



QUEEN'S GAZETTE

Hot solution to a cold problem P6



How do reindeer fly? P7



Building business bridges

REACH OUT TO GRADS, PROF TELLS BUSINESS LEADERS

By KAY LANGMUIR

The deteriorating state of town-gown relations hurts both the university and Kingston's busi-

ness climate, and the two sides must find a way forward, a Queen's School of Business professor says.

Maintaining good relations with Queen's is essential to the city's attempts to encourage business development in Kingston, Mark Busch, of the Queen's School of Business, told the

Queen's Gazette after the school's annual Business Forecast Luncheon Dec. 8 at the Holiday Inn.

Prof. Busch, along with colleagues John McHale, Lynette Purda, and David Detomasi, gave

See page 4 for a Viewpoint on town-gown relations.

local business leaders much food for thought with their generally positive business predictions for 2005.

Kingston, however, has a dismal record of attracting business over the past few years, said Prof. Busch, and the city needs to put its heart into ensuring that businesses feel welcome here.

Even the Kingston Economic Development Corporation (KEDCO) observed in its 2005 business plan, that KEDCO, the City of Kingston, the local business community and the city's major educational institutions have often not worked cooperatively together, Prof. Busch

See BUILDING BRIDGES: Page 2

Queen's captures top science prize a second time

By NANCY DORRANCE News and Media Services

Biology Professor John Smol has been named the country's top scientist, as 2004 recipient of the Herzberg Canada Gold Medal from Science and Engineering Research Canada (NSERC).

This is the second consecutive year that the prestigious national award has been won by a Queen's researcher. Last year's Herzberg Medal went to sub-atomic physicist Art McDonald, leader of the international scientific team that developed the Sudbury Neutrino Observatory (SNO).

"This is fantastic news," says Vice-Principal (Research) Kerry Rowe. "John and his colleagues have done some truly outstanding work in demonstrating how paleolimnological techniques can better inform our understanding of long term environmental change."

The Herzberg Gold Medal winner is guaranteed \$1 million in funding to be used for university-based research, or to direct in some related way such as the establishment of research scholarships, fellowships or chairs in Canadian universities.

Recognized as one of the world's leading environmental scientists, Dr. Smol is founder and co-director of the Paleoecological Environmental Assessment and Research Lab (PEARL) at Queen's. PEARL is considered by many as the world's premier paleolimnology training grounds, where researchers from around the world study aquatic issues ranging from the impact of sewage and fertilizer run-off on lakes and rivers to the impact of increased ultraviolet radiation on freshwater life, and climate change.

For more details, see page 6.



BRIAN CUMMING

John Smol (Biology) receives the Herzberg Canada Gold Medal at a recent ceremony in Ottawa.

New cogeneration facility will boost university's energy sources

By CELIA RUSSELL

Queen's has taken a first step toward protecting critical research and building systems in the event of a power emergency.

The Board of Trustees approved funds to build a \$15-million cogeneration station at its Dec. 3 business meeting. Funds would come from university sources.

In addition to protecting university systems in the event of a blackout, the facility would also help the university to conserve energy and protect itself from spiraling energy costs.

The facility, to be constructed at the central heating plant on the King Street waterfront at the foot of Arch Street, would use a fuel source to generate electricity and recover waste heat from the process to meet all or part of the university's steam requirements. Construction is expected to start early in the new year.

A partnership with Kingston General Hospital is under consideration, says Associate Vice-Prin-

icipal (Facilities and Operations) Tom Morrow. "This is yet to be decided by the hospital board. They are going through the approvals now. If it's approved, then we'll build a bigger facility."

The station would house one 7.5-megawatt turbine and two if KGH collaborates with the university.

It's also possible that the city might be interested in buying power from the university in the event of an outage, as its water treatment plant is close by, he says.

"There are two reasons for doing it," he says. "One is to ensure the supply of electricity to campus. As the complexity of buildings and sophistication of research on campus increases, this is essential."

For example, super computers and growth chambers used in research are at risk in the event of a widespread blackout, such as the one that affected the north-eastern U.S. and Ontario Aug. 14, 2003. Back-up generators kept

systems going during that blackout.

A cogeneration plant would generate power to protect research, keep residences and food services facilities operating at safe levels and heat buildings enough to prevent damage such as freezing pipes and flooding.

"The second reason is economics," Mr. Morrow says. "By having a cogeneration facility on campus, we can protect ourselves from the volatility of the electric market."

The province will lose 20 to

25 per cent of its power source with the government's promise to remove coal-fired generators between 2007 and 2008, further compromising the available supply.

The annual savings in electrical purchases is estimated to be between \$700,000 and \$1.5 million, Mr. Morrow says. Balancing this is the cost of operating the cogeneration plant. It is estimated that the internal rate of return would be more than 20 per cent.

Other universities such as

York, Windsor, the University of Toronto and Ottawa already operate cogeneration facilities. The university consulted with them as part of the development process.

In other board news:

The board approved \$100,000 for the programming phase of plan-

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Leggett named principal emeritus

The Board of Trustees has given former principal Bill Leggett the honorary designation of Principal Emeritus.

The previous two principals were named Principal Emeritus when they retired from the faculty of the university. Ronald Watts (1974-84) became Principal Emeritus in August 1994 and

the late David Smith (1984-94) was named Principal Emeritus in May 1996.

"I am deeply honoured by this kind gesture by the Board of Trustees, and with being included in the company of principals Watts and Smith," Dr. Leggett told the Gazette. He retired as principal last June.

Matters of PRINCIPAL

A view of the big picture from the Office of the Principal. Here are some highlights of Principal Karen Hitchcock's schedule.

Nov. 18 – Attends Queen's University Staff Association holiday luncheon at the Kingston Yacht Club.

Nov. 20 – Attends the John Orr Dinner and Award ceremony at the Toronto Marriott Eaton Centre.

Nov. 22 – Meets with Kingston Chief of Police Bill Closs at his office to discuss neighbourhood issues; discusses the Rae Postsecondary Education Review and other university issues with representatives from the Universities Branch of the Ministry of Training, Colleges & Universities; hosts the teaching awards reception at Summerhill.

Nov. 23 – Participates in the Post-secondary Education Review roundtable at Ban Righ Hall and town-hall meeting at St. Lawrence College, both hosted by the Honourable Bob Rae.

Nov. 30 – Hosts the Queen's Community Breakfast at the Radisson Hotel, featuring a panel of local speakers; announces the formation of the Principal's Task Force on Community Relations at the meeting.

Dec. 1 – Attends a dinner meeting at Ban Righ Hall of students and residence dons.

Dec. 2 – Hosts the annual Holiday Reception at Grant Hall and recognizes recipients of the Queen's Special Recognition for Staff Award.

Dec. 3 – 4 – Participates in Board of Trustees meeting and related committee meetings.

Dec. 6 – Attends a gala ceremony in Ottawa to award the Gerhard Herzberg Canada Gold Medal from Science and Engineering Research Canada to Queen's Biology Professor John Smol.

Dec. 14 – Attends all-day meetings in Montreal with Queen's alumni.

Dec. 15 – Kicks off the first meeting of the Principal's Task Force on Community Relations.

Building bridges continued from page 1

noted. In some instances, relationships have been estranged. Meanwhile, proactive cities such as Cornwall are enjoying far more success in reeling in new business, said Prof. Busch.

"For too long there has been this make-believe divide between what's good for business and what's good for the city."

A healthy percentage of highly skilled and educated workers helps to strengthen the city's social fabric, which in turn attracts more educated workers, he said.

Similarly, what is good for Kingston is good for Queen's and vice versa. Without a good relationship with the city, the university can't promise prospective students a rewarding small-town experience. And without a good rapport with Queen's, the city loses out on a crucial ally in its efforts to attract desirable businesses to the city, Prof. Busch explained.

The city must also make the most of opportunities to convince students of Royal Military College (RMC), St. Lawrence College and Queen's to stay in Kingston after graduation and start businesses, he said. The

city should also take advantage of the allies it has in graduates of Kingston's post-secondary institutions who are working elsewhere. These graduates could be sent information on city hospitality facilities so they may suggest to their employers the possibility of holding corporate retreats or conferences in Kingston, he said. This would help raise the profile of the city as a good place to do business.

"It wouldn't be difficult to imagine this happening, as students know how beautiful this city is in the summer."

Kingston may also benefit from the excellent track record of Queen's new principal, Karen Hitchcock, in forging links between business and academia, Prof. Busch said.

As for the local economy, it performed strongly in 2004, Prof. McHale said at a media conference preceding the business luncheon. This strength should continue in 2005, with a few exceptions. The travel and hospitality industry is suffering a slowdown, however, as more Canadians eschew domestic travel in favor of traveling abroad on a strong Canadian dollar, he

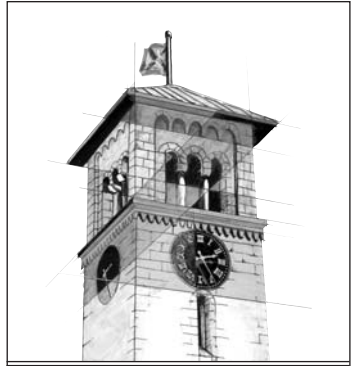
said. Looking at the international forecast, Prof. Detomasi said the biggest uncertainty is the direction of United States President George Bush's policies. He predicted that Mr. Bush will focus more on the stumbling American economy, "and the questions surrounding what he's going to do can affect business."

As for the war on terror, the financial markets appear to have already factored in these uncertainties, and have fluctuated relatively little during recent terrorist attacks and Iraq offensives, he said.

Canada has been enjoying strong consumer confidence, but that could change if foreign investors start turning away from their significant funding of the U.S. deficit, Prof. Purda said.

The entire panel agreed that there is a real risk of a U.S. dollar collapse, which would mean a rough ride for Canada's economy.

The panel also predicted that most economic indicators such as interest rates, inflation, the exchange rate and the employment rate, should remain relatively stable.



QUEEN'S GAZETTE

Editor

Celia Russell
613-533-6000 ext. 74498
gazette@post.queensu.ca

Senior Communications Officer

Nancy Dorrance
613-533-2869
dorrance@post.queensu.ca

Communications Officer

Lorinda Peterson
613-533-3234
petersn@post.queensu.ca

Director of Communications and Public Affairs

Anne Kershaw
613-533-6000 ext. 74038
kershaw@post.queensu.ca

Advertising Coordinator

Ying Gilbert
613-533-6000 ext. 75464
advert@post.queensu.ca

Production

Creative Services

Queen's Gazette Online:
qnc.queensu.ca/gaz_online.php

Queen's News Centre:
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Happy Holidays!
The staff of the *Queen's Gazette* would like to wish everyone all the best for the holiday season and the New Year.

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Task force seeks hard data to address issues

By CELIA RUSSELL

Systematic analysis is essential in dealing with issues related to Queen's students living in the off-campus Kingston community.

That's a message that emerged from the first meeting last Wednesday of the Principal's Task Force on Community Relations, charged with reviewing the scope of issues related to student life off-campus.

"I thought it was a good first meeting," says Co-chair Bob Crawford, dean of student affairs. "It's always interesting to get something like this started, because the committee has people coming from different back-

grounds with different assumptions. It's clear we need to gather more background information on the issues and all the things that are brought to bear."

The task force, comprised of a cross-section of university community members, will recommend to Principal Karen Hitchcock steps and/or policies to help address concerns related to off-campus housing, neighbourhood relations and safety and city services for students. It will meet every other week and will work in close cooperation with the community, Queen's students, the City of Kingston and the Kingston Police. It expects to present its initial

report to the principal by April 1, 2005.

"The committee will be consulting broadly," says Dr. Crawford, adding that it welcomes input. Comments can be sent in writing to task force secretary Shelley Aylesworth-Spink in the Office of the Principal.

"We need to systematically address these issues and also get a handle on why these issues have arisen and why now," says Dr. Crawford, referring to complaints surrounding student behaviour during Homecoming and Hallowe'en weekends earlier this fall.

It's not that the university hasn't been responding to disci-

pline issues, says Dr. Crawford. A few students have faced disciplinary measures from their dean's offices; others have received cautionary letters from the town-gown office.

He says that one of the principles the task force recognizes is that it takes a partnership of Queen's students, faculty, staff and administration, the City of Kingston, the community and police to ensure that a high quality of life is enjoyed by everyone living in the neighbourhoods directly surrounding the university.

The task force will be focusing its efforts on consultation and communication, student citizen-

ship and property standards.

"So much of the current data is anecdotal, and although useful, we need to get hard data," says Dr. Crawford. For example, the impact of 600 more students living off campus this year over last year must be addressed, considering enrolment is not that much larger than last year – and considering that 150 rooms in residence were empty this year. This is a trend, as 1,700 more students now live off campus than five years ago. These analyses are based on enrolment and numbers in residence, taking into account off-campus programs such as the International Study Centre.

From tired roadway to gracious avenue

UNIVERSITY AVENUE MEDIAN NOT NEEDED FOR PEDESTRIAN REFUGE, STUDIES SHOW

By KAY LANGMUIR

The days may be numbered for the well-worn median bisecting the campus section of University Avenue, as Queen's has given its initial approval to a concept that includes a narrower roadway with no median.

The campus planning development committee has approved

the preferred concept in principle. The design team will now begin developing more detailed plans with a view to beginning work on the ground early this summer. The university, however, still has much to discuss with city officials which will influence when construction can begin, Jeanne Ma, director of Campus Planning and Development, said in an interview.

Traffic studies conducted by an urban-design team "indicated that the median was not used that much and doesn't appear to be necessary for refuge for pedestrians," said Ms. Ma. She and design team representative John Hillier presented the concept at a

third public meeting Dec. 2.

Removing the median and its dying trees, and narrowing the roadway will slow traffic in an area heavily used by pedestrians, and it will allow for more people-friendly space such as wider sidewalks and larger green lawn areas around buildings, Ms. Ma explained.

Trees and other greenery will be planted in the lawn areas. These will be defined by curbs to reduce the foot traffic that causes soil compaction making plant growth difficult.

Trees on the short list include Freeman maple, red oak and chestnut.

"I think what we're proposing

is an understated, simple and strong structure that doesn't compete with the buildings and is flexible and inclusive," Ms. Ma said. The renovation will create more space to sit and socialize, "and it will be much more gracious."

In the early 1900s, when the campus was smaller, the median also served to separate the campus from residential areas on the other side of University Avenue, but now the university occupies both sides of the roadway, Ms. Ma said.

A design team began assessing various options for refurbishing the avenue this spring after two anonymous donors donated a

total of \$5 million for the purpose of beautifying the tired-looking boulevard which runs north-south through the heart of campus from Clergy Street to Stuart Street.

Following three public meetings and extensive preparatory work by the design team of du Toit Allsopp Hillier, McCormick Ranking Corporation, Carl Bray and Associates and Gabriel/design, the median-removal option was favoured over proposals to retain it, as well as over a third proposal to close the street altogether and create a pedestrian mall.

www.queensu.ca/universityavenue

Board continued from page 1

ning for a new medical building for the Faculty of Health Sciences, funding to be provided by the faculty. A study by architect Roger du Toit has examined the development potential for the southeast precinct of campus. The university has also recently completed an engineering review of Botterell Hall to assist in determining the best use of the building, including deferred

maintenance and adaptation requirements.

It approved \$100,000 from Physical Plant Services funds to be used to plan a comprehensive vision for Union Street and a conceptual framework to guide future development along the street.

It deferred a motion to approve \$250,000 for initial planning for a new stadium facil-

ity at West Campus until its meeting next March.

It approved two dedication opportunities in Goodes Hall.

It ratified the establishment of the GeoEngineering Centre at Queen's-RMC as a university centre for five years.

It approved that KPMG be asked to undertake the university's consolidated financial statements for 2004.

It heard from Finance Committee Chair Bill Young that there was "enough runway left in the fiscal year to try to close that gap" in the university operating budget. This was due to a \$2-million shortfall when funding from the province's Quality Assurance Fund did not materialize this year.

It approved policy statements on environmental management

and on health and safety.

It approved the allocation of \$4 million (U.S.) to each of Meridian Diversified Fund, Private Advisors Stable Value Fund and the National Bank Multi-Strategy program, subject to the resolution of any legal or tax issues, with 50 per cent of these investments hedged back to Canadian dollars.

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VIEWPOINT

JOHN MEISEL
Political Studies



Are we all part of the problem?

Kingstonians have lately been exposed to a billowy brouhaha arising from student misbehaviour during homecoming celebrations – if that's the word.

As everyone by now knows, students and alumni have, in boozy excess, acted lewdly, loudly and loutishly, thereby offending neighbours, the police, and canons of decent behaviour.

My first reaction to this almost perennial occurrence is always blind rage. Who do these hoodlums think they are?

But then, more nuanced thoughts appear. Without in the slightest exonerating the perpetrators, I realize that several factors explain why a civilized university can be the site of so mean a scene. There are many contributing culprits.

Demon rum, or whatever young folks now guzzle, inhale or inject is, of course, the most immediate catalyst. Why this should be so raises complex problems, touching on more than just youthful exuberance. Psychological, social and economic factors are involved.

The slum-like nature of the ghetto is much to blame. It exists because of the absence and rapaciousness of many landlords and the abdication of responsibility by the city for the enforcement of minimum housing standards. The *Tobacco Road* setting engenders an ethos in which rowdy behaviour seems tolerable.

Add to that the failure by the police, the university, the AMS and indeed the whole Queen's community to insist that students are citizens like others who must adhere to the norms sanctioned by the law and civilized behaviour, and you have the recipe for what has become the Queen's Homecoming trademark.

That's not all. The grimy and uncared-for appearance of parts of Kingston does not elicit civic pride and a sense of belonging to a caring community. The resulting alienation from the city by transient residents is enhanced by the customary indifference, if not hostility, of many members of city council and the civic administration towards Queen's. This has resulted in a feeling of alienation between town and gown. The University itself is far from guiltless, of course. It has often ignored the interests of the larger local community and charged ahead with its plans without regard for the civic consequences.

The magnitude of this year's disturbances caused all involved parties to get together to prevent future offensive incidents. Improvement in town-gown relations may be under way. But with respect to the Homecoming phenomenon, I am not holding my breath. This is partly because the factors noted above cannot easily be neutralized quickly but also for deeper reasons.

Queen's has become a huge, often impersonal institution imparting highly specialized knowledge. It no longer focuses on moral philosophy, as was the case when Presbyterian Scots founded it to secure a supply of suitable clergymen. Innumerable specialist advisors and watchdogs are now on hand encouraging or enforcing proper behaviour with respect to sexual harassment, feminism, racism, grievances, disputes, freedom of information and privacy, plagiarism or anti-heterosexism/transphobia (whatever they are). This being so, all other faculty (with the exception of the chaplain) tend to abdicate responsibility for promoting canons of decency and citizenship.

The business (I use the term advisedly) of the university is the pursuit of marketable skills, maximize funding, produce patentable research, forge partnerships with economic interests or government departments serving them and enhance Canada's competitiveness. This being so, students as moral, socially responsible human beings are no longer nurtured by us.

Homecoming scandals will be eliminated only when an inner responsibility, decency and sense of community imbues students and alumni; when these qualities, in short, permeate the Queen's ethos. I do not see the aforementioned specialists and the general professoriat making much headway on this front.

John Meisel is Sir Edward Peacock Professor of Political Science Emeritus.

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.

QUEEN'S FLASHBACK: APRIL 1, 1994



BOB WEISNAGEL

This seasonal scene is actually an April Fool's prank by Mother Nature. Pedestrians fight the elements on University Avenue.

Letters

Promoting staff recognition

There are moments when being a member of the Queen's family brings me great pride. One of those moments came about when I read Ahmed Kayssi's Viewpoint article "A salute to staff: the university's true alma mater." Ahmed couldn't have gotten it more right, as far as I am concerned! Staff members are often the forgotten heroes, the people who work moment by moment to tend to the needs of the students, administration, and faculty on campus.

Staff Appreciation Day is a welcome recognition for all staff on campus. Few can be honoured with the Queen's Special Recognition Award, but those who are deserve every moment of pride and joy they experience that day, and we know that those who receive the award often do so on behalf of all deserving staff.

Ahmed asks an interesting question: "What motivates our staff to work so hard?" It is a puzzle to be sure. What it is that drives people to remain supportive, optimistic and hard working? What are the rewards that lead one to celebrate the community we serve? As president of the Queen's University Staff Association (QUSA), I too wonder about this. Is it salary and benefits? Yes, most certainly, but it is more than that. It is people – it is their nature to nurture. The goodwill of staff should be recognized on an ongoing basis with staff concerns being addressed at all levels to ensure that the collective "nourishing mother" as Ahmed so aptly refers to staff, are treated with the respect and appreciation they deserve.

I am thrilled that the AMS is introducing a new award to recognize staff members who go over and above the call of duty to serve students. You will find that there are many, many staff members who fit this bill, and I am delighted that you will have

the opportunity to review the many worthy nominations you will no doubt receive.

Thank you Ahmed for your kind remembrance of staff, and thank you AMS, for recognizing the valuable role staff play in the lives of students. Like Ahmed, I hope this leads other organizations and units to establish and recognize staff on our campus, for I agree – nothing defines this institution like its staff!

Spring Forsberg
President, Queen's University
Staff Association

Queen's Centre pool comes up short

Plans were unveiled recently for the new \$230-million Queen's Centre student life complex. They include an Olympic-sized ice rink that will hold 2,000 spectators, a basketball arena that will seat 1,800 and only a 25-metre-long swimming pool. (*Queen's Journal*, Friday, Oct. 22).

One wonders if the Vice-Principal (Operations and Finance) and Chair of the Queen's Centre Management Committee Andrew Simpson and Associate Vice-Principal (Operations & Facilities) and Project Director Tom Morrow realize that by tearing down the present 35-metre pool and replacing it with a 25-metre pool, they will effectively destroy Queen's aquatic program.

Demolishing the largest indoor pool in Kingston and replacing it with a smaller "community pool" is embarrassing to a university that prides itself on state-of-the-art facilities. The proposed pool will not meet the needs of the students, staff and faculty who currently use the existing pool for recreation, fitness, intramural and varsity competition. The proposed pool is also inadequate for hosting swimming, synchronized swimming, diving meets, water polo

tournaments or aquatic/athletic camps. These are all realistic income sources that would help offset the pool's operational and maintenance costs. Sadly, prospective students who would like to attend Queen's while pursuing their chosen aquatic sport may elect not to attend at all.

The initial plan for the Queen's Centre incorporated a 50-metre pool. Since then, funding has increased by \$60 million, but the plan for the full-Olympic-length pool has been scrapped. What is the rationale behind this change?

We have the opportunity to improve aquatics to a first-class facility by building on current strengths. According to School of Physical and Health Education Director Janice Deakin, the cost of providing a 50-metre pool is an extra \$14 million. Although she describes this cost as "astronomical," what are the costs to the athletes, coaches, the community and the university when the aquatics program is abolished? We have a commitment to our current students, our alumni and our community to continue with the university's tradition of excellence.

We look forward to a re-evaluation of the proposed Queen's Centre, to arrive at a building that will uphold the Queen's reputation. This poor planning is not up to the standards we have come to expect from our alma mater. Sport is part of Queen's commitment to excellence. Elite sport has a special role in demonstrating this commitment. Leadership and vision shape the future; we must have 20:20 vision.

Michele ApSimon, MSc,
BSch ('91) water polo player
1987 – 1991, Tim Carr, BSCh
('95), water polo player,
1991 – 95, Mark Stonehouse,
BHSc (PT), MSc ('93), and
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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.

First aid for the brain: Check out the library for some holiday diversions

It's that time of year again. Holidays are fast approaching and you've made plans for travel and partying.

Have you once stopped to think of your poor brain? Crammed with facts and formulae, functioning on only a few hours sleep, carrying a buzz louder than a giant blow fly – it, too, needs a rest, a chance to refresh, so you are ready to go in January.

Fortunately, there is an inexpensive and convenient way to show your brain a good time, while you tag along for the ride. It's as close as your nearest faculty library.

Surprised? You shouldn't be. Librarians have, for a long time, recognized the wisdom in the old adage "all work and no play makes Jack a dull boy" (this applies to you Jills too). Yes, behind our sedate librarian exteriors lurk the hearts of romantics, detectives, adventurers, aliens, children and more.

This lighter side has translated into the presence of a number of "popular" collections, both print and media, scattered through the university's library collection. Yes, besides the usual serious works one would expect in an academic library, there exists a treasure trove of light reading and viewing where your brain, and you too, for that matter, can relax, knowing no essay or analysis is required. How encouraging it is to know that, in addition to being the heartbeat of our beloved brain factory, the Queen's Libraries have a truly rejuvenating role.

The Education Library, located in Duncan McArthur Hall on West Campus, is noted for its excellent children's and YA collections. If you have kids, or just enjoy reading the literature, this is the place to check out. Stories by Robert Munsch, Jean Little, Gordon Korman, Eric Wright and others, are available



PAMELA HALEY

Books and Bytes

to fill some of your "munchkins" holiday time. As well, the Education Library houses books-on-tape and National Film Board of Canada movies. Take a trip out, do a QCAT search or call the library for more information.

Yes, behind our sedate librarian exteriors lurk the hearts of romantics, detectives, adventurers, aliens, children and more.

A mild-mannered academic collection by day, a hot bed of "good reads" by night, the library literature collection, housed in the Stauffer Library, is a must visit. Both classic and contemporary authors abound. The library, at the northwest corner of University Avenue and Union Street, has made a practice of purchasing titles from award lists (Booker Prize, Giller Prize, etc.) as well as the popular book reviewing agency lists (New York Times, Macleans, etc.). Consequently, a wide variety of works exists in the collection.

Discover the adventure of an Alexandre Dumas, the passion of

D.H. Lawrence, the social commentary of Jane Austen, the science fiction of Margaret Atwood. It's all there waiting, and just think, you're reading for FUN – no essays!

Word has it that a nascent science fiction collection is skulking the stacks at the Engineering and Science Library (Douglas Library). At last – an Isaac Asimov book that doesn't tax the brain! Oh, how I loved *The Day of the Triffids*, *The Chrysalids* and so many more. If science fiction is your addiction, head to the Douglas Library, located on the southeast corner of University Avenue and Union Street and get your fix.

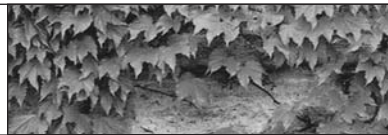
Looking for adventure? Drama? Want a little mystery in your life? Come to the Lederman Law Library located in Sir John A. Macdonald Hall at 128 Union St. and scope out the "Mystery of the Law" collection, which consists of both novels and DVDs. All works in the collection relate in some way to the law or to librarians. For instance, the DVD collection houses such titles as "Legally Blonde," "Ghosts of Mississippi," "Pirates of the Caribbean" (law of the sea, don't you know?) and "The Mummy" (librarian in action). The print collection consists of a wide variety of contemporary authors, such as Minette Walters, Elizabeth George, Anne Perry, Sue Grafton, etc. Come in for one, leave with an armful.

Groucho Marx once said that, "outside of a dog a book is man's best friend. Inside of a dog it's too dark to read."

In today's technological world, DVDs are no doubt viewed in the same light. Whatever your format, give your brain a rest and consider taking some "best friends" home with you this holiday season.

Pamela Haley is Access/Technical Services Librarian at the W.R. Lederman Law Library.

UNIVERSITY ROUNDUP



Stanford, Google to digitize library

Stanford University has launched an ambitious plan to cooperate with Google Inc. in digitizing hundreds of thousands, perhaps millions, of books from the shelves of Stanford libraries and making them available to readers worldwide and without charge. "This is a great leap forward," says Michael Keller, Stanford University Librarian, and publisher of both the Stanford University Press and the HighWire Press (Stanford's online co-publishing service for scholarly journals). "We have been digitizing texts for years now to make them more accessible and searchable, but with books, as opposed to journals, such efforts have been severely limited in scope for both technical and financial reasons. The Google arrangement catapults our effective digital output from the boutique scale to the truly industrial." Stanford sees this as an opportunity to provide a public good that also strengthens the core mission of the university. For details and examples, visit print.google.com/library. Stanford doctoral students Larry Page and Sergey Brin founded Google in 1998. It has since grown to become a globally recognized search provider.

Stanford Report, Dec. 14

Enrolment drop "a wake-up call"

The number of foreign students on American campuses declined last year by 2.4 per cent – the first drop in enrolments of students from abroad since the 1971-72 academic year. The figures appear in the latest edition of "Open Doors," an annual report on academic mobility. The decline came after a year of almost no growth. The finding is a "wake-up call" that points to a need for urgent action, says Peggy Blumenthal, vice president for educational services at the Institute of International Education, which publishes the report. "We don't know if this is the tail end of a short-term trend or part of a long slide," she says.

The Chronicle of Higher Education, Nov. 19

Granting councils face possible cuts

Federal research granting agencies could see the first cuts to their budgets since the federal government began to significantly reinvest in university research in 1998. According to Treasury Board figures released Nov. 4, which have yet to be approved by Parliament, the councils have to pay back a total of \$94 million from their budgets for this fiscal year ending in March 2005. The cuts will likely not affect the delivery of programs for this year. That's because the three research councils have proposed that "lapsed" funds from the Canada Research Chairs program be used to cover this year's costs.

University Affairs, January 2005

High pay, hard questions

A growing number of college presidents are on easy street, despite the tough economic roads that both public and private institutions are traveling. The ranks of private-college leaders who earn in excess of \$500,000 annually increased by 56 per cent from the 2002 to 2003 fiscal years, the most recent years for which data are available. Until 2000, no more than a dozen presidents of private colleges made that much money. Now, 42 presidents are over the half-million mark. Board members say that presidents' jobs are harder than ever, their hours longer, and they deserve the high compensation for raising money and steering their institutions through a difficult economic environment.

The Chronicle of Higher Education, Nov. 19

Campus police seek accreditation

Western's Campus Community Police Service is working toward a specialized accreditation that will better support the "police" designation and special constable standards. Accreditation involves improving practices to meet internationally recognized standards for police. Western is one of only five Ontario universities with campus (private) police. The others have a variety of contract and in-house security. While police forces such as Western's are rare in Canada, they are common in the U.S. where many are moving towards accreditation.

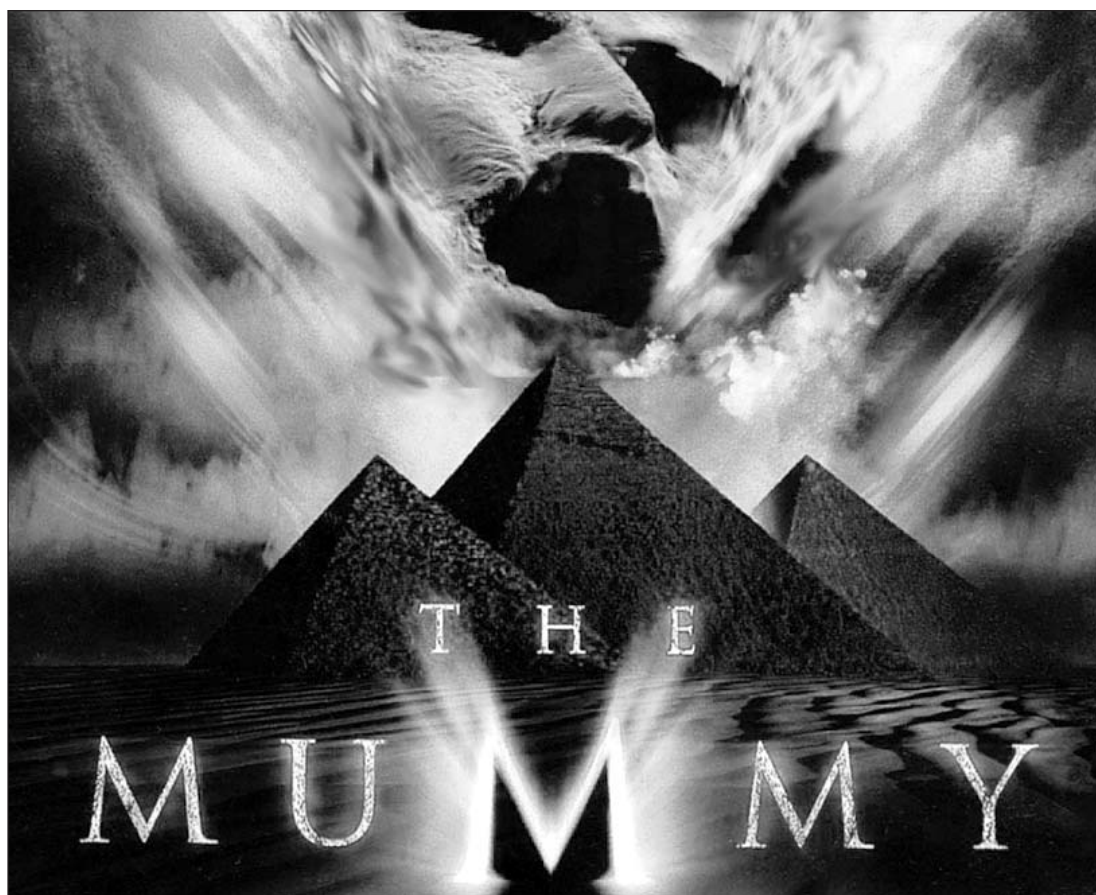
Western News, Dec. 2

The purpose of universities

"I believe that our universities must place priority on relevance to society. In my view, the primary objective for a 21st-century Canadian university is to help prepare students to become responsible citizens of a democracy. These include primacy of law and justice; respect for people; tolerance of values with which one disagrees; the right to security and order and the need to balance personal advantage with the greater good of the collective, the community. Both academic and extra-curricular activities are important in this regard."

Excerpt from a Nov. 23 speech by Concordia University President Frederick Lowy to the Montreal Chamber of Commerce, Concordia's Thursday Report.

Compiled by Celia Russell



WWW.FILMS.LT

Scope out the Mystery of the Law Collection at the Lederman Law Library where you can borrow "The Mummy" DVD and view a librarian in action.

IN BRIEF

Hot solution to cold problem

Solar technology gets first U.S. patent

A novel solar heating technology developed at Queen's has been granted a patent by the U.S. Patent and Trademark Office.

Stephen Harrison (Mechanical Engineering) invented the technology for use in a prototype solar hot water heater developed by EnerWorks, Inc., a London, Ontario-based alternative energy company.

Dr. Harrison's innovation eliminates mineral buildup in the heat exchanger portion of a solar water heater, which can reduce the unit's effectiveness over time.

It represents a major technological breakthrough in the commercial development of reliable solar heating technology.

A second patent is pending on complementary technology developed by Dr. Harrison that prevents overheating in solar panels.

Both technologies were licensed to EnerWorks by PARTEQ Innovations, the university's technology transfer arm.

CIAR funds arts, science, business research

Three Queen's researchers from across the disciplinary spectrum are winners of new grants from the Canadian Institute for Advanced Research (CIAR). Each will receive \$25,000 for teaching relief as they pursue their research programs.

Marc Busch (Business) is investigating "Institutions, Organizations and Growth"; Mark Chen's (Physics) focus is "Cosmology and Gravity"; and Will Kymlicka (Philosophy) is studying "Successful Societies".

The CIAR brings together the most distinguished thinkers from across Canada and around the world, providing them with the research time and networking opportunities they need to respond to the scientific and social challenges of tomorrow.



Biologist Virginia Walker and graduate student Alan Brown examine liquid containing antifreeze protein found in grass.

STEPHEN WILD

By NANCY DORRANCE
News and Media Services

Some good-natured complaints from her students several years ago about the -20 degree Celsius temperatures in Virginia Walker's freezer room triggered a completely new research direction for the expert on genetics and insect biology.

Because of that shift in focus, the biology professor now heads a multidisciplinary team working on a billion-dollar problem in the oil and gas industry.

"The students jokingly asked me if we couldn't use some sort of artificial surface instead of ice for testing antifreeze proteins (AFPs)," recalls Dr. Walker, Queen's Research Chair in Genetics and Insect Biology and currently president of the Genetics Society of Canada.

Intrigued by the challenge, she began reading geology books, and noticed that gas hydrates –

crystalline formations of gas trapped in a "cage" of water – exhibit a pattern that while not the same as ice, is "perhaps similar enough to gamble on." In hydrates, the presence of gas molecules stabilizes the water molecules, turning it into a solid, even though the water temperature is above the freezing point.

When Dr. Walker introduced AFPs into the gas hydrates, she was surprised to find that the proteins dramatically slowed the growth of the hydrates – a discovery with important implications for the gas and oil industry.

With traditional energy reserves dwindling, these companies are looking to methane and propane gas hydrates found in abundance in Arctic regions and in ocean floor sediment as a resource to tap in the future. According to a 1992 report of the U.S. Geological Survey, extraction of methane from hydrates

could provide an enormous energy and petroleum resource.

But there is one major drawback.

"Gas hydrates also form quite easily in pipelines themselves, causing plugs which can blow up offshore gas platforms," explains Dr. Walker. "Currently the only way to remove these plugs is with large amounts of highly flammable methanol: a very dangerous and environmentally risky procedure. Our use of antifreeze proteins is not only safer, it is much more efficient at inhibiting this growth."

Working with biology graduate student Huang Zeng and National Research Council (NRC) materials scientist John Ripmeester under the recently cancelled NRC/NSERC Research Partnership program, Dr. Walker investigated how AFPs produced by insects and fish interact with the surfaces of several gas

hydrates. Now graduate student Alan Brown (Biology) is testing the effectiveness of antifreeze proteins found in plants, as well.

A next step will be to design a computer model that mimics the effects of AFPs on gas hydrates, and perhaps also on other kinds of crystals. Researchers Selim Akl (Computing) and Zongchao Jia (Biochemistry) as well as students Brett Wathen (Biochemistry) and Kyle Braak (Biomedical Computing) have joined the project to assist with this investigation.

It's a very different focus from Dr. Walker's internationally acclaimed work with insect resistance to environmental and chemical stressors – and one she finds exciting. "This opens up all kinds of possibilities for new research: I guess that's partly what drives me," she says with a laugh. "We've barely scratched the surface so far."

biology.queensu.ca/~walkervk

PEARL team prepares for \$1-million infusion

By NANCY DORRANCE
News and Media Services

Researchers need to be courageous not only in doing research, but also in disseminating it and explaining it to other scientists, politicians and policy makers – and the general public who, by and large, paid for the work in the first place, says Canada's newly-named top scientist, Queen's biologist John Smol.

He issued this rallying cry to his fellow researchers when he received the Gerhard Herzberg Canada Gold Medal for Science and Engineering in Ottawa earlier this month.

"There is nothing stopping us in this important undertaking, except ourselves. We owe nothing less to our colleagues, to our students, and to the public at large."

In his acceptance speech, the internationally renowned environmental scientist said he was humbled by the list of past win-

ners of the prestigious award, including last year's gold medalist, Art McDonald (Physics).

The award is presented annually by Science and Engineering Research Canada (NSERC) and honours the late Gerhard Herzberg, Canada's 1971 Nobel Prize winner in Chemistry and father of Queen's Professor Emeritus Agnes Herzberg (Mathematics and Statistics).

"I also think there is a deep sense of responsibility to hold an award associated with Dr. Herzberg's name," Dr. Smol told the audience at the National Gallery of Canada. "Having recently read Dr. Herzberg's biography, I know that he was clearly a man who understood the importance of scholarship, but also had the necessary interpersonal skills to make important things happen."

In addition to the medal, Herzberg winner is guaranteed \$1

million over a five-year period to use for his or her own university-based research or to direct in some related way such as the establishment of research scholarships, fellowships or chairs in Canadian universities. Dr. Smol says he is still planning how he will spend his extra resources.



An elated John Smol with his Herzberg gold medal.

"I have to say with some sadness that when you work in the

environmental or ecological field, there's absolutely no shortage of work to do," the founder and co-director of Queen's Paleocological Environmental Assessment and Research Lab (PEARL), told the *Gazette* last week. "A lot of this work is time-related, so the longer we wait, the harder it will be to fix things!"

Dr. Smol said he would like to accelerate some of his group's ongoing projects, from climate change to water pollution, and investigates how the environment changes due to natural rather than human influences.

"This will also give us an opportunity to more aggressively pursue what we think are some good hunches: things that may be a little riskier and that we wouldn't have attempted before. Now we have more flexibility, and we're fairly confident that some of these projects will produce important answers."

For the approximately 30 researchers, graduate students and post-doctoral fellows working on PEARL projects around the world – from a third to one-half in the Arctic – the \$1-million funding boost from the Herzberg Medal is particularly welcome news, says Dr. Smol.

"We have a very dedicated group at PEARL, of which I consider myself merely the 'front man'. This honour is definitely a team effort."

Science and Engineering Research is a key federal agency investing in people, discovery and innovation. It supports both basic university research through research grants, and project research through partnerships among post-secondary institutions, government and the private sector, as well as the advanced training of highly qualified people.

biology.queensu.ca/~pearl

Experts take on children's tough Christmas questions

It's that jingle-bell time of year when all things are possible and every question must be handled with insight and imagination. In the spirit of the season, the Gazette decided to hand over this issue's Q&A feature to some children with pressing holiday questions. The range of inquiries required responses from Queen's experts representing several fields of scholarship. With this feature, we hope the Gazette has helped to dispel any lingering doubts about whether or not to believe.

Colin, age 4: What makes Rudolph's nose glow?

Suning Wang (Chemistry) *Queen's Research Chair and associate department head:* Rudolph's nose has a pouch that contains a chemical called Luciferin. (Why Rudolph has the pouch while Santa's other reindeer do not is still a great mystery.) Luciferin has tiny ring-like particles that give off light when air touches them. The color of the light produced by Luciferin changes with the shape and the size of the particle. Luciferin also makes fireflies glow. So how does it work? When Luciferin meets oxygen in the air, it gets so excited that it gets hot and bounces and dances inside Rudolph's nose. The chemicals give off heat that turns to light and Rudolph's nose glows. There are other chemicals

inside the pouch that make it glow brighter and brighter. Rudolph's nose even recycles the chemicals so it will glow forever.

Josh, age 6: How does Santa know what I want for Christmas if I did not send a letter?

Jenny Baxter (Psychology) *expert in pretend play and preschool children's questions about Santa Claus:* Santa knows a lot of things. This is because he is always watching whether you are bad or good, so he also listens to what you want for Christmas at the same time. He has a lot of helpers this time of year. Sometimes Santa's elves help Santa watch the children or he asks mommies and daddies to let him know what their children want for Christmas.

Mitchell, age 9: How does Santa deliver presents if you do not have a chimney?

Jenny Baxter: When Santa lands on the roof, the first thing he does is look for the chimney. If there isn't a chimney, Santa gets back into his sleigh, and makes a special landing on the driveway. He then checks to see if mommy or daddy remembered to leave the front door unlocked for him. If they forgot, he pulls out his special key that the elves made for him. This special key unlocks all doors so he can always get



QUEEN'S THINKERS Holiday Q&A

inside people's houses and deliver his presents.

The larger the reindeer, the better it will fly.

Jacobi, age 6: How do reindeer fly?

Robert Carkner (Mechanical Engineering) *project manager, Queen's Aero Design Team:* Some people think that reindeer use magic to fly, and although there is some magic involved, there is a scientific explanation. First of all, reindeer use an effect known as lifting body controlled stream

flow. The combination of the location and size of the reindeer's antlers create a controlled stream air flow that then flows over and under its body. The larger the reindeer, the better it will fly. This is why you have to put out carrots and celery for Santa's reindeer on Christmas Eve – to fill their tummies and keep them in the air.

Holly, age 8: What is a saint? Why is Santa Claus a saint?

Pamela Dickey Young (Religious Studies) *department head and expert in culture and Christianity:* A saint is someone the Roman Catholic Church rewards for doing special things and making miracles happen. Saint Nicholas was a bishop who lived in the 4th century in what is now Turkey. He was well known for helping poor people and stories grew up about miracles that he did. He gave poor people gifts and gold, and he protected children from danger. In Europe December 6 is a special day for Saint Nicholas where children receive gifts. Some of the first people to move to North America from Europe brought with them traditions about Saint Nicholas. His name in Dutch sounds a lot like Santa Claus and so that's what we began to call him here. Especially after the poem *The Night Before Christ-*

mas was written, the saint's image changed from a man wearing a bishop's robes to a Santa like the one we today.

Kristen, age 4: What is Boxing Day? Why is it called Boxing Day?

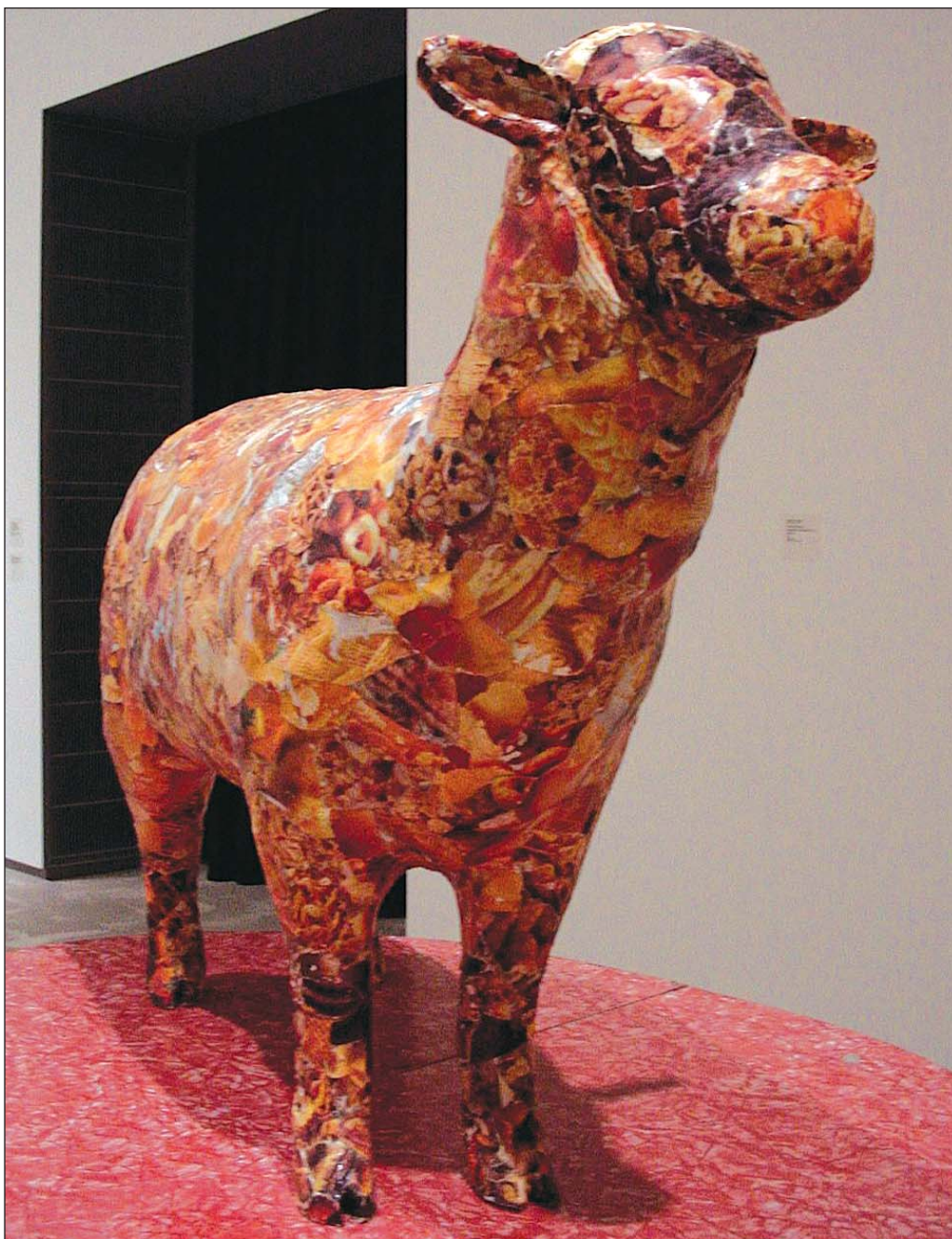
Pamela Dickey Young: Boxing Day is also the Feast Day of St. Stephen. It comes to Canada from Great Britain. There are lots of explanations about why it's called Boxing Day, and most of them are about gifts of money and other things for those who have less than we do. One explanation is that it started in the 19th century when, on the first weekday after Christmas, people gave a Christmas box of presents to those who worked for them. Today it seems to be the day when we put presents into boxes and exchange them at sales!

And finally...

Ginny, age 4, asks the toughest question of all: Is that the "real" Santa Claus? (Referring to the Santas one sees at a mall, in a parade etc.)

We weren't able to get expert to answer Ginny's question. If you can help her, please send your answer to gazette@post.queensu.ca and we'll publish it in the next *Gazette*.

A SHEEP OF A DIFFERENT COLOUR



CELIA RUSSELL

A colourful, mixed media sheep by Kathleen Sellars supervises the Agnes Etherington Art Centre gallery featuring the BFA Faculty Show. The sheep is part of an installation entitled *Between You and Me*. The exhibition is on view until Jan. 23. Details: 533-2190.

Beamish-Munro Hall recognized for green design

By LORINDA PETERSON

Beamish-Munro Hall, home of the Integrated Learning Centre, has been named as one of the most environmentally advanced buildings in Canada by the Sustainable Buildings 05 Canadian Team, part of the fourth International Green Building Challenge (GBC) 2005.

As a result, Beamish-Munro Hall will receive an in-depth environmental performance evaluation using the GBC Design Assessment Tool (DAT), a uniform assessment framework maintained by the GBC International Committee.

The building's design will also be presented at The 2005 World Sustainable Buildings Conference, an international conference to be held in Tokyo, Japan.

"This is a great honour, as there were a number of outstanding eco-designs submitted to the Green Building Challenge," says Dean of the Faculty of Applied Science Tom Harris.

"This award is a reflection of the imagination of the building design team – both at Queen's and the architectural team of Bregman + Hamman."

A team co-chaired by Woytek Kujawski and Doug Webber has been selected to perform the intensive evaluation of Beamish-Munro Hall.

In keeping with the integrated learning component which emphasizes active learning, and engineering education beyond the classroom, the evaluation will serve as a resource for the team to broaden awareness of green building design and environmental sustainability.

The team's objectives for the

evaluation are to:

- Contribute to and learn from the development of an international evaluation tool in order to benefit efforts to adapt a tool for the industry in Canada;
- Assess the potential environmental performance of buildings in the design stage;
- Encourage the transfer of the knowledge gained to all sectors of the industry;
- Promote the "greening" of the construction industry in Canada and foster market transformation;
- Showcase abroad Canadian industry achievements in sustainable buildings.

GBC 2005 is an international cooperative process to develop new performance assessment tools and highlight innovative environmental building technologies.

The initiative serves as a catalyst to raise awareness of green building issues and stimulate demand for green building design and construction on a global basis.

Canada has been a driving force in GBC since its inception.

"As a direct result of the activities of past Canadian teams and the quality of projects selected, Canada is viewed as an international leader in the field of green buildings," says Bob Bach captain of GBC/SB05 Canadian team.

The GBT DAT outcomes form the basis for comparing and contrasting projects at GBC 2005 in Tokyo next fall.

The results of GBC 2005 will be widely disseminated in industry journals and publications, including *Canadian Architect* and *Canadian Consulting Engineer*.

FOCUS ON HEALTH SERVICES



SARAH WITHROW

Twenty-six health service and policy research projects by a range of health discipline researchers on campus were highlighted in the Biosciences atrium on Dec. 2. Mary Ann McColl (at left), associate director, administration of the Centre for Health Services and Policy Research, organized the event and co-authored six of her centre's studies, which examine such areas as health care funding, community-based care, primary health care, access to care and disability policy.

Who could ask for anything more?

Queen's Musical Theatre presents the hilarious romantic comedy, *Crazy for You*, as its January 2005 production. Set in the 1930s, This musical is packed full of romance and comedy, combined with some of George Gershwin's best loved tunes and is sure to leave the audience smiling.

This 1992 Tony Award winner for Best Musical tells the story of Bobby Child, a well-to-do 1930's playboy, whose dream in life is to dance. Memorable tunes include *I Got Rhythm*, *Embraceable You* and *Someone to Watch Over Me*. It's a high-energy comedy which also features mistaken identity, plot twists and fabulous dance numbers.

Since 1969, Queen's Musical Theatre has produced completely student-run productions which have contributed to Kingston's

artistic community and have brought together Queen's students from all disciplines. Directed by Vikki VanSickle, the cast is led by Sef Wood as Bobby Child and Kara Wilkinson as Polly Baker. Also featured are Taylor Decarie as Irene Roth, Shamus Fynes as Lank Hawkins, and Johnny Soln as Bela Zangler.

Crazy For You is playing at The Grand Theatre, 218 Princess Street, Jan. 12 through 22 with evening performances at 8 pm and 2 pm Saturday matinees. Tickets are \$13 for students and seniors and \$15 for adults. Groups of 20 or more receive a special price of \$12 per ticket. Call The Grand Theatre Box Office at 613-530-2050 for tickets.

www.qmt.ca



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Experts comment on same-sex marriage and NHL

QUEEN'S IN THE NEWS

Highlights of Queen's experts in the media

■ Dec. 1 – Dec. 13

Douglas Reid (Business) comments in *The Globe and Mail*, *National Post*, *Ottawa Citizen* and *Calgary Herald* and on *CBC Radio's* national business program about WestJet's and Air Canada's recent financial reporting.

David Edwards (Business) is quoted in the *Globe and Mail* about employees gaining balance between work and personal life by demonstrating self-confidence and leadership.



Kay

Findings from a recent study by **Fiona Kay** (Sociology) about discrimination within the law profession are highlighted in *The Globe and Mail*.

Ken Wong (Business) is quoted in *The Globe and Mail* about the number of loyalty cards Canadians carry, and the trend he sees towards a single card that lets Canadians earn points in several different reward programs.

Ivan Varga (Sociology) comments in *The Globe and Mail* about religious diversity in Canada.



Brohman

The Globe and Mail references **Kathryn Brohman's** (Business) journal article in the most recent *Harvard Business Review* about a new customer-managed interaction service she and her co-researchers have developed.

Julian Barling (Business) is quoted in *The Globe and Mail* about corporate gift giving.



McConomy

David McConomy (Business) comments in *The Globe and Mail* about 0-per-cent interest auto financing.

The awarding of Canada's top science prize, the Gerhard Herzberg Canada Gold Medal, to **John Smol** (Biology) is covered extensively in the national media including in the *National Post*, the *Ottawa Citizen*, *The Vancouver Sun* and *The Kingston Whig-Standard*. He was also interviewed on *CBC Radio's Later the Same Day* and *Quirks and Quarks* and on *CBC TV's Newsworld* and *CKWS TV*.

Elsbeth Murray (Business) comments in the *National Post* about a new investment management course in the School of Business.

Robert Ross (Physical and Health Education) comments in the *Toronto Star* about weight loss drugs.

John Rapin (Emergency Medicine) is profiled in the *Toronto Star*.

Sharryn Aiken (Law) comments in a front-page *Ottawa Citizen* story about the security certificate process for immigration. The story is also covered by the *Edmonton Journal*.

Ken Wong (Business) comments in the *Ottawa Citizen*, *The Kingston Whig-Standard*, *Calgary Herald* and *Regina Leader-Post* about the iPod.

Tom Axworthy (Policy Studies) comments in the *Ottawa Citizen* about Canada's emergency preparedness.

Richard Chaykowski (Policy Studies) comments in a front-page *Ottawa Citizen* story about the future of the NHL. The story is also covered in *The Vancouver Province*.

Tom Axworthy's (Policy Studies) opinion piece about Canada's accountability system appears in the *Edmonton Journal*.



Johnsrude

Research by **Ingrid Johnsrude** (Psychology) about taking pictures of the brain is highlighted on the front page of *The Kingston Whig-Standard*.

Whig-Standard.

George Perlin (Policy Studies) comments in a front-page *Kingston Whig-Standard* story about democracy in the Ukraine and the recent election there.

Jonathan Rose (Political Studies) comments in a front-page *Kingston Whig-Standard* story about a new procedural by-law at Kingston City Council.

David Detomasi (Business) is interviewed on *CKWS-TV* about the state of Canada-U.S. relations and whether the visit by President George Bush will have an impact.

John McHale (Business) is interviewed on *CKWS-TV* about how the high Canadian dollar is affecting imports and exports.

John McHale and **Marc Busch** (Business) appear on *CKWS TV* to discuss the economic forecast from Queen's recent business luncheon.

Bill Blake (Business) appears on *Report on Business TV* to discuss the value of an MBA.



Eckert

Chris Eckert's plant sex research continues to receive coverage, most recently on *Discovery Channel* on-line.

Kathy Lahey (Law) discusses on *CBC Radio's Ontario Morning and Syndication* the Supreme Court decision on the redefinition of marriage to include same-sex couples.

Robert Wolfe (Policy Studies) is interviewed on *CBC Radio* about the ongoing relationship between Prime Minister Martin and President Bush.




Cockfield

Art Cockfield (Law) discusses on *CBC Radio* criminal law reform and the release of sex offenders to halfway houses.


Anita Kranjc (Political Studies) and **Kathy Lahey** (Law) are interviewed on *CBC Radio* Montreal about President George Bush's visit to Canada and issues affecting Canada - U.S. relations.

Kim Nossal (Political Studies) is interviewed on *Voice of America* international news from Washington, DC about Canada-U.S. relations.



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CANADIAN CLUB OF KINGSTON

Luncheon meeting, noon, Thursday, January 13
Guest speaker: Tom Courchene,
Professor, School of Policy Studies, Queen's University
"NAFTA-Where Next?"

Minos Uptown Village, 2762 Princess St, Kingston.
Reservations 384-2021 (Club information 530-2704)

Members \$20 Guests \$25



**Advisory Committee
Southern African Research Centre**

In accordance with Queen's University Senate Policy on "Procedures Governing the Establishment, Reporting and Review of Research Centres, Institutes and Other Entities at Queen's University", Vice-Principal Kerry Rowe is pleased to announce the membership of the Advisory Committee for the review of the Southern African Research Centre:

Geoffrey Hodgetts, *Department of Family Medicine*
Hok-Lin Leung, *School of Urban and Regional Planning*
Patricia Rae, *Department of English*
Robert Wolfe, *School of Policy Studies (Chair)*
Dick Zoutman, *Department of Pathology; Community Health and Epidemiology*
Sonja Verbeek, *Office of the Vice-Principal (Research) (Secretary)*

Members of the University community are invited to submit their comments on the present state and future prospects of the Centre to the Chair of the Committee, Dr. Robert Wolfe c/o the Office of the Vice-Principal (Research), by January 24, 2005. For more information on the Centre, please visit the Centre's website at <http://www.queensu.ca/sarc/>.

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Submission information

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

Awards and Grants

Queen's University Technology Sponsorship Fund call for applications 2005

Campus Computer Sales and Service and their major technology partners have established a fund to support priority adaptive and learning technology initiatives at Queen's. Approximately \$80,000 is available for disbursement in this year to be awarded competitively to high-need projects that will directly impact the quality of the teaching and learning environment at Queen's. Projects related to adaptive and special-needs technologies will be given priority. Projects related to the broader learning environment will be considered if funding permits. Faculty research projects and individual student projects will not be supported. This is one-time funding. Faculties, departments, units and student government, associations and clubs may apply. Outline the project objectives making explicit reference to the terms of the Technology Sponsorship Fund as listed above and include a detailed budget with a list of other funds that have either been committed or applied for. Application review committee members are: John Dixon, Associate Vice-Principal (Academic), Chair; Sean Reynolds, Director, ITServices; faculty mem-

ber; student member appointed by the AMS; and a staff member from ITServices. Advice may be sought from the Queen's Accessibility Committee. Submit applications to the Office of the Vice-Principal (Academic) by Friday, Jan. 21, 2005. Awards will be announced in February. Successful applicants will make appropriate acknowledgment of this support.

Faculty Appointment

The following is a new full-time faculty member in Health Sciences: Lucie Pelland, Rehabilitation Therapy (Dec. 15, 2004)

Committees

Advisory Committee, Southern African Research Centre

In accordance with Queen's University Senate Policy on "Procedures Governing the Establishment, Reporting and Review of Research Centres, Institutes and Other Entities at Queen's University", Vice-Principal Kerry Rowe is pleased to announce the membership of the advisory committee for the review of the Southern African Research Centre: Geoffrey Hodgetts, Family Medicine; Hok-Lin Leung, Urban and Regional Planning; Patricia Rae, English; Robert Wolfe, Policy Studies (Chair); Dick Zoutman, Pathology, Community Health and Epidemiology; Sonja Verbeek, Office of the Vice-Principal (Research) (Secretary). Members of the university community are invited to submit their comments on the present state and future

prospects of the centre to the chair of the committee, Dr. Robert Wolfe c/o the Office of the Vice-Principal (Research), by Jan. 24, 2005. For more information go to www.queensu.ca/sarc/.

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 December 2004.

30 years: Jane Walker, Engineering Science Library

25 years: Tara Oberai, School of English

15 years: Jennifer Galloway, Purchasing; LeeAnne Howland, Clinical Trials Group; Sally McKegney, Faculty of Health Sciences; Sharon Weiler, Development & Business Relations

10 years: Susan Reid, Physical and Health Education

Five years: Daniel Robertson, Alumni & Donor Relations; Virginia Wilson, Education

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 <http://www.hr.queensu.ca>

Notices

S.O.A.R. summer employment

S.O.A.R. needs ten highly motivated, outgoing and enthusiastic Arts and Science students to work as peer advisers for the Summer Orientation to Academe and Registration (S.O.A.R.) Program. \$12 an hour for 5 weeks June 27 to July 22 including training. Applicants must be entering third or fourth year of an Arts and Science program in September 2005; in good academic standing; committed to helping new students. Details, job description and information at www.careers.queensu.ca. Applications will be accepted online, using CSN to Friday, Jan. 14.

Staff Appreciation Day draw winners

Karen Hitchcock, Principal (night out/night in gift basket) – Adriana Gencarelli; Suzanne Fortier, Vice-Principal Academic (pewter vase) – Erin Wicklam; George Hood, Vice-Principal Advancement (Golden Gael jacket) – Aaron Ball; Kerry Rowe, Vice-Principal (Queen's fleece blanket) – Ann Marie Sargeant; Andrew Simpson, Vice-Principal (chocolate lovers gift basket) – Dean McKeown; Richard Weatherdon, Associate Vice-Principal (floral arrangement) – Elspeth Morgan; Cynthia Baker, Director School of Nursing (aluminum water bottle) – Debra Fraser; Rosa

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.




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REGISTRATION DEADLINE: JANUARY 14

Bruno-Jofré, Dean of Education (book) – Susan Marlin; Bob Crawford, Dean of Student Affairs (mug and t-shirt) – Debra Hamilton; Tom Harris, Dean of Applied Science (gift basket) – Dave Quesnel; David Saunders, Dean of School of Business (hoodie sweatshirt) – Brenda Sheldrick; Bob Silverman, Dean of Arts and Science (nightshirt/chocolat) – Dorry Hineman; David Walker, Dean of Health Science (gift basket) – Anne Tobin; Jo-Anne Brady, University Registrar (Christmas village) – Marcia Marady; Sean Reynolds, Director of Information Technology Services (notebook case) – Helen Mosher; Paul Wiens, Chief Librarian (gift basket) – Debra Stirton-Massey.

PhD Examinations

Regular university staff may attend PhD examinations.

Tuesday, Dec. 7

Bo Kou, Chemical Engineering. Mathematical modelling of gas-phase ethylene polymerization with metallocene catalyst. Supervisors: K.B. McAuley, J.C.C. Hsu.

Karlis Mits, Economics. Essays on incomplete markets and international business cycles. Supervisor: A.C. Head.

Alan Wong, Chemistry. Nuclear magnetic resonance studies of metal ions in biological systems. Supervisor: Gang Wu.

Wednesday, Dec. 8

Abdelhamid Abdalla Esbata, Chemistry. Homogeneous and heterogeneous catalysis of the hydrolysis of the organophosphorothioate

compound, quinalphos. Supervisor: G.W. vanLoon.

Sergei Manzhos, Chemistry. Excited state characterisation of hydrogen halides using velocity map imaging. Supervisor: H.P. Loock.

Thursday, Dec. 9

Margaret Meban, Education. Toward a situated view of artistic practice for art education: two case studies of professional artistic practice. Supervisor: H.A. Smith.

Monday, Dec. 13

Marla Lujan, Physiology. Endocrine responses to caloric restriction in the non-human primate: effect of leptin administration and re-alimentation. Supervisor: D.A. Van Vugt.

Carmen Varty, History. 'Laudable undertaking': women, charity, and the public sphere in mid-nineteenth-century Hamilton, Canada West. Supervisor: E.J. Errington.

Wednesday, Dec. 15

Michael Jones, Psychology. Learning syntax and semantics from statistical redundancies in language: a computational approach. Supervisor: D.J.K. Mewhort.

Tuan Trang, Pharmacology & Toxicology. Studies on the role of sensory neuropeptides and arachidonic acid-derived metabolites in the development of opioid physical dependence. Supervisor: K.H. Jhamandas.

Thursday, Dec. 16

Richard Amankwah, Mining Engineering. Biodegradation of sul-

fides and carbonaceous matter in refractory gold ores. Supervisor: W.T. Yen.

Thursday, Dec. 16

So Jung Lee, Physical & Health Education. Influence of cardiorespiratory fitness and exercise training on obesity and metabolic risk. Supervisor: R.M.J. Ross.

Thursday, Dec. 16

Ping Li, Mathematics & Statistics, Seminormality and the cohen-macaulay property. Supervisor: L.G. Roberts.

Monday, Dec. 20

Ann Patteson, Education. Present moments, present lives: teacher transformation through art-making. Supervisor: R.B. Upitis, A207 McArthur, 2 pm.

Surplus Items

Art offers for sale

1 – Sharp ER 2386S cash register. Good condition with instruction manual. For information or to view call Mary Jane Kingston at ext. 77354. Submit sealed bids marked "Department of Art" to Fran Lanovaz, Purchasing Services by 4 pm on Monday, Dec. 27. Please mark bids "Confidential". Queen's is not responsible in any way for the condition of any item(s) it has made available nor for any damage or injury that may occur due to use or removal of the item(s). Queen's reserves the right to reject any or all bids. Only successful bidders will be notified.

Art

The Agnes Etherington Art Centre

University Avenue
www.queensu.ca/ageth/

Union Gallery

1st floor of the Stauffer Library (corner of Union and University)
www.uniongallery.queensu.ca/

The Studio

B144 Duncan McArthur Hall (corner of Sir John A. MacDonald Blvd. and Union Street)
Studio hours Tuesday and Thursday 11:30 am to 1 pm, Wednesday, noon to 1 pm or by appointment. For information contact Angela Solar, 533-6000, ext. 77416 or solara@educ.queensu.ca.

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.html

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

Chemistry
chem.queensu.ca/NEWSAND-EVENTS/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

Submission Information

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

Please submit your information in the body of an email message to:
gazette@post.queensu.ca

The next *Gazette* deadline is Monday, Jan. 3 at noon.

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