science, I am struck by the lack of a political voice that women in my position have.

You rarely hear from the women who did NOT go on to do a Master's or PhD for whatever reason, or the women who spend an exceedingly long time in order to achieve their goal.

I personally think that the problem is a multi-layered one involving socialization of young girls, as suggested by Dr. Glasgow, some biological differences in learning styles, as pointed out by Dr. Baillie, but most importantly, differences in social expectations, structure and incentives for employment and career advancement. Drs. Wynne-Edwards and Walker emphasize this.

Even the structure of a PhD program can affect a woman's success if she wants to have children or already has a family. I echo Dr. Cole's desire that some social scientist delve into this issue, but you may do your part by producing a journalistic piece of greater depth and breadth.

Those of us engaged in the struggle understand these issues well; they simply have not reached the ears of those who can make a difference (i.e. presidents and provosts of universities, senior academics and department heads, provincial and federal governments).

Thank you for touching on this important topic. I hope you

will attempt to look into this with greater depth in the future.

Marisa Creatore,
MSc, PhD(candidate)
Centre for Research on
Inner City Health,
St. Michael's Hospital,
Toronto

The other side needs to be heard

I have over the years become profoundly alienated by the ultra-political correctness at Queen's, to the point where I barely bother to read the Gazette any more. Discussions have become so one-sided; there is a sense of drabness that has settled over much discourse at the university.

For example, why does the

"Yet at Queen's, only politically correct views are to be printed."

Gazette single out the under-representation of women scientists, without similarly discussing the under-representation of men primary school teachers? Or do you care? Roughly, 65-plus per cent undergraduates at Queen's are women, and over 50 per cent of masters students are women. So, is there a meaningful problem of under-representation of women at Queen's?

Any intelligent article would attempt to balance the discussion. Yet at Queen's, only politically correct views are to be

printed.

With the one-sidedness comes an anti-intellectuality that allows overt sexism to creep in, such as in Virginia Walker's response. She says there are significant numbers of men students who are able to put their lives on hold and single-mindedly follow their studies to the exclusion of almost all other activities.

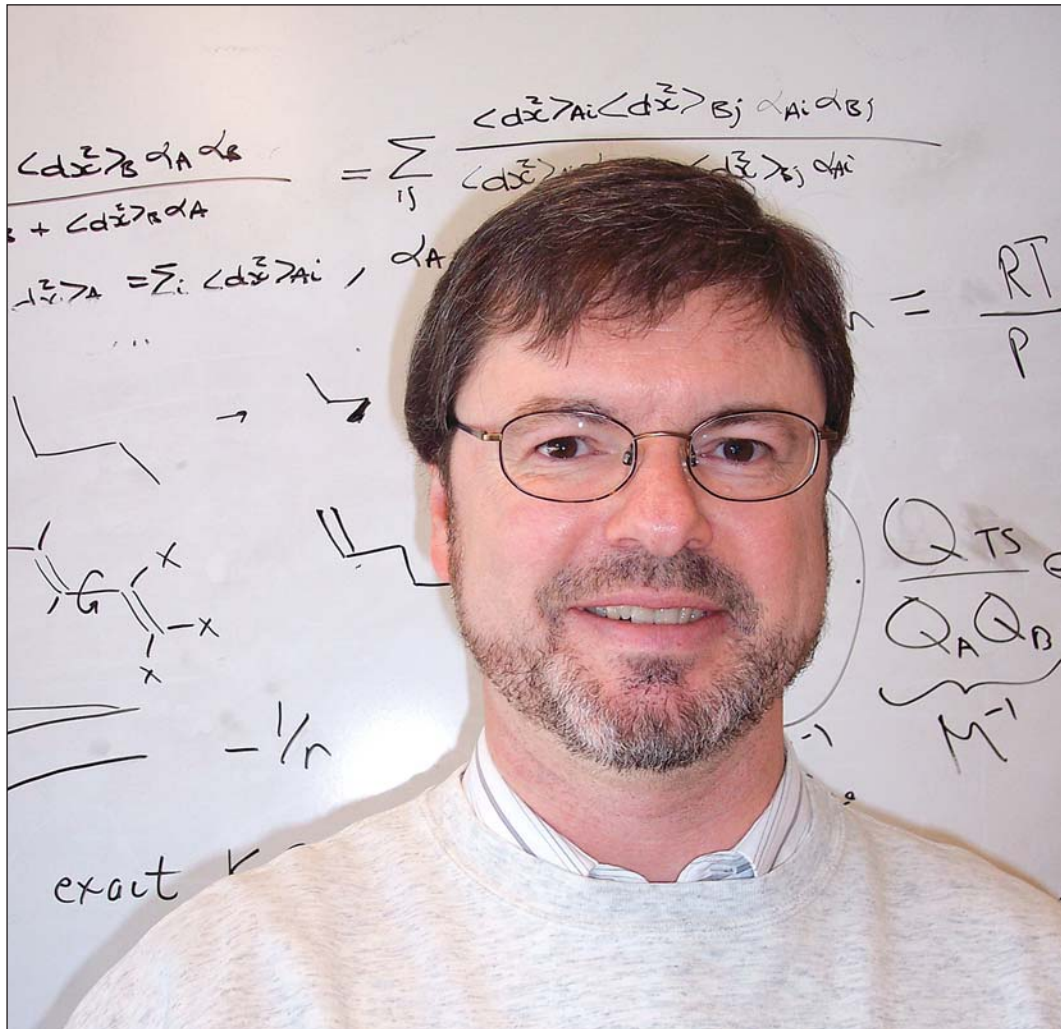
She says, "As a result, these monotheists often win scholarships, the jobs, the acclaim and, perhaps most significantly, colour society's perceptions about what a scientist should look like. Why this male-dominated group exists is a puzzle I cannot answer, but I do know it is wrong to always reward their choices above those who chose another path..."

I believe this quote is very sexist, and particularly intolerant to men in science who choose to devote their lives to their studies. I did my PhD at Queen's (in economics), and my four years at Queen's, out of survival, was one of monotheism – where one studies nearly all the time.

I think Dr. Walker's remarks are hurtful as well as sexist, since they state that people like me lead shallow, unrewarding lives. People who research and write, people whom Dr. Walker denounces, ought to be rewarded as positive contributors to society. Her piece suggests that universities ought to discriminate against this group of mostly men.

David Murrell
Queen's PhD 1988
Department of Economics
University of New Brunswick

Chemistry prof wins Killam Fellowship



COURTESY OF AXEL BECKE

Killam winner Axel Becke is a leader in the development of a relatively new approach to computational chemistry known as density-functional theory.

AXEL BECKE
IS ONE OF
ONLY SEVEN
NEW RESEARCH
FELLOWS

By NANCY DORRANCE
News and Media Services
Chemistry professor Axel Becke is one of seven outstanding Canadian researchers to be named a new Killam Research Fellow for 2005. Seven continuing Killam Research Fellows have also been renewed for a second year.

"This is terrific news," says Vice-Principal (Research) Kerry Rowe. "Queen's top ranking in major faculty awards among Canadian universities is the direct result of our researchers' continued success in research prize and award competitions such as the Killam program. This very prestigious Fellowship recognizes the tremendous impact that Dr. Becke's work has had over the past decade in the chemical and physical sciences. We wish him continued success in advancing this research through the tenure of his Killam."

Dr. Becke is internationally renowned for his research in the field of computational chemistry: the simulation of molecular structures, energies, and chemical reactions by computer calcu-

lations. His best-known work, published in 1993, was the most-cited Canadian paper of the 1990s, and the second most cited in the world.

A Fellow of the Royal Society of Canada, Dr. Becke is a leader in the development of a relatively new approach to computational chemistry known as density-functional theory.

This theory allows scientists to perform computer simulations on much larger problems than are possible with other approaches, opening the way to exciting new applications in chemistry, physics, materials science, and biology.

Killam Research Fellowships allow outstanding scholars engaged in research projects in the humanities, the social, natural and health sciences, engineering, and interdisciplinary studies within these fields to devote two years to full-time research and writing. Queen's has received 38 Fellowships since the program's inception in 1968.

Among the country's most prestigious research awards, the Killam Fellowships are administered by the Canada Council for the Arts. These awards are funded through lifetime and testamentary gifts to the Canada Council from Mrs. Dorothy J. Killam. This year's Killam Fellowships total \$1.47 million.

www.canadacouncil.ca/prizes/killam/

Queen's group plays role in cancer breakthrough

By NANCY DORRANCE
News and Media Services

Findings that a new chemotherapy treatment significantly improves survival for brain tumour patients are the result of a large international study conducted by the Queen's-based National Cancer Institute of Canada Clinical Trials Group (NCIC CTG) in collaboration with the European Organisation for Research and Treatment of Cancer (EORTC).

People suffering from glioblastoma multiforme – an aggressive form of brain cancer that is difficult to treat – experienced a 20 per cent increased survival rate when the chemotherapy drug, temozolomide, was added to their radiation treatment.

As well, analyses of tumours from the trial subjects allowed the identification of those patients most likely to benefit from this type of treatment. These findings are leading to a

new standard of care for patients with the fast-growing cancer that frequently affects previously healthy younger men and women, says the NCIC Clinical Trials Group director Joe Pater.

Lead investigator for the study is Roger Stupp, of the University of Lausanne in Switzerland. Queen's members of the team are Elizabeth Eisenhauer (Oncology), director of the CTG's Investigational New Drug (IND) program, and Samuel Ludwin (Pathology and Molecular Medicine), who was the Canadian reference pathologist for the study.

"This is a good example of how international cooperation between clinical research organizations like ourselves and EORTC can generate results that are important both for patient care and for understanding cancer," says Dr. Pater. "The study was led by the EORTC, but we were partners in developing the concepts tested in the trial, in enrolling

patients, and in providing the tumour specimens that were crucial to the analysis of the molecular changes that were associated with better outcomes."

Until now there have been few treatment options for glioblastoma patients, the majority of whom die within a year of their initial diagnosis. The study found that close to 30 per cent of patients with this form of cancer who were treated with a combination of the drug temozolomide and radiation therapy survived for two years or more, compared to 10 per cent of patients who received radiation therapy alone.

More than 80 institutions throughout Canada, Europe and Australia participated in this clinical trial. Since its inception in 1971 the Clinical Trials Group, supported by the Canadian Cancer Society, has enrolled more than 30,000 Canadians in more than 300 trials, with thousands more enrolled internationally.



BERNARD CLARK

Joe Pater, director of the Queen's-based National Cancer Institute Clinical Trials Group and Elizabeth Eisenhauer, director of the CTG's Investigational New Drug (IND) program.

Health researchers receive \$3.3 million from CIHR

Researchers studying diseases such as schizophrenia that affect facial signals, the paternal role in nurturing, and new drugs to lessen the tissue damage from stroke and heart attacks are among eight Queen's projects awarded a total of \$3.3 million from the Canadian Institutes of Health Research (CIHR).

Across Canada, 571 health research projects received more than \$222 million in funding.

"My congratulations to the recipients for their success in this competition," says Vice-Principal (Research) Kerry Rowe. "Health research touches the lives of Canadians everyday and we look forward to the outcomes of this research eventually contributing

to the health and well-being of our citizens."

Susan Lederman (Psychology) has been awarded \$501,470 over five years to research haptic face processing. Dr. Lederman's team will investigate how through touch people are able to identify faces and recognize facial expressions, and diagnostic tools may be identified to enable monitoring of the progression of diseases affecting the processing of facial signals (schizophrenia, autism and Alzheimer's), as well as emotional disorders due to motor problems such as Parkinson's.

Katherine Wynne-Edwards (Biology) will study the biological

basis of the paternal role in the nurturing process through investigating the role of hormones in the brain as it forms this profound bond. She receives \$483,280 over five years for her innovative work studying one of the most profoundly positive human experiences.

Peter Davies (Biochemistry) receives \$745,575 over five years to study the effect of hyperactive and unregulated calpains (enzymes regulated by calcium ions) on cells. His discovery of a new method to examine the structure of calpain in the presence of calcium will facilitate the development of new and improved drugs to lessen the tissue damage that occurs as a con-

sequence of stroke, heart attacks and neurodegeneration.

Other Queen's recipients are: **Kristan Aronson** (Community Health and Epidemiology), "Selective serotonin reuptake inhibitors and breast cancer" - \$241,998 over 3 years;

Ian Janssen (School of Physical and Health Education), "Obesity, sarcopenia and health risk in the elderly" - \$159,744 over 3 years;

Michael Kawaja (Anatomy and Cell Biology), "Intraspinal implantation of olfactory ensheathing cells to enhance recovery after spinal cord injury" - \$285,174 over 3 years;

Kenneth Rose (Physiology), "Input-output properties of neck

motoneurons: The role of dendritic structure" - \$477,495 over 3 years;

Michael Adams (Pharmacology and Toxicology), "Antihypertensive drug-induced persistent lowering of pressure" - \$444,388 over 4 years.

The CIHR is the federal government's premier agency for health research. Its objective is to excel, according to internationally accepted standards of scientific excellence, in the creation of new knowledge and its translation into improved health for Canadians, more effective health services and products and a strengthened Canadian health care system.

Aspirin used to treat pregnancy disorder IN BRIEF

By NANCY DORRANCE
News and Media Services

A new study led by Colin Funk (Biochemistry and Physiology) provides indirect support for the use of low-dose aspirin therapy in preventing and treating pre-eclampsia – a pregnancy disorder that is often harmful to both mother and fetus.

This treatment strategy is controversial, since it has been associated with complications such as thrombosis (blood clotting) and problems with labour. However, the new study shows that “the rationale for low-dose aspirin therapy to prevent or delay pre-eclampsia without compromising reproductive function, or increasing the possibility of thrombosis, is definitely

a feasible therapeutic strategy,” says Dr. Funk.



Funk

Recently appointed as Canada Research Chair in Molecular, Cellular and Physiological Medicine, Dr. Funk is an expert in the study of

prostaglandins: molecules that function in almost every bodily system. The production of prostaglandins is blocked by taking aspirin.

Other members of the research team are from the University of Pennsylvania, where Dr. Funk was on faculty before

coming to Queen's through a Canadian Institutes of Health Research (CIHR) program. The study results are published online in the international *Journal of Clinical Investigation*.

Pre-eclampsia, which strikes five to 10 per cent of all pregnancies, is characterized by high blood pressure in the mother, and is one of the leading causes of baby and maternal deaths in developing countries.

It is believed that the development of new treatments for pre-eclampsia and the early identification and management of this risk in both groups may prevent the onset of long-term heart disease.

In the current study, the research team created a model

that mimics low-dose aspirin therapy in mice. They found that the uterine and ovarian environments were altered only slightly, and the mice experienced normal induction of labour, normal litter size, and development of offspring.

“This new mouse model will have significant value in studying the implications of low dose aspirin in several pathological conditions, such as pre-eclampsia, thrombosis, and inflammatory disorders,” says Dr. Funk. “We're hopeful that our model will lead the way to further treatment options for these debilitating conditions.”

Funding for the study came from the U.S. National Institutes of Health.

“New opps” for young researchers

Three promising young Queen's researchers have been awarded a total of \$424,468 from the Canada Foundation for Innovation (CFI) New Opportunities Fund.

Luke Bisby (Civil Engineering) receives \$104,468 to examine the high-temperature performance of fiber reinforced polymers. This work will further our understanding of the fire safety properties of these high-strength, non-corrosive and lightweight materials, which may be utilized in a range of building applications.

Hagit Shatkey and Parvin Mousavi (Computing) employ highly sophisticated computing technology to support the prediction and explanation of complex biological and genetic processes. This research, funded for \$220,000 under the CFI program, contributes to our understanding of a number of diseases, and may lead to earlier diagnosis and treatment.

Subramania Sudharsanan and Li Shang (Electrical and Computer Engineering) receive \$100,000 toward their research on the development of a malleable computing system that can provide reliable, cost-effective, high-performance solutions for a wide range of applications in multimedia, bioinformatics and communications.

“Innovative and exciting research is happening at Queen's,” says Vice-Principal (Research) Kerry Rowe. “We are grateful for the support of the Canada Foundation for Innovation, which is enabling these outstanding young researchers to contribute to the well-being of all Canadians through the development of more durable construction materials, the design of high-performance computing technologies, and advances in bioinformatics.”

Queen's garners 13 new PREAs

Thirteen researchers have received new Premier's Research Excellence Awards (PREAs).

The awards were created in 1998 to help Ontario's world-class researchers attract talented people to their research teams and to encourage innovation among the province's brightest young researchers at universities, colleges, hospitals and research institutes. PREA winners receive up to \$100,000 from the Ontario government and \$50,000 from their university, to further their research.

“Congratulations to our most recent PREA recipients,” says Vice-Principal (Research) Kerry Rowe. “These prestigious awards recognize the exceptional calibre of their work, as well as their potential to make a real difference in the lives of Canadians. We are delighted that the Ontario government is providing much needed support through this important program, which will allow these researchers to expand their research programs and increase training opportuni-

ties for highly qualified personnel on their research teams.”

Richard Brachman (Civil Engineering) employs innovative large-scale experiments to measure the physical response of polymer structures such as pipes, manholes and liners.

“These prestigious awards recognize the exceptional calibre of their work.”

Kerry Rowe

Catherine Cahill (Pharmacology and Toxicology) studies the mechanisms that underlie chronic neuropathic pain in order to aid the development of new approaches to pain relief.

Mark Chen (Physics) is developing an innovative liquid scintillator detector at the Sudbury Neutrino Observatory to yield new data in particle physics,

astrophysics and geophysics.

Mark Diederichs (Geological Sciences and Geological Engineering) is working to develop advanced engineering techniques for excavating, tunnelling, and boring through hard rock.

Jun Gao (Physics) is studying novel planar polymer light-emitting electrochemical cells, which are the world's largest solid-state light-emitting devices.

Saeed Gazor (Electrical and Computer Engineering) is developing practical adaptive signal processing algorithms to enable future communication systems to sustain higher bandwidth.

Michael Greenspan (Electrical and Computer Engineering) aims to advance “machine vision” with the development of a new framework for recognition of motion in image sequences.

Martin Guay (Chemical Engineering) employs applied statistical techniques and non-linear control theory to the analysis and the control of chemical processing.

Paper links poverty and health to social justice

By SARAH WITHROW
News and Media Services

A Dietitians of Canada position paper by food sociologist Elaine Power asks dietitians to advocate public policies that will ensure families have adequate financial resources to purchase sufficient, safe and nutritious food.



Power

“reduce health inequities through the pursuit of social justice.”

“Research consistently demonstrates that individuals in food-insecure households are at increased nutritional risk and have poorer health,” says Dr. Power (Physical and Health Education). “Lack of money makes it more difficult to purchase foods required to manage medical conditions, leading further to poor health.”

Dr. Power says that individuals on social assistance do not receive enough money to buy enough food to meet the Market Basket Measure developed by Human Resources Development

Canada in 2003. This measure is based on the cost of purchasing a prescribed set of basic necessities including food, shelter, clothing and transportation.

“Food expenses are one of the more elastic components of the household budget, and can be strategically managed to accommodate other income demands,” Dr. Power notes in her paper. During cold snaps, poor children have been shown to consume 10.9 fewer calories and poor households to have reduced their food expenditures by an amount that corresponds with increased home heating costs. Government policy changes during the 1990s have had a negative impact on Canadians' economic and food security, including: the restructuring of unemployment insurance, restricted eligibility for social assistance and a decline in benefit levels in most provinces, and the “claw back” of the National Child Benefit Supplement.

“Current solutions for hunger are missing the boat,” says Dr. Power. During the 1990s, poverty rates fluctuated between a low of 15.3 per cent and a high of 18.6 per cent.

“Canada lacks a co-ordinated, systematic plan for monitoring food insecurity either nationally or provincially.”

Among its recommendations, the paper calls on the Dietitians

of Canada's 5,000 members to combat poverty by:

- Working in coalitions to advocate improvements to social assistance, raise minimum wage rates, establish affordable housing, eliminate the Canada Child Tax Benefit claw back for families on social assistance, improve employment insurance coverage and benefits, and provide accessible and affordable child care;
- Conducting and publicizing research supporting such policies to strengthen the social safety net (such as by comparing healthy diet costs, housing, and other living expense with social assistance and minimum wage rates);
- Voting for candidates who support improved social programs.

The paper states that in 1998-99 approximately three million Canadians (ten per cent of the population) reported food insecurity in the previous year. “The most severe food insecurity, when someone went hungry because of lack of money, represented 4.1 per cent of Canadian households including 338,000 children.

Dr. Power has plans to meet with local providers of hot meals in the coming month to discuss how they might fight for improvements to Canada's social safety net.

QUICK, CHEAP, TASTY AND NUTRITIOUS



STEPHEN WILD

Bob Blumer, known better as television's *Surreal Gourmet*, challenged students at Leonard Cafeteria recently to concoct a fabulous meal without blowing the budget. He's about to prepare a seven-minute angel-hair pasta dish for under \$2.

Turning the tide on the obesity epidemic

Health Canada and the Canadian Society for Exercise Physiology recently released Canada's Physical Activity Guide for Children and Youth. To help us understand the factors affecting children's physical activity and the impact on their well being, the Gazette posed these questions to Peter Katzmarzyk (Physical and Health Education), an expert in physical activity epidemiology.

G: Is there an increasing trend towards obesity in Canadian children? Why?

PK: Yes, the prevalence of obesity among children and youth has increased five fold over the last 15 to 20 years. In 1981, only two per cent of Canadian children were considered obese, whereas today more than 10 per cent are obese. These numbers reflect only those who would be defined as obese. Another third of Canadian children are considered overweight. It is unclear exactly what has led to this dramatic increase over such a short time frame, but it is undoubtedly something that has had a significant impact on the physical activity and dietary behaviors of Canadian youngsters.

G: What environmental factors contribute to obesity in children?

PK: Our modern society is obsessed with efficiency. We have managed to engineer physical activity out of our daily lives with timesaving measures and devices such as remote controls, computers, drive-through windows, etc. These technological advances

have come at a cost – we are now seeing a dramatic increase in obesity and related disorders. In children there is also a concern over extended periods of leisure-time that are spent in sedentary activities such as watching television or playing video games. Although performing these activities is an individual choice, the environment we have fostered as a society is very conducive to these sorts of behaviours.

G: What behaviours contribute to obesity in children?

PK: Obesity is a condition that results from a chronic energy imbalance where energy expenditure (mainly physical activity) is less than energy intake (dietary intake). Experts disagree on the relative importance of the role physical activity versus diet plays in the current obesity epidemic in children. I believe that both are important and that both have likely contributed to the increase in obesity we have observed. Comprehensive obesity prevention and treatment strategies will likely only be effective if both sides of the equation are addressed.

G: What is the relationship between obesity and health in children?

PK: Among adults, obesity is a condition that is associated with heart disease, stroke, type 2 diabetes and many cancers. Children are rarely afflicted with these chronic diseases, but obese kids have a greater risk of having risk factors for these adult disorders,

PETER KATZMARZYK

Q&A

including elevated levels of blood cholesterol, blood pressure and fasting blood sugar. Obese children also have a higher risk of remaining obese as adults and having an elevated risk of chronic diseases in adulthood. Obesity in childhood also has social and psychological impacts that may result in varying degrees of social isolation.

G: Do parents play a role in childhood obesity?

PK: Parents are strong role models for their children. It is important that parents set good examples for their children, particularly when it comes to healthy lifestyle choices. A parent lying on the couch and telling a child to go outside and play sends a conflicting message. Indeed, the most successful childhood obesity treatment programs are those that also involve one or more of the child's parents.

G: What are some steps to changing behaviours that lead to obesity?

PK: Changing behaviour is a daunting task, particularly for the prevention and treatment of obesity. Behaviours involved in the development of obesity – physical activity and diet – are behaviours that we must all follow on a daily basis to some extent. We need to move and we need to eat. Consequently, the prevention and treatment of obesity means making lifestyle choices that are more complex than those associated with some other health behaviours. For example, changing lifestyle behaviours around other public health issues such as smoking and seat-belt use has been somewhat easier. For smoking there is clearly a target, and because smoking tobacco is not something that we need to do to survive (unlike eating), the message to "stop" smoking, although difficult for some people, is a straightforward one. Similarly, the promotion and legislation of seat belt use was straightforward and involved a distinct health-enhancing behaviour. Unfortunately, reversing the obesity epidemic won't be that easy as there is no clear behavioural "target". Although the bottom line will involve a combination of eating less and moving more, the education of the public on how to accomplish this at the individual level will be much more complex. The context of physical activity and diet behaviour in Canada differs according to age, gender, ethnicity, socio-economic status, and geography so these factors must also be considered when developing public health messages and interven-

tions for obesity.
G: In mounting a campaign against obesity, do we risk increased incidents of other kinds of eating disorders?

PK: Unfortunately, there is no easy answer to this question. Some people think that this may be the case. As our population becomes heavier overall, we are moving away from the "social" ideal for body size and shape – that of being thin and curvaceous. This increases the likelihood of people having body dissatisfaction with trying to maintain an incredibly more difficult body weight. Some would argue further that the increased media coverage surrounding obesity may exacerbate this problem but I think the jury is still out on that. I believe part of the answer is to not focus so much on "obesity" per se but promote healthy lifestyles that include physical activity and proper diet.

G: Is there a role for government to play in fighting obesity?

PK: Yes, I think that government leadership will be key to turning the tide on the obesity epidemic. Government has the ability to put in place policies around healthy lifestyles that can be far-reaching and that will have impact. The problem of obesity cuts across many different government agencies, including health, education, and transport so it will be interesting to see who takes the greatest leadership role in this area in the coming months and years.

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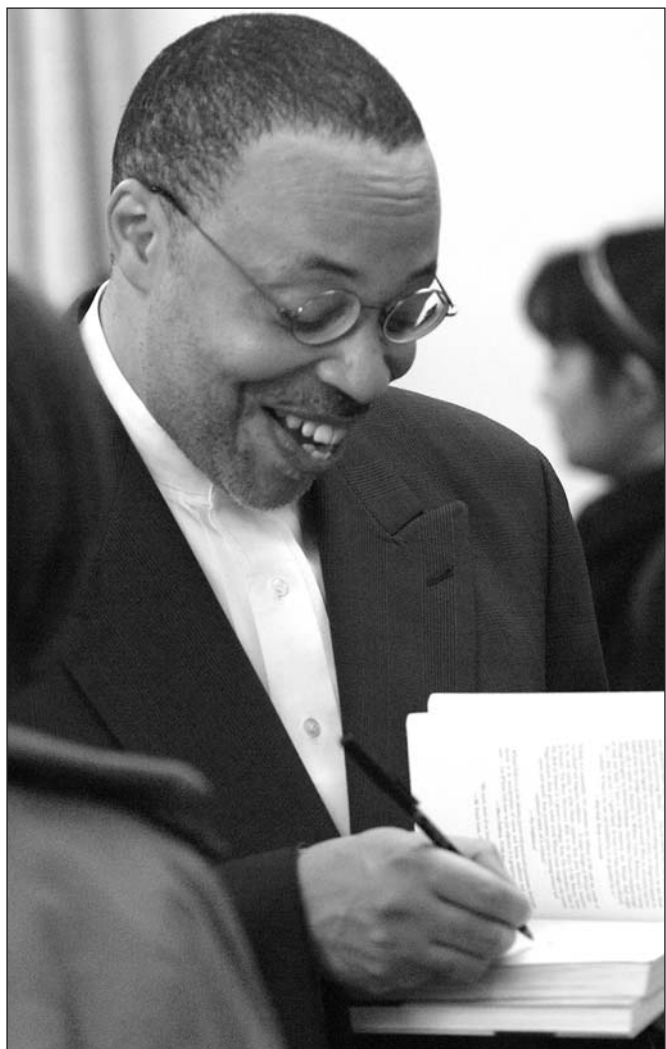
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DELIGHTED TO SIGN



STEPHEN WILD

Award-winning writer George Elliott Clarke smiles as he signs a book after delivering the 2005 Robert Sutherland lecture recently at the John Deutsch University Centre. Winner of the 2001 Governor General's Literary Award for Poetry, Queen's alumnus Dr. Clarke is an author of a new work of fiction, *George and Rue*.

Experts address gun-related violence and international child abduction

QUEEN'S IN THE NEWS

Highlights of Queen's experts in the media

■ March 3 - 15

Jim Ridler (Business) discusses business-ethics education in the *Globe and Mail*.

Kim Nossal (Political Studies) comments in the *Globe and Mail* about MPs who help constituents and then receive political support from them.

Doug Brown (Policy Studies) comments on the front page of the *National Post* about asymmetric federalism.



Bailey

Martha Bailey (Law) comments in the *National Post* about the Hague convention on international child abduction.

Tom Axworthy (Policy Studies) discusses gun-related violence in the *Toronto Star* and the current liberal leadership in the *Kingston Whig-Standard*.

John Rapin (Medicine) comments in the *Toronto Star* about new regulations for foreign-trained doctors who want to practice in Canada.

Vernon Quinsey (Psychology) discusses the killing of blood relatives in the *Ottawa Citizen*.

Ross Finnie (Policy Studies) comments in the *Ottawa Citizen* about a new educational savings program that benefits wealthy families.

Elaine Power (Physical and Health Education) discusses the high incidence of food insecurity for poorer Canadians in the *Canadian Press* and *Broadcast News*, the *Ottawa Sun*, *Edmonton Sun*, *Cornwall Standard-Freeholder*, *Pembroke Observer* and on *CBC Radio* regional news.

Doug Bland's (Policy Studies) opinion piece about the current national defence structure and increased funding appears in the *Ottawa Citizen*.



Lindsay

Rod Lindsay (Psychology) comments in the *Toronto Sun* about eyewitness identification.

Research by **Alan King** (SPEG) about Ontario's new four-year, post-secondary curriculum is highlighted in the *Hamilton Spectator*.

An opinion piece by **William Leiss** (Policy Studies) about risk assessment and mad cow disease appears in the *Edmonton Journal*.

Ross Finnie (Policy Studies) comments in the *Saskatoon StarPhoenix* about education savings plans.

Joe Pater (NCIC) comments in the *Kingston Whig-Standard* about a new therapy that prolongs life for some people with a fatal type of brain cancer.

John Smol's (Biology) recent global warming research continues to receive coverage, most recently on *CBC* online, the front page of *Le Soleil*, *CBC Radio* national news, *CKNW Radio* (Vancouver) and in *La Presse*.

Bruce Pardy (Law) comments on *CBC Radio's* *Ontario Morning* about the recent water contamination crises in Stratford, Ont.

Mary Louise Adams (Physical and Health Education) is interviewed on *CBC Radio's* *Ontario Morning* about hockey, gender and nationalism.

Walter Rosser (Family Medicine) comments on the front page of the *Kingston Whig-Standard* about new government funding to increase family doctor training in Ontario.

Andrew Simpson (Operations and Finance) comments in the *Kingston Whig-Standard* about plans to move forward with the new *Queen's Centre*.

Building a better community

It takes a partnership of Queen's students, faculty, staff and administration, the City of Kingston and the community to ensure everyone living in the neighbourhoods directly surrounding the University enjoys a high quality of life.

The Principal's Task Force on Community Relations was launched by Queen's to review the full scope of issues related to student life off-campus and to recommend actions and/or policies to help address areas that have been identified as concerns. The Task Force is charged with examining issues such as off-campus housing, neighbourhood relations, safety and city services for students.

Please join our final community consultation session.

Thursday, March 24th
6-9 pm
Policy Studies Building, Rm 202
Queen's University

This session is open to interested members of the Queen's and Kingston communities.

You are invited to attend our final public session where the Task Force will hear from members of the community presenting their views on the state of relations between Queen's and the community. The Task Force will use this input to help inform its recommendations in helping Queen's be a better community partner.

For more details about this session, please contact Shelley Aylesworth-Spink in the Office of the Principal at 533-2763 or email sa14@post.queensu.ca.

For regular updates on the Community Relations Task Force, please visit www.queensu.ca/newscentre

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Executive Assistant Office of the Principal

Reporting to the Principal and Vice-Chancellor, the Executive Assistant will manage the Office of the Principal, ensuring a seamless flow of information, as well as leading and supporting administration, organization, data collection, communications, human resources and financial management. Overseeing staff and managing the Office budget, he/she will assume responsibility for the full range of operational and financial activities. To this end, he/she must be a resourceful, innovative individual with strong organizational, analytical, financial and communication skills. The Executive Assistant will have demonstrated interpersonal and negotiation skills to foster strong relationships with colleagues and staff, and will demonstrate acute sensitivity and good judgement in supporting and enhancing the reputation of the Office of the Principal and the University in general. He/she will have a university degree and significant managerial and administrative experience in a university environment, plus a comprehensive understanding of the administrative, academic and governance structures of a university. The minimum annual hiring salary will be \$76,185. For additional details about the position and application process, please visit our website at www.hr.queensu.ca.

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

Submission information

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

Bulletin Board

Committees

Advisory committee, Arts and Science

Bob Silverman's term as dean of Arts and Science ends on June 30, 2006. Dr. Silverman has indicated that he does not wish to be considered for a further term. In accordance with the procedures established by Senate, a committee chaired by Suzanne Fortier, Vice-Principal (Academic) will be established to advise the principal on the present state and future prospects of Arts and Science and on the selection of the dean. Suggestions for membership on the advisory committee are requested and should be submitted in writing to the Office of the Vice-Principal (Academic) by March 31, 2005.

Members of the university community are also invited to offer comments on the present state and future prospects of Arts and Science and the deanship. These comments should be submitted in writing to Vice-Principal (Academic) Suzanne Fortier. Respondents are asked to state whether they wish to have their letters shown, in confidence, to the members of the advisory committee.

University Promotion Advisory Committee members 2004 - 2005

Suzanne Fortier (Chair), Vice-Principal (Academic); Merrilees Muir (Secretary), Office of the VP (Academic); Rosa Bruno-Jofré Dean, Education; Susan Cole, Cancer Research; Judy Wilson, Acting University Advisor on Equity; Tom Harris, Dean, Applied Science; Ian McKay, History; Kathleen Lahey, Law; Frank Burke, Film Studies.

Human Resources

Milestones

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

of continuous service coming up and you do NOT wish your name to be included in the listing, please contact Faye in Human Resources at 77791. Congratulations to those who reached the following milestones in March 2005.

35 years: Bonnie Knox, Education.
30 years: Barbara Gibson, Industrial Relations Centre; Mary Jane Moore, Law.

25 years: Monika Vasa, School of Medicine.

20 years: Lori Kilminster, Arts and Science; Anne Tobin, Chemical Engineering.

15 years: Evelyn McCaugherty, Political Studies; Debbie Moses, Education Library; Joyce Parks, Parking and Grounds; Rick Pim, ITS.

10 years: Donald Allan, Printing Services; Glenn Brown, Family Medicine; Geraldine D'Amore, Student Services; Marilyn Lindsay, Psychology; Heather Lockett, Surgery.

Five years: Angela Farmer, Alumni and Donor Relations; Brenda Miesseau, NCIC; John Singleton, Cancer Research Labs.

Employee Assistance Program

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

For details on job opportunities, employee development, human resources policies see the Human Resources website at www.hr.queensu.ca

PhD Oral Thesis Examinations

Regular staff may attend PhD oral thesis examinations.

Thursday, March 24

Burton Ma, Computing. A unified approach to surface-based registration for image-guided surgery. Supervisor: R.E. Ellis, 524 Goodwin, 2 pm.

Tuesday, March 29

Catherine Paul, Microbiology and

Immunology. The glycolipids of the saprophytic spirochete, *spirochaeta aurantia*: a structural, biological and genetic investigation. Supervisor: A.M.B. Kropinski, 816 Botterell, 9 am.


Thursday, March 31

Adina-Monica Vultur, Pathology and Molecular Medicine. Role of the membrane signaling apparatus in transformation by nuclear oncogenes. Supervisor: L. Raptis, 102 Richardson Laboratory, 9:30 am.

Volunteers

Are you using the birth control pill Alesse?

Queen's Clinical Exercise Physiology Laboratory is looking for physically active women ages 20 - 35 who have been using Alesse for at least the past 6 months for an exercise study examining the effects of Alesse on breathing and blood acidity. Subjects will participate in three laboratory visits over a period of approximately 1.5 months and will receive a measurement of their cardiovascular fitness (i.e. VO2 max test). Information: 533-6284 or o_c_research@hotmail.com.



Pregnant?

Healthy pregnant women are invited to volunteer for a Queen's University research study on the effects of a walking program on fetal behaviour, mother's heart rate and blood pressure. If you are about 16-20 weeks pregnant and currently do not participate in a regular exercise program, you may be eligible to participate.


For more information, please contact:
Sherri at 547-5752 or
9ss25@qmlink.queensu.ca

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Union Street Improvement Project

Information Meeting

31 March 2005
7 - 9 pm
Policy Studies Room 202
138 Union Street, Queen's University

Union Street, between Albert and Barrie Streets, needs attention. This section of Union Street runs through the heart of the Queen's campus. The University recently began the Union Street Project to develop a streetscape plan for this section of the street. The plan will guide future campus projects along this thoroughfare to create a cohesive, accessible, safe, vibrant and beautiful civic space.

Please come to meet the design team, learn more about the project, and present your concerns and suggestions about the use and appearance of this section of Union Street. Members of the Queen's and Kingston communities are welcome.

For information call Jeanne Ma, Project Director, at 533-6191.

Lighten Up!



Limited Laptop Special for the Queen's Community:

Toshiba Tecra M2
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+ Eudora
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Campus Computer Sales & Service 533 - 2058
Open Monday to Friday 8 am - 5 pm

Do you suffer from andropause?

If you are a man over the age of 40 suffering from irritability, fatigue, tiredness, decrease in sexual interest/performance, osteoporosis, loss of muscle mass, you may have a hormonal imbalance. If interested in participating in a study for the treatment of andropause call Angie Black at 549-6666, ext 3848 for information and to see if you qualify. Investigations and treatment are free to participants during the study.

Effects of menopause

Pre-menopausal (ages 43 – 48) and postmenopausal (ages 49 – 54) women who are physically active and are not taking oral contraceptives or hormone replacement therapy are needed for a study examining the effects of menopause on breathing, blood acidity, and bone health. The study involves 2 laboratory visits over approximately one month. Information: Megan Preston at 533-6284 or menopause_study@hotmail.com.

First time moms-to-be

This study examines the benefits of exercise in preventing preeclampsia (toxemia). Must be less than 10 wks pregnant, physically inactive and overweight/obese. Women with a healthy body weight are eligible if they have a mother, sister, or grandmother who had preeclampsia. Subjects will be randomly assigned to an exercising and non-exercising group. Women in the exercising group will participate in three prenatal fitness classes 3 days/week. Contact Tracey, 533-6284; pregnancyresearch@hotmail.com.

Parents!

Did you ever wonder... how infants interpret people's behaviour; how children learn language so quickly; how many children have imaginary friends? Participate in studies at Queen's to help us find out! Contact: Developmental Psychology Group, 533-6407, psyceel@post.queensu.ca

Research on control of action

Queen's researchers are looking for healthy male subjects between 35 and 65 years old, to participate in a study looking at self-control by examining eye movements. Participation requires attending two or three sessions lasting around one hour each, and will be compensated at the level of \$10 an hour. Contact Dr. Claire Boudet 533-6340 or claire@biomed.queensu.ca.

Calendar

Art

The Agnes Etherington Art Centre

University Avenue
Events
April 3 – Family Program. Look at *Real and Imagined People* with our student docents, then get creative in the André Biéler Studio. Suitable for children age 5 and up with adult accompaniment. Agnes Etherington Art Centre, 1:30 pm. Free with admission.
www.queensu.ca/ageth/

Union Gallery

Main Gallery – *Come on Command*, an exhibition of works by Andrea

Chin, Aimee Ng and Natalie Taccone; Project Room – *STAY TUNED*, a series of short videos by 2nd year fine art students to Saturday, April 2.
www.uniongallery.queensu.ca/

The Studio

B144 Duncan McArthur Hall (corner of Sir John A. MacDonald Blvd. and Union Street).
McArthur Community Exhibition to Thursday, March 31. A group exhibition of works by students and faculty affiliated with McArthur Hall. Studio hours Tuesday and Wednesday 11:30 am to 1 pm and Thursday noon to 1 pm, or by appointment. Contact Angela Solar, solar@educ.queensu.ca, 533-6000, ext. 77416.

Music

School of Music

Monday, March 21

Polyhymnia, directed by Aurora Dokken, and Queen's Choral Ensemble, directed by Mark Sirett, in a concert of choral music. St. George's Cathedral (corner King and Johnson), 7:30 pm.

Tuesday, March 22

Queen's Jazz Ensemble, directed by Greg Runions. Compositions by Kenny Wheeler, Pat Metheny, John McLeod and Greg Runions. Queen's Samba Ensemble will join in performances of *The Beat of My Drum* by Olantunji, Carlos Santana's *Everybody's Everything*, and *The Shuffle Demons' Outta My House*, Roach. Grant Hall, 7:30 pm.

Monday, March 28

Queen's Symphony Orchestra, directed by Gordon Craig in a concert featuring Mendelssohn's *Symphony #5 in D Major* (Reformation). Also the Queen's Cello Ensemble directed by Wolf Tormann. Grant Hall, 7:30 pm.

Friday, April 1

Joy Innis, Adrienne Shannon. Friday Night Live Four – *The Palenai Piano Duo*. The Grand Theatre, 8 pm. Tickets: \$30 – \$38 (Adult). Student Rush Tickets \$13 (within seven days of the performance).

Conference

Departmental Seminar Schedules

Biochemistry
meds.queensu.ca/biochem/index.php/seminar_series

Biology
biology.queensu.ca/seminars/dss.html

Business
business.queensu.ca/research/conferences/index.php

Cancer Research Institute
meds.queensu.ca/qcri/calendar/index.php
Centre for Neuroscience Studies
queensu.ca/neurosci/seminar.html

Chemistry
chem.queensu.ca/newsandevents/seminars/Seminar02w.pdf

Computing
cs.queensu.ca/seminars/

Economics
qed.econ.queensu.ca/pub/calendar/week.html

GeoEngineering Centre at Queen's – RMC
www.geoeng.ca

Geography
geog.queensu.ca/seminars.html

Human Mobility Research Centre
www.hmrc.ca

Law
law.queensu.ca/Visitors/index.php

Microbiology & Immunology
microimm.queensu.ca/seminars/

Pharmacology/Toxicology
meds.queensu.ca/medicine/pharm/

Physiology
meds.queensu.ca/medicine/physiol/physiol.sem.html

Policy Studies
www.queensu.ca/sps/calendar/week.htm

Physics, Astronomy, and Engineering Physics
physics.queensu.ca

Public Lectures

Monday, March 21

Philosophy
Carol Padden, University of California. Deaf communities the world over: the past, present and future of deafness. Ellis Auditorium, 8 pm.

Tuesday, March 22

Kingston Arts Council
Sylvat Aziz, Queen's. In the other's image: the empire stares back. Wilson Room, Kingston Frontenac Public Library, 7.30 pm. Information: Kingston Arts Council at 546-2787 or Julian Brown 544-6329.

Thursday, March 24

Drama
Alison Sealy-Smith, award-winning actress. Performance language and multiculturalism. Vogt Studio, Carruthers Hall, 11:30 am. Information: 533-2104.

Internet Studies @ Queens
Darin Barney, McGill University. Education and citizenship in the digital age. 121 Stauffer Library, 11 am.

Philosophy
Carol Padden, University of California. Genetics, deafness and culture. 517 Watson, 4:30 pm.

Monday, March 28

Physiology
Morris Karmazyn, University of Western Ontario. The myocardial Na-H exchanger and its role in coronary heart disease and heart failure: from molecular regulation to clinical trials. 104 Richardson Lab, 11:30 am.

Thursday, March 31

Education
Alan Borovoy, Canadian Civil Liberties Association. The eroding respect for freedom of speech. Vernon Ready Room, Duncan McArthur, 4:30 pm.

German
Anant Kumar, Germany. Migrant writing in Germany. He will also read in German from his most recent texts. 200 Kingston, 2:30 pm.

History
Ana Siljak, Queen's. The trial of

Vera Zasulich. 517 Watson, 11:30 am.

Philosophy

Claes Lernerstedt, University of Stockholm. Criminal law and "culture". 517 Watson, 4:30 pm.

Special Events

Monday, March 21

Engineering Education Forum
Students for Engineering Education Development (SEED) is hosting a forum for students and faculty to discuss engineering education issues such as integrated learning, barriers to achieving it, and how professors can improve their courses. 313 Beamish-Munro, ILC, 3:30 pm. RSVP to seed@engsoc.queensu.ca.

Tuesday, March 29

Women's Studies

Anna Camilleri, author and performance artist. Sounds Siren Red, free public performance. Ellis Auditorium, 7:30 pm.

Tuesday, May 3

Ban Righ Foundation For Continuing University Education Annual Spring Awards Ceremony

Keynote speaker, Diana Beresford-Kroeger, author and scientist. RSVP by Friday, April 15 to Karen Knight 533-2976 or kk9@post.queensu.ca. Refreshments, all welcome. Grant Hall, 7 pm.

Wednesday, March 23

Applied Science Teaching Projects Workshop

Lunch-time workshop session showcasing the teaching projects funded by Applied Science's latest round of teaching development grants. Short talks will be followed by discussions about the projects and lessons learned relating to the implementation of innovations in the engineering curriculum. Lynann Clapham, Building to learn – Learning vibration principles by building virtual interactive physics machines. George Brandie and Bob Hilderley – Online grammar review tool. John Hanes – Bringing the real world into the lab. 111 Beamish-Munro Hall, noon. Lunch provided. RSVP to Jane Paul: paulj@post.queensu.ca or call 533-3130

Workshops and Courses

Queen's Theological College
May and June. Eight courses offered in a five day format including Restorative Justice, Christian Spirituality, Jeremiah, and Jesus: Real to Reel. Information www.queenstheologicalcollege.ca or 533-3170.

Submission information

Submit Calendar items in the following format:

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

Email to:
gazette@post.queensu.ca

The next Gazette deadline is Monday, March 28 at noon.

HELP LINES

Campus Security
Emergency Report Centre

533-6111

Human Rights Office

533-6886
Irène Bujara, Director

Sexual Harassment Complainant Advisors:

Margot Coulter, Coordinator
533-6629
Chuck Vetere – Student Counselling
533-2893 ext. 77978

Anti-Racism Complainant Advisors:

Stephanie Simpson, Coordinator
533-6886

Audrey Kobayashi – Geography,
533-3035

Anti-Heterosexism/Transphobia Complainant Advisors:

Julie Darke, Coordinator
533-6886

Eleanor MacDonald, Politics
533-6631

Coordinator of Dispute Resolution Mechanisms:

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

Sexual Harassment Respondent Advisors:

Paul Banfield – Archives
533-6000 ext. 74460
Mike Stefano – Purchasing
533-6000 ext. 74232
Greg Wanless – Drama
533-6000 ext. 74330

Anti-Racism Respondent Advisor:

Ellie Deir – Education
533-6000 ext. 77673

Internal Dispute Resolution

SGPS Student Advisor Program
533-3169

University Dispute Resolution Advisors – Students:

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

University Grievance Advisors – Staff:

Kathy Beers – Student Affairs
533-6944
Bob Burge – JDUC
533-6000 ext. 78775
Gary Racine – Telecommunications
533-3037

Freedom of Information and Privacy Protection

Information Officer
533-2211
Commissioner
533-6095

Employee Assistance Program

1 800 387-4765

University Chaplain:

Brian Yealland
533-2186

Rector

Grant Bishop
533-2733

Student Counselling Service

533-2893

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

Key space needs

- School of Physical and Health Education
- Common space (lounges, circulation space, informal gathering areas, etc.)
- Student government
- Student services/administration
- Student clubs/organizations
- International Student Centre
- Meeting rooms
- Retail space
- Food services
- Student entertainment facilities
- Queen's Centre administration
- Arena (Olympic ice surface)
- Fieldhouse/gymnasium complex
- Swimming pool
- Fitness/weights area
- Multi-purpose activity area (dance studios, climbing wall)
- Racquet courts
- Locker rooms
- Athletic therapy area



The final facility will be about 65,000 gross square metres (GSM), doubling the space of the existing facilities.

BREGMAN + HAMANN, SASAKI ASSOCIATES, SHOALTS & ZABACK

Architectural concept of the proposed Queen's Centre, looking north-east from Dunning Hall.

Queen's Centre planning

The Queen's Centre is located within the block bounded by Union Street to the south, University Avenue to the west, Earl Street to the north and Division Street to the east. The project is planned to be designed and built in three phases:

Phase 1: 2004-2009

Properties on the north part of the site will be demolished, and most of the new athletics and recreation facilities would be built, as well as some student life spaces. Some properties will need to be purchased. To build the new School of Physical and Health Education, the Jock Harty Arena will need to be demolished. The Physical Education Centre will need to adapt to operate without an arena from 2007 to 2012.

Phase 2: 2009-2012

While various functions operate in facilities built in Phase 1, the rest of the Physical Education Centre and the back half of the John Deutsch University Centre will be demolished and replaced by a new ice rink with a field house on top and new student life facilities. The front historic section of the JDUC (the old Students' Union building) will remain operational.

Phase 3: 2012-2014

The historic section of buildings along Union Street will be renovated and integrated into the new JDUC operations.

Students endorse

continued from page 1

will be without an ice surface starting for five years beginning in the 2007-08 academic year while Phase 1 construction takes place. Different options include building a temporary facility and talking to the city and others about sharing facilities, Mr. Simpson said last Thursday. In terms of the least disruption, this was the one area that did not work out positively.

Had the board not chosen to proceed with the project, Finance Committee Chair Bill Young

noted that it would cost between \$70 and \$100 million simply to maintain the existing buildings.

In addition to the \$25.5-million student contribution, the \$230 million includes about \$130 million raised through private contributions, and \$62 million in debt financing, Mr. Young said. It will cost about \$4.5 million a year to service the debt (6 per cent over 30 years beginning in Year 4).

The board originally approved the concept of the Queen's Centre in May 2003 – the result of

a growing concern that students and faculty were choosing not to come to Queen's because of the poor quality of its student life, athletics and recreational facilities. In March 2004, the university appointed the team of Bregman + Hamann of Toronto, Sasaki, and Shoalts & Zaback of Kingston to steer the project. Since then, the architects and the Queen's Centre programming committee reconfigured the 2003 concept to reflect the key ideas expressed during an

extensive public consultation process.

During consultations, preservation of historic homes on the Queen's Centre site, accessibility, sustainability, scale of facility (keeping in character with the neighbourhood) and parking emerged as key issues.

Although there was strong community encouragement to build a 50-metre pool, the capital and operating costs outweighed the university's programming needs. The planned 37.5-by-21-

metre pool will meet the requirements of the university's recreational, varsity and competitive needs.

According to the report, the next key steps for the project include:

- Refining exterior and interior design features and program elements;
- Addressing parking issues;
- Initiating city planning approvals and Clergy Street closure;
- Exploring swing space needs (ice rink).

What it means

continued from page 1

knowing that it's going to be much better."

Director of the School of Physical and Health Education Janice Deakin says she "can hardly wait until the shovel goes in the ground."

Among the many people who deserve thanks for making the Queen's Centre project come to life, are the thousands of students over the past 10 years who raised their voices to call for improvements to the health and physical activity side of student life, she says.

The Queen's Centre will also raise the profile of the school which has one of the most pro-

ductive faculties in terms of research, of any school of physical education or kinesiology in Canada, says Dr. Deakin.

"The creation of a stand-alone school (in the new Queen's Centre) speaks to a paradigm shift in the way we understand the relevance of this teaching and research that is conducted by faculty members and graduate students in the School of Physical Education."

AMS president Tyler Turnbull says the centre "has long seemed like some distant vision that will never happen. To finally have the board approve it and to be asking students to contribute to it, is

very historic for the university."

The AMS sees the project as vital to ensuring the reputation of the university throughout Canada. Its aging physical education facilities were beginning to impair student recruitment efforts, he says.

Mr. Turnbull says he didn't realize how much time the project planning would take, "But it was quite an opportunity to work on such a large, complex project with so many stakeholders."

The whole vast process led up to March 16 when the student population voted in favour of supporting the Queen's Centre through a fee levy.

The AMS has worked for months like an election team to promote the vote and support for the project, through a steady stream of advertisements in campus publications, class talks, mass emails, personal appeals, and distribution of information packages.

Mr. Turnbull is pleased that students are far-sighted enough to support the project, whose completion date remains 10 years away.

"There's definitely a sense of camaraderie and tradition in the student body, and a lot of them understand why it's important to contribute to a project that you might not see direct benefit from."

Dean of Student Affairs Bob Crawford, who has been working on the project for almost 10 years, says he's excited that it's coming to fruition.

"It takes us from having embarrassingly inadequate facilities to a style deserving of Queen's. Our facilities simply hadn't kept pace with our growth."

"We put so much store in the broader learning environment beyond the classroom and this is needed to fulfill our mission which is to prepare citizens and leaders of global society."

Kay Langmuir

IN BRIEF

March 3 Senate notes: Student Senator Chris Churchill asked about waiving international tuition fees for students coming from the 50 poorest countries named by the United Nations. Vice-Principal (Academic) Suzanne Fortier said that it could be more effective to consider a former Queen's-CIDA program. Running 1991-95, it helped all international students with support and services they needed to be successful in their studies. "This may be something that we can pursue with the help of CIDA," she said.

Senator Malcolm Stott questioned the increased visibility of Coke machines in the Physics department foyer, causing the focal point to shift from the

department's scientific displays. When Dr. Stott, who produced photographic evidence, asked if there was some body that took care of this sort of issue, Dean of Student Affairs Bob Crawford replied, "There isn't actually a Coke machine placement committee – there is for everything else at Queen's – but not this." He said he would discuss the situation with Dr. Stott to resolve the problem.

Senate approved: The enrolment plan and targets for 2006/2007, to facilitate budget and planning discussions. It maintains undergraduate intake at the 2005/06 level and moderate, continuing growth in graduate enrolment.

The introduction of a certificate in Spiritual and Religious Care in a Pluralist Society (Theology).

Several recommendations on

faculty jurisdiction with respect to student appeals of academic decisions.

- The Residence Discipline Process.
- Changing the name, composition and constitution of The Ban Righ Board to the Senate Residence Committee.
- Changes to the terms for the two Commerce Society student senators to be for one-year each, to accommodate students participating in student exchanges.
- Revisions to Senate rules regarding elections to standing committees.
- Terms of reference changes to the Senate Nominating Committee.

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March 4 Board notes: The Board of Trustees approved tuition fees

for 2005-2006 (the second year of a two-year freeze on tuition fees that receive government funding). Regulated undergraduate programs (Arts, Science, Physical and Health Education, Music, Fine Art, Nursing, Rehabilitation Therapy, Education, Commerce Year 1) will remain at \$4,193; Nurse practitioner, \$5,384. The freeze also applies to deregulated undergraduate programs: Applied Science, \$6,760; Commerce Years 2-4, \$8,712; Law (Years 1-3), \$8,961; Medicine (Years 1-4), \$13,500; master's and doctoral graduate programs, \$5,159; Rehabilitation Therapy MSc (OT) and (PT), \$6,900; Policy Studies MPA, full-time, \$6,900; part-time, \$1,034; MIR, \$5,159. International fees (not under the tuition freeze) remain did not increase, which pleased student leaders. Applied Science

fees remain at \$17,982; Commerce and Law, \$18,650; Medicine, \$21,000; Arts and Science, Computing, Education, Fine Art, Music, Nursing Science, Physical and Health Education and Rehabilitation Therapy, \$14,500; Graduate, \$10,600; Education – AQ Courses 2005-06, \$855.

The board also approved a 5-per-cent increase to International Student Centre fees for 2006-07 (fees include tuition, residence with full meal plan, local transportation and field trips). Spring, 2006, \$6,169; Summer, 2006, \$4,121; Fall, 2006 and Winter, 2007, \$12,495 (each term). It also approved \$400,000 for planning of field sports facilities upgrades and \$1.8 million for renovations to the Bracken Library (CHEER project).

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