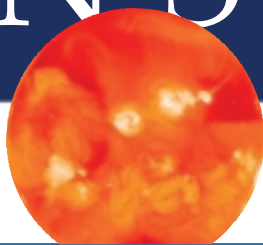


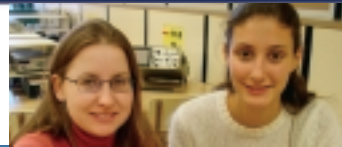


QUEEN'S GAZETTE

Harnessing the sun P10



Applied science: It's a girl thing P12



A lot to celebrate

CAMPAIGN FOR QUEEN'S CLOSURES THE BOOKS WITH MORE THAN \$252 MILLION RAISED

By PETER AITKEN

When the books closed this year at midnight on April 30, the Campaign for Queen's officially concluded. There is a lot to celebrate – the campaign exceeded its goal by more than 25 per cent, raising \$252 million for the university.

Coincidentally, 2003 also marks the 116th anniversary of the Jubilee Campaign undertaken by Queen's Principal George Munro Grant, one of our first fundraising champions, with a goal of \$250,000.

Now 116 years later, here's what more than 1,000 times the money will do for Queen's: almost \$60 million will go to student aid resulting in more than 500 new awards and bursaries to benefit about 5,000 students; more than \$55 million will go toward supporting faculties and schools with chairs,

professorships and curriculum; and more than 500,000 square feet of new buildings/facilities – the largest infrastructure renewal in Queen's history.

The total for this historic campaign is more than double the previous best of \$108 million raised in the 1992 Challenge Campaign.

"This is a magnificent achievement for Queen's University that will have lasting benefits for generations," says Principal Bill Leggett. "Securing a \$250 million investment in Queen's was a monumental task and has

involved more than 50,000 benefactors and volunteers, many of whom are Queen's staff, administration, faculty and students. The success of the \$37-million Campus Community Campaign sent a very powerful message on the campaign trail to our alumni and friends and helped inspire many to invest in the Campaign for Queen's."

Queen's students also showed tremendous support for the campaign with a \$3-million contribution.

"I am thoroughly impressed as I think everyone is with the

success of the capital campaign," says AMS President Michael Lindsay. "In dealing with student governments in Ontario and across Canada, I can assure you the administration of Queen's and the Office of Advancement has pulled off a triumph. The students are truly grateful, as am I."

Faculty participation also played a vital role, with a growing awareness from individual departments of how critical private support can be in advancing their goals.

See A LOT TO CELEBRATE: Page 2

HANDLE WITH CARE



STEPHEN WILD

Volunteer Sergey Kholouski and art conservation professors Krysia Spirydowicz and Christine Adams prepare to move a valuable Inuit sculpture from Mackintosh-Corry Hall for much-needed restoration. For the story, see page 13.

Tops in Canada

ADVANCEMENT BRINGS HOME GOLD AS STAR RISES

Queen's has won four gold medals and one silver from the Canadian Council for Advancement in Education (CCAIE) for its work in communications and marketing as well as the council's 2003 prestigious Rising Star award.

The rising star award went to Liz Gorman, manager of On-line Community and Regional Programs in the Office of Advancement. It recognizes the achievement of new Advancement professionals whose early success in the field augurs well for future leadership and accomplishment.

The *Queen's Gazette* took a gold medal in the Best Newspaper Category, one of the council's most competitive award categories with 26 entries. Queen's International Study Centre Viewbook won a gold medal in the Best Viewbook Category, the second consecutive year Queen's has taken top honours in this prestigious category. The ISC Viewbook also won a silver medal in the Best Brochure category.

Another gold medal was won for the School of Computing Launch Campaign in the Best Ad Campaign category.

The Prix D'Excellence Award recipients will be honoured at the CCAIE's national conference in June.

New Quality Assurance Fund targets academic initiatives

By CELIA RUSSELL

The new provincial Quality Assurance Fund announced as part of the recent Ontario budget will help address some of the financial challenges facing the university, says Principal Bill Leggett.

In his more than 25 years as an academic administrator, this is the first time that he has seen government money being reinvested in education, he told Senate at its April 24 meeting.

"We won't see huge changes, but there will be some."

The \$200-million fund will flow to universities in 2003-04, 2004-05, 2005-06 and 2006-07. The \$75 million of this fund that universities will see this fiscal year represents about four per cent of the current base funding to Ontario universities, and could be considered as inflation funding for 2003-04.

Of the \$4.5 million Queen's expects to see, \$1.3 million will

go to the Office of the Vice-Principal (Academic) to support academic initiatives including the library; \$500,000 will go to the university's Reinvestment Fund, increasing it to \$1.5 million and \$400,000 will go to the Office of Advancement to sustain fundraising activities. With Queen's latest campaign wrapping up at the end of April, the university made a commitment to change the previous practice of winding down a campaign,

laying off staff and then in a few years, starting up cold, said Principal Leggett. The goal now is to increase the amount of private support the university receives to \$40 million a year within the next five years.

The remainder of Queen's Quality Assurance funding will pay for a projected deficit of \$2.3 million and help the university achieve a balanced budget.

For more Senate news see page 13.

Index

Bulletin Board	15
Calendar	16
Careers	14
Discovery @ Queen's	8
University Roundup	7
Viewpoint and Letters	6

CCAIE Gold Medal 2003 For news updates visit us online @ www.queensu.ca/newscentre

Queen's News Centre

Campaign part of the solution, not the answer

By PETER AITKEN

The Campaign for Queen's is delivering \$252 million in private support to the university.

Although the campaign goes a long way to addressing the university's financial challenges, it will not solve them, says Principal Bill Leggett.

"It's a valuable part of the solution, not the answer", he says. "The campaign's success is an unprecedented act of generosity by people who care deeply about Queen's. And, make no mistake, this partnership is essential to our being the quality leader for higher education in Canada."

While vital to the learning environment, private support is not the "silver bullet" that will solve all of the university's challenges, he says.

In the absence of improved

base funding from the government and greater autonomy with respect to tuition in regulated programs, Principal Leggett feels "Queen's financial challenges will continue, notwithstanding our successes in other areas."

"The root of the fiscal challenges I've identified lie in operating funds. Campaign monies are typically directed to special projects (infrastructure renewal, equipment funds) or to the endowment (student aid, chairs/professorships) to meet priorities identified by the faculties and departments."

In fact "unrestricted" gifts, (those gifts that the university can use at its discretion, including operating needs), only constitute \$12.7 million, or five per cent of the \$252 million campaign total.

The campaign does, however,

contribute significantly to the Queen's endowment. Income from the endowment has been increasingly important to the operating budget.

Annual contributions through investment income and restricted endowment expenditures now represent more than 11 per cent of the budget, up from 8 per cent just five years ago.

Principal Leggett refers to private support in his recent State of the University address as "the icing on the cake to make us excellent."

"We should be deeply grateful to the over 50,000 individuals and corporate partners who have supported the Campaign for Queen's", says Leggett. "Still, this group cannot be expected to underwrite an institution aspiring to the excellence of a Queen's University."

A lot to celebrate

continued from page 1

"During the campaign, in my role as associate dean, I became involved in several fundraising projects and witnessed the momentum created within a department by a big gift," says Anne Godlewski, Faculty of Arts and Science. "At the time, there were faculty members who were not aware of the potential of this type of work. We may have different views, but we share a common desire to garner more resources. In my experience, faculty members were the key people to talk passionately about their work and engage potential donors. The campaign has nurtured a growing awareness, particularly among the department heads that this work is vital to the growth of their departments."

The campaign achievement notwithstanding, there were campaign projects that did not get funded.

"Unfunded projects are, unfortunately, pretty much a given in any capital campaign at any university", says George Hood, Vice-Principal, Advancement. "When the faculties and departments were asked to submit their priority projects, we

ended up with a list worth more than \$400 million. Our consultant at the time recommended that we had the capacity in our population to generate \$150 million. The principal directed us to adopt a more aggressive goal of \$200 million, one which we have significantly exceeded."

Mr. Hood adds that circumstances and priorities also change.

"During the past six to seven years, Queen's has managed to very successfully capitalize on government funding programs. These include SuperBuild, with its focus on infrastructure renewal and the Ontario Student Opportunity Trust Fund (OSOTF) for student aid, programs which provided excellent fundraising opportunities in seeking matching funds from donors.

"As we move forward, we are working with the faculties and departments on new consultations," he says. "We're very proud of what has been achieved here, but our mandate is to add value to Queen's, each and every year."

This weekend, many of the major donors to the campaign will be on campus for a closing celebra-

tion that will recognize more than 100 years of Queen's philanthropy.

In 1887, Principal Grant made an emotional appeal to the friends of Queen's, saying "the supporters of Queen's have been tested before, and have never failed...it is not possible to believe that our university...shall be suffered to dwindle and starve, just when a new era is dawning."

"If only Principal Grant and his Jubilee Campaign team could be with us today to witness our 1,000 fold increase in support," says Principal Leggett. "I believe they would look upon this moment with great satisfaction and would take pride in the giant strides made by this institution over the past 116 years. This has been one of the proudest moments I've been privileged to experience and I hope that everyone in the Queen's community will take pride in this historic achievement."

The final totals and detailed information will be published in a special *Queen's Gazette* insert this fall. A final report for the entire Queen's community will be included with the fall *Alumni Review*.

IN BRIEF

McDonald of Quirks & Quarks comes to Queen's

Bob McDonald of CBC's Quirks & Quarks and the Hon. Peter Milliken, Speaker of the House of Commons, will address the Saturday, May 10 final banquet of the inaugural National Technology Youth Leadership Conference.

The event takes place from 6 to 8 pm in the Biosciences Atrium. Tickets are \$25 and available by emailing exec@ntylc.org for dinner tickets.

For more information on the conference, which takes place May 8 to 11, see the website: www.ntylc.org.

Correction

Lucinda Walls, Art Librarian, wrote the April 21 Books & Bytes column (*Valuable art collection moves to Stauffer Library, page 5*).



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APPLICATION DEADLINE: May 9

More students satisfied with instructor accessibility, newest exit poll shows

FIRST-EVER ON-LINE POLL ALLOWS FOR QUICK RESULTS

By MEGAN EASTON

Eighty-three per cent of the students who responded to Queen's 2002 undergraduate Exit Poll said their instructors were readily available outside of class, up from 69 per cent in 2001.

Seventy nine per cent said their instructors showed a positive attitude towards students. Just 36 per cent of 2002 respondents, on the other hand, believed there was an appropriate use of teaching assistants in their courses.

The three most important characteristics of students' learn-

ing experiences were intellectual stimulation, a balance between theory and practice, and instructors taking an active interest in their learning, respondents said.

Queen's made the greatest contribution to their individual learning and development in the areas of critical judgment, problem-solving skills and leadership skills, graduating students reported. Eighty per cent of all respondents said that their experience at the university enhanced their ability to work independently, while 77 per cent said their Queen's education helped them develop their research skills.

For the first time in the survey's nine-year history it was administered on-line.

In the past, students received the survey by mail, and their responses were later entered

into a database. The 2002 on-line survey responses, both qualitative and quantitative, went directly into the database, allowing university administrators to access and analyze information more quickly and easily.

"The survey's move to the web has not only improved efficiency in data analysis and cost at our end, but it's more user-friendly for students," says Jo Brett of the Office of the University Registrar.

The shift from a paper to an electronic survey increased the response rate by two per cent. The average response rate of just over 40 per cent of graduating students is considered excellent for surveys of this type, says Ms. Brett.

The office is striving to further increase students' participation in the exit poll, which

offers insight into the university's overall performance at the undergraduate level. "We are currently considering issues such as the timing of the distribution in early April, when students are busy with classes ending," she says. Other initiatives aimed at boosting the response rate include follow-up emails, ads in *The Journal* student newspaper and a random draw for a cash prize for early responders.

When it came to university facilities and services, students demonstrated the highest degree of satisfaction with library services, library facilities and hours and health services – a trend that has been consistent for the last six years.

Compared to 2001 respondents, 2002 respondents indicat-

ed higher degrees of satisfaction with classroom facilities, registration services, laboratory facilities, computing facilities, career counselling services and residences. Students' satisfaction with athletic facilities continued on a downward trend, however, going below 50 per cent to 39 per cent for the first time since the survey's inception.

Respondents from the Faculty of Arts and Science continue to dominate the overall results, with more than half coming from that faculty. Since 1994, the proportion of female respondents has remained relatively steady at about 60 per cent.

For the full survey results, see the Office of the University Registrar's web site at www.queensu.ca/registrar/exitpoll/exitpoll_2002.pdf

Alumni teaching award winner a big hit with students

An avid interest in student learning has earned Chemistry department instructor Bill Newstead the 2003 Alumni Award for Excellence in Teaching.

This is his second major classroom award of the year – this spring, Professor Newstead won the Alma Mater Society's Frank Knox Award for Excellence in Teaching.

Although relatively new to Queen's Chemistry department – he joined in 2001 – Professor Newstead is no stranger to teaching. After earning his BSc in Chemical Engineering at Queen's in 1968 and an MSc two years later, he embarked on a 30-year career teaching at Frontenac and Sydenham high schools.

"I don't look on my teaching at Queen's as a second career," he says. "It's really a continua-

tion of what I've been doing. My attitude towards teaching hasn't changed, only my clientele has."

"My attitude towards teaching hasn't changed, only my clientele has."

Bill Newstead

Professor Newstead kindles an excitement, in the students he teaches, in the world of atoms and molecules. The dozens of students and colleagues who wrote supporting letters for his nomination praised his classroom prowess. "It is the overwhelming opinion of my classmates that Bill Newstead is the best teacher we have," wrote one first-year student. Applied Sci-

ence Dean Tom Harris echoed those comments in his nomination letter, saying "[Bill] has an enthusiasm for [teaching Chemistry] and an interest in student learning that is infectious."



Newstead

The Alumni Teaching Award includes a \$5,000 cash prize and a commemorative sculpture and is one of Canada's most lucrative teaching honours. Presented annually by the Queen's University Alumni Association, the award recognizes faculty who show outstanding knowledge, teaching ability, and accessibility to students. Alumni, current students, or colleagues may nominate candidates.

Connecting with Queen's

UNIVERSITY COUNCIL TO EXPLORE HOW QUEEN'S MAINTAINS TIES WITH UNIVERSITY FAMILY

University Council members will discuss how to improve and maintain ties within the university family at the 128th annual meeting this Friday, May 9 in the Biosciences complex.

The morning session opens at 9 am with a welcome by Les Monkman, program chair, followed by an address by Chancellor Charles Baillie.

At 9:15 am George Hood, Vice-Principal (Advancement), Ray Satterthwaite, Associate Vice-Principal (Advancement), Catherine MacNeill, Director, Department of Alumni Affairs and Richard Seres, Director, Department of Marketing and Communications will discuss

the theme Connecting with Queen's. Council members will form groups afterwards to discuss questions including, What connects you to Queen's? What factors influence your continuing connections with the university? How could your connections to Queen's be enhanced?

The business portion of the meeting takes place in the afternoon and includes the election of trustees from University Council. Candidates Curtis Bartlett, Duncan Card and Joe Lougheed will address council members. At 3:30 pm, Principal Bill Leggett will address council and field questions.

The annual awards dinner will take place at Ban Righ Hall that evening. Distinguished Service Awards will be awarded to Daniel Burns, Bruce Hutchinson, Murray Maracle and Robert Peterson and Bill Newstead will be honoured with the 2003 Alumni Award for Excellence in Teaching.

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Queen's experts comment on SARS and Canada-U.S. relations

QUEEN'S IN THE NEWS

Highlights of Queen's experts in the media.

■ April 16 – April 29



Murray

Alison Murray (Art Conservation) discusses art conservation as a career choice in a *Globe and Mail* story about fine arts education.



Wong

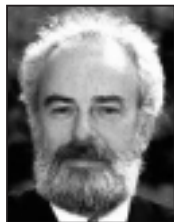
Ken Wong (Business) comments in the *Globe and Mail* about Pepsi-Cola Canada Ltd. placing comedians at busy Toronto intersections to 'cheer up' people depressed by the SARS outbreak. *Marketing Magazine* also interviews him about the branding strategy used by Fido cellular service provider.

Douglas Bland (Defense Management) comments in the *National Post* about Prime Minister Chrétien's cancellation of a contract to purchase new military helicopters after he was elected.

Kristan Aronson's (Community Health & Epidemiology) commentary about several studies that list alcohol as a significant risk factor for breast cancer is highlighted in the *National Post*. The commentary receives extensive regional coverage including *The Vancouver Province*, *Vancouver Sun*, *The Edmonton Journal*, *The Calgary Herald*, *The Gazette* (Montreal) and *CBC Radio's Ontario Morning* show.

John Smol and Kathleen Ruhland's (Biology) research documenting parallel ecological changes over the past 150 years

in 50 lakes across the Arctic, originally featured in the *Globe and Mail*, continues to receive coverage, most recently in *The Kingston Whig-Standard*, *CBC Radio* (Whitehorse) and *SpaceDaily.com*.



Wolfe

An opinion piece by **Robert Wolfe** (Policy Studies) about Canada-U.S. relations is published in the *Toronto Star*.

Queen's **High Performance Computing Laboratory** (HPCVL) is featured in *Research and Development Magazine* and *Scientific Computing and Instrumentation*.

Eric Carstens (Microbiology & Immunology) discusses the struggle to determine the cause of SARS in a *Toronto Star* article.

Rick Palmer (Admissions) comments in the *Toronto Star* about how Queen's entrance grades compare with those of first-year students.



Young

Pamela Dick-ey Young (Religious Studies) comments in the *Ottawa Citizen* on the symbolism of the cross in feminist theology.

The Kingston Whig-Standard reports on announcement that **12 Queen's researchers** are recipients of the annual Premier's Research Excellence Awards and that they each will receive up to \$100,000 from the Ontario government and an additional \$50,000 from the university to further their research.

An article co-authored by **Matthew Mendelsohn** (Political Studies) about the need for a Canadian health council runs in the *Toronto Star*.

The Kingston Whig-Standard covers a new regional assessment and resource centre to open at

Queen's this summer and an online support program for people with learning disabilities. **Allyson Harrison** (Psychology) secured provincial funding for both projects.



Bond

covered in *The Edmonton Journal*.

Sheryl Bond (Education) comments in *The London Free Press* about John Manley's dismissal of Sheila Copps's Liberal leadership ambitions. The story is also



MacLean

Edmonton Journal, *The Hamilton Spectator*, *The London Free Press*, *St. John's Telegram* and on *CBC Radio's Ontario Morning*.

Results of a study on children's response to night-time fire drills, co-authored by **Alistair MacLean** (Psychology), generates coverage in the



Bala

Research on sex offenders by **Bill Marshall** (Psychology) is featured in a *Kingston Whig-Standard* story on educating Catholic Church officials about child sexual abuse.

Nick Bala (Law) comments in *The London Free Press* about the complexities of the new Youth Justice Act.

Risk communications expert **William Leiss** (Policy Studies) discusses on *CBC Radio Syndication*, broadcast across the country, the process of communicating SARS information to the public. He is also interviewed

on *CBC Radio News* about the risk posed this summer by the West Nile virus.

David Goldstein (Anesthesiology) discusses on *CBC Radio's Ontario Morning* the new SARS electronic screening system developed at Queen's. The system is also featured in a front-page story in the most recent *Medical Post*.

HIV AIDS expert **Peter Ford** (Rheumatology) discusses on *CBC Radio's World Report* and *The World at Six* the pros and cons of needle-exchange programs in federal prisons to stem the spread of AIDS and Hepatitis C.



Pardy

helped draft to prevent the use of pesticides for cosmetic or aesthetic purposes within city limits.

Bruce Pardy (Law) comments in the *Kingston Whig-Standard* on the proposed bylaw he

Gerald Evans (Medicine) is featured as an expert on *CBC radio's Ontario Morning* phone-in on the topic of whether or not people are hesitant to travel to Toronto because of the SARS outbreak.



Kobayashi

determine whether police officers practice racial profiling.

Audrey Kobayashi (Geography) comments in *The Kingston Whig-Standard* about a new contact-documentation strategy in Kingston to

Jean Côté (Physical & Health Education) comments on *CBC French Radio* (Toronto 860 AM) about sport psychology research and practice.

Mark Danby (Education) discusses the Ontario Teacher Qualifying Test on *CBC Radio's Ontario Morning*.



Duffin

historical perspective of infectious diseases and addresses some of the controversies associated with the scientific debate surrounding SARS.

On a *CBC TV News World View* special and on *CBC Radio's Ontario Morning* show **Jacalyn Duffin** (History of Medicine)

Marc Epprecht (Development Studies) comments in a *Chronicle of Higher Education* story on African studies researcher Gavin Kitching.



Barling

started in China.

In a *Toronto Star* story about SARS, **Julian Barling** (Business) comments on how Asians are being scapegoated in Canada for a disease that

Research by **Roel Verte-gaal** (Computing) into human/computer interaction, earlier demonstrated on *Discovery Channel's Daily Planet Show*, is featured on *Wired News Online*.

The Kingston Whig-Standard reports that six Queen's cancer researchers **Poh-Gek Forkert** (Anatomy & Cell Biology), **David Lebrun** (Pathology), **Susan Cole**, **Deborah Feldman-Stewart**, **Michael Brundage** and **Martin Petkovich** (Oncology) have been awarded a total of \$2.7 million from the Canadian Cancer Society.



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IN BRIEF

Ethics expert to speak



Butz

Ethics expert **David Butz** of Brock University will speak on *Sidelines* by the *Guidelines: An Illustration of Qualitative Ethical Research* when he visits Queen's this

Thursday, May 8.

His lecture takes place at 3:30 pm in room 14, Dunning Hall. Dr. Butz's visit is presented by the Queen's University General Research Ethics Board, the Health Sciences and Affiliated Teaching Hospitals Research Ethics Board and the Office of Research Services.

Former Board member dies



Brown

Rosemary Brown, former member of Queen's Board of Trustees and recipient of an honorary degree, passed away on April 26. Dr. Brown

became the first black woman member of any Canadian parliamentary body when she was elected to the British Columbia provincial legislature in 1972.

Queen's Board of Trustees will pay tribute to her memory at its next meeting this Saturday, May 5.

Iraq needs constitutional debates on form of government and church-state relations, says Queen's democracy expert

As the U.S.-led war in Iraq comes to an end, Iraqi citizens are left without infrastructure, essential services and a sense of security. Current debates on the establishment of democracy in Iraq indicate that the struggle for order could be a long one. To get a sense of what lies ahead, the Queen's Gazette posed the following questions to Catherine Conaghan, Director of Queen's Centre for the Study of Democracy.

G: What is the process for establishing democracy in a country formerly ruled by a dictator?

CC: There is no single model for establishing democracy in the wake of a dictatorship. The unique historical experience of each country and the particularities of the transition process itself come into play. When dictatorships collapse on their own or by virtue of internal opposition, then domestic actors lead the political reconstruction. Since the transition in Iraq is a product of defeat in a military conflict, the United States has assumed a determinant role in the process via the interim administration that is being set up. American policymakers point to the democratization of post-war Germany and Japan as shining examples. However, many analysts are skeptical about whether that kind of suc-

cess can be achieved in Iraq given the complicated situation on the ground and Iraqi anxiety about the U.S. presence.

G: What is the process for preparing a general population to assume the rights and responsibilities associated with democratic government?

CC: There is no single template for how this is done. For decades, Iraqis were subjected to propaganda and indoctrination, totally immersed in the "cult of personality" constructed around Saddam Hussein. The country will need a free press, a new educational system, and information campaigns to help Iraqis make the transition from being subjects of authoritarianism to citizens in a democracy. The international community can play an important role in this process by providing Iraq with the assistance it will need to launch new initiatives in civic education.

G: What do you think will be the major challenges to establishing democracy in Iraq now that the U.S.-led war is over?

CC: The challenges are numerous. In the immediate run, the task is not so much building democracy per se as it is re-estab-



lishing order and re-building a competent state apparatus to provide basic services for people. Before it can make progress on political reconstruction, the U.S.-led interim administration has to establish some semblance of normalcy in day-to-day life. Once order is re-established, one of the major challenges that always emerges after the fall of dictatorship is holding officials accountable for the crimes committed during the dictatorship. The human rights violations under the Saddam Hussein regime were massive and horrific. Certainly Iraqis will want to see justice done. But the problem is that the justice system, along with the rest of the state, has to be reconstructed and it may be a long time before the system is ready to hold trials. This could

be a source of frustration to many. Whatever the obstacles, holding investigations and trials would constitute an enormous breakthrough for Iraq.

G: What challenges are presented by the ethnic and political issues both inside Iraq and bordering countries?

CC: One of the major challenges will be to construct political institutions capable of peacefully managing the potential conflicts among the three communities—the Kurds, Shi'a, and Sunni Muslims. Conflicts among these groups would threaten the integrity of the nation-state in Iraq. Turkey is fearful of Kurdish aspirations for independence. At the same time, the United States is afraid that political meddling by Iran might radicalize the Shi'a population and lead to pressures for a theocratic type of government. The Sunni population is fearful of reprisals because of their identification with the previous regime. The prospects for democracy in Iraq could certainly be de-railed if political violence breaks out and the leaders of these communities fail to hammer out compromises on what the new Iraq should be.

G: What form of government will best meet the needs of the Iraqi citizenry?

CC: If the political transition is to be perceived as legitimate by the Iraqi people, Iraqis will have to play a central role in determining the kind of institutions they want to see in place. If the new constitution is imposed unilaterally by the United States, the institutions will lack legitimacy just as the British-installed monarchy in Iraq did. Iraqis will have to engage each other and the U.S.-led interim authority in constitutional debates on a wide range of issues—ranging from the choice between parliamentarism and presidentialism to church-state relations.

G: What are the challenges to maintaining democracy once it is established?

CC: Holding free and fair elections is a major component of democracy, but democracy involves much more than just elections. The rule of law must be consolidated throughout the country. The military police and security forces must be subordinated to civilian authority. People must have meaningful opportunities to exercise their rights. In Europe and North America, it took decades to accomplish this. We should have no expectation that the road ahead for Iraq will be easy.

Students score national honours

PEOPLE

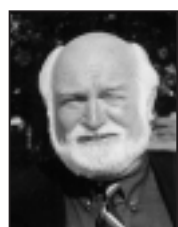
Students **Lisa Bartu** (Education) and **Megan Donaldson**, (Concurrent Education) have each won \$1,000 Energy Ambassador awards from Natural Resources Canada. The competition was open to students in education, law, environmental engineering and architecture in all Canadian universities. Ms. Bartu's project, titled Energy Education, and Ms. Donaldson's project, titled Canada and Energy, a curriculum unit for Grade 5, took two of the 10 awards available. The two spent four days in April in Ottawa meeting other winners, planning educational initiatives, and networking with industry and government leaders in environmental awareness. **Elspeith Deir** (Education) provided project support.



Angeles Garcia (Geriatrics) was an invited speaker at the recent IV Congreso Nacional de Alimentación y Nutrición, sponsored by the Asociación para la ciencia y la tecnología de los alimentos de Cuba, Ministerio de la industria alimentación, held in La Habana, Cuba. Dr. Garcia spoke on the relation between homocysteine and dementia.

Wally Bartfay (Nursing), **Ena Howse** (Nursing), **Andrew Kropinski** (Microbiology &

Immunology), **Brian Milne** (Anesthesiology), **Ross Morton** (Medicine), **Simon O'Brien** (Psychiatry) and **Andre Tan** (Otolaryngology) were honoured recently with 2003 Faculty of Health Sciences Education Awards for their significant contributions to teaching and education.



Brian Osborne (Geography) was the keynote speaker at the recent Algonquin Research Symposium, Social Science in Parks and Protected Areas. He presented a paper on Constructing Canada Outdoors: An Iconographic Analysis of Landscape and Nature, from Animism to Artifice. **Marijke Huitema** (PhD candidate, Geography) also attended the conference and presented Dissonant Ideologies: The Ojibwa-Algonquin Presence in the Ottawa-Huron Tract in C19 Ontario.

At a recent Queen's Athletics award ceremony, **Hal "Moose" McCarney** was presented with the Michael J. Rodden Memorial Plaque in recognition of 55 years of dedicated service to Queen's Athletics as a football player, assistant football coach, founder of the QFC Booster Club, founder of the Queen's Football Hall of Fame and as an ardent fan and strong supporter of football and student life at Queen's University.

Edward Lobb (English Language & Literature) and **William Newstead** (Chemistry) were honoured recently with this year's Frank Knox Award for Excellence in Teaching. At the same reception, **Bart Bonikowski** (Film Studies), **Miles Bowman** (Psychology) and **Allen Brown** (Biology) were honoured as this year's recipients of the Christopher Knapper Award for Excellence in Teaching Assistance.

Wayne Myles (International Centre) spoke on Perspectives on the Canadian Experience in Study Abroad at the Symposium on International Education for Students with Disabilities held recently at Saint Mary's University, Halifax, Nova Scotia.



From May 1 to Aug. 31, **Christine Overall** (Philosophy) will be the first **Humphrey Professor of Feminist Philosophy** at the University of Waterloo. She will teach a combined fourth year and graduate course, "Advanced Studies in Feminism", and giving a series of five public lectures based on her 2003 book, *Aging, Death, and Human Longevity: A Philosophical Inquiry* and on some new material.

People celebrates the accomplishments of Queen's community members. Email your items to gazette@post.queensu.ca.

QUFA to represent new adjunct group

Queen's University Faculty Association (QUFA) now represents a new group of adjunct instructors in employment issues at Queen's.

On March 27, QUFA made an application for certification to the Ontario Labour Relations Board. A vote of potential members of the proposed bargaining unit took place on April 3.

The ballot box was sealed following the vote because the definition of the bargaining unit had yet to be determined. The university and QUFA subsequently reached an agreement on the bargaining unit definition.

Membership consists of those adjunct academic staff, Group 1, who are not already QUFA members and who teach degree-credit courses for pay.

Only a subset of the Adjunct-1s will be included in this new bargaining group. As a whole, the Adjunct-1 group includes a large number of part-time faculty with a wide range of duties, says Associate Vice Principal (Academic) **John Dixon**.

For details on who qualifies as a member of the new group, please see the QUFA website at www.queensu.ca/qufa.

University and QUFA officials subsequently conducted a comprehensive review of potential members and agreed that the number who met the definition was 218 people. Only votes cast by people in this group were counted. Of the 86 eligible voters who cast ballots, 67 voted in favour of certification and 19 were opposed.

Although the new bargaining group membership stood at 218 on voting day, it will fluctuate each year, depending on the number of people contracted to teach courses.

"The university and QUFA have a productive history of collective bargaining in academic labour relations," says Vice-Principal (Academic) **Suzanne Fortier**. "They have worked successfully in achieving a series of collective agreements for faculty, librarians and archivists. We anticipate that this round of bargaining will be both constructive and effective."

QUFA already represents those adjuncts who teach at least two full courses per year or who are paid an amount equal to half the floor of an assistant professor.

www.queensu.ca/qufa/

VIEWPOINT

RICHARD SERES
Marketing and
Communications



Joe Public and university quality

For those of us at Queen's whose lives are immersed in the world of higher education, the meaning of "quality" here is well understood.

The definition of quality will vary depending on who you ask, but most likely encompasses student/faculty ratios, class size, state-of-the-art facilities, award-winning faculty, exceptional students and cutting-edge research.

But what does quality in higher education mean to the average person? This was the subject of a recent survey of more than 1,300 Ontario residents conducted by EKOS Research on behalf of the Council of Ontario Universities (COU) during December of 2002. Results of this survey provide us with some interesting and sobering insights:

Unfortunately, the public does not yet identify quality as a major issue on the public agenda.

- Unfortunately, the public does not yet identify quality as a major issue on the public agenda - there is no perceived crisis. In the survey, 76 per cent of respondents agreed with the statement "I'm proud of the quality of Ontario Universities;" 66 per cent indicated that they felt overall quality of Ontario universities was above average and only 4 per cent thought it was below average; 71 per cent indicated that they felt quality of education in Ontario universities had stayed the same or improved in the last 10 years and 67 per cent felt that the quality of education at Ontario universities was "the same or better" when compared to universities in the U.S. and other provinces.
- The public attributes "good quality teaching skills of faculty/professors" and "qualifications/experience/knowledge of professors" as being important determinants to quality. Fully 45 per cent of respondents identified these attributes to a high-quality university education in an open-ended question.
- Quality is embraced and valued even in the face of the double cohort and the accessibility issues that it has raised. An amazing 47 per cent agreed with the statement "Ontario universities must ensure high-quality education, even if it means some qualified students are turned away to prevent overcrowding."
- The public does not view universities as being overly dependent on government funding and feels the government should be investing more. In the survey, 48 per cent of respondents disagreed with the statement "Ontario universities rely too much on government funding"; 72 per cent felt that government has not been investing enough money in Ontario universities; 75 per cent felt that government should invest more even if it meant higher taxes or the reduction of government spending on other areas.

Overall, these findings suggest that the public does understand what quality means in the terms that we often use to define it, but does not see quality as being in crisis or in need of immediate focus. But, if they did see quality as a more pressing issue, they would be willing to support the idea of further financial investment.

Why should we care about the public's perceptions of "quality?" As we know all too well, these perceptions often help drive the public policy agenda of government and the financial attention directed to various public issues. With upcoming elections at both federal and provincial levels, we need to be mindful of the public's views and ensure that our own communications on quality resonate with how the "average person" understands the issue. Recent funding announcements demonstrate that government is increasingly paying attention to this issue, but more needs to be done.

The results of the COU survey are encouraging and indicate that the public is on the side of universities in this important issue. Hopefully, we can look forward to further investment to meet their expectations.

The full report of the Public Perceptions on Quality survey can be downloaded at: www.cou.on.ca/publications/briefs_reports/online_pubs/Public_Perceptions_On_Quality.pdf

Richard Seres is director of Marketing and Communications
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Viewpoint Policy

The *Queen's Gazette* welcomes submissions for Viewpoint from faculty and staff. Articles should be no more than 500 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: FEBRUARY 1987



LISA LOWRY

From left, Janet Bradden, Jennifer MacIntyre, Kim Vivian, Faye Alarie and Maureen Yearsley prepare for a game of bowling. Additional details about this photo are welcome. Please email gazette@post.queensu.ca.

QUEEN'S FLASHBACK: FEBRUARY 1994



LISA LOWRY

Biology technician Kelvin Cole, PhD student Marlene Kraml, research associate Steve Blakely and professor Katherine Wynne-Edwards admire a model of the proposed Biosciences Complex.

Letters

With committee work, "need" overpowers availability

There is, perhaps, one other reason why it is now harder to get faculty to help out with university committee work (*Faculty seats lie vacant on Senate committees, April 21, page 1*).

The Queen's University Faculty Association has some 170 positions that need to be filled, few of which existed a decade ago.

This is one major source of the remarkable proliferation of committees at Queen's.

"Need," then, has enlarged much more strikingly than the willingness or availability of faculty to sit on committees, which may, in fact, be relatively stable.

I wonder if it's time to ask whether some of our committees are really necessary?

Robert Malcolmson
History

Zimmerman and the history of radio

Further to the identification of Arthur E. Zimmerman in the picture with Steve Cutway, (*Queen's Flashback: June 1986, April 7*): it may be of interest to note that Dr. Zimmerman's fas-

ination with the development of radio in Canada and CFRC's and Kingston's place in that history, resulted in the publication in 1991 of his book *In the Shadow of the Shield*.

Barbara Campbell
Retired staff
Office of the University Registrar



QUEEN'S UNIVERSITY ARCHIVES

Zimmerman and Cutway

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.

Successful learners need an inclusive curriculum

Many of us at Queen's feel the pressure to provide growing numbers of ever-more-diverse students with a high-quality education. The situation will be aggravated by the imminent arrival of the double cohort. It's important that changes made out of necessity to accommodate more students do not compromise long-range goals. Promoting diversity is a guiding principle of this university. Are teaching and learning practices, including undergraduate curricula, consistent with our institutional commitment to educational equity?

It's important that changes made out of necessity to accommodate more students do not compromise long-range goals.

Participants in the April 17 Queen's Cross Faculty Teaching Forum on the Double Cohort raised significant concerns about the need to better support our diverse student body. Issues included: how to grab students' diverse interests, especially in large, required courses; how to best adapt the 'canon' to help all students see themselves in the course material; how to meet the needs of varied learning styles; how to reach across culture gaps among students, and between students and teachers; what are 'reason-



SUSAN WILCOX

Diversity

able' expectations regarding student behavior; how to set instructional goals when students have such varied academic backgrounds.

We agreed that every student deserves the opportunity to learn and to contribute in a supportive environment that validates and develops knowledge, insights, and perspectives. We believe that all students can be successful learners – if we use effective and inclusive educational practices and curricula.

Some suggestions for teachers included: thinking outside the box; polling students about their expectations; learning more about how to support different learning styles; profiting from student diversity by inviting their perceptions of the material and helping students take more responsibility for their education by teaching them how to learn. It was recommended that administrators better support instructors with the infrastructure they need to plan and offer excellent learning experiences for their students. Revising the curriculum to

promote educational equity is a continuous process of assessment, reflection, and improvement. The Faculty of Environmental Studies at York University, wanting to create a more inclusive academic community, initiated a series of workshops to better educate itself concerning diversity and equity issues. Faculty, students, staff and guests participated in the workshops, using expert resources available at York to facilitate their discussions.

This initiative, according to York Associate Professor Deborah Barndt, created a space to rethink current practices and allowed a core group of interested individuals to come together and make changes.

One valuable outcome was the development of guidelines for teaching faculty reviewing (individually and collectively) the curriculum, and specific courses to help them respond more effectively to diversity and equity concerns. These guidelines address curriculum and course content; instructional resources; teaching and learning practices, accommodations for special needs; and student access to equity policy documents.

For a copy of the draft guidelines currently being discussed and tested in the Faculty of Environmental Studies at York, contact the Instructional Development Centre (icentre@post.queensu.ca, or ext. 36428).

Susan Wilcox is acting director, Instructional Development Centre; Chair, Senate Educational Equity Committee.

How to teach more students effectively

The larger the class, the less students learn. Right?

Wrong! says Professor Mike Atkinson, keynote speaker and facilitator at this year's Cross-Faculty Teaching Forum. "Dr. Mike," as he's known to the 1,200 students in his introductory Psychology class at the University of Western Ontario, persuaded his audience of more than 75 faculty members from across campus that many of our conceptions about teaching and learning in large classes needn't be true.

It's not true that those students perform less well on their exams than those in smaller classes. The students in Dr. Mike's section slightly outperformed those in other smaller sections. It's not true that very large classes can't be interactive. Dr. Mike demonstrated a variety of strategies that can engage students in discussion and exercise their critical intelligence.

It is true that classes as large as Mike Atkinson's can't be successful without teachers making a substantial time commitment to preparing, even scripting, each class. Nor can they succeed without a team of technical assistants, TAs and a substantial financial investment by the university. Nor can they succeed without teachers who understand that teaching in this context is a form of performing – but, as Mike reminded us, not performing for its own sake, but performing that puts learning first.



MARK WEISBERG

Teaching Issues

None of us at Queen's teaches classes as large as Dr. Mike and none of us has the financial and technical support that he does. And unlike Dr. Mike, who's committed all of his teaching to this course, most of us have other teaching commitments.

There are, however, strategies we can use to engage our students actively in their learning, both in and out of our increasingly large classes.

Visit the University of Western Ontario's web site devoted to Teaching Large Classes at www.uwo.ca/edo/tlc/index.html. Visit the Instructional Development Centre's library, which has a variety of books on teaching large classes. There you'll find books full of suggestions, such as P. Race's *2,000 Tips for Lectures*, or Mel Silberman's *Active Learning: 101 Strategies to Teach any Subject*, as well as personal accounts of instructors facing the challenges of teaching large classes.

Consult with IDC staff members about your teaching. Attend an IDC *Meet the Teacher* session, designed to introduce you to a successful teacher sharing teaching philosophy and strategies, discussing what has worked and what hasn't (see www.queensu.ca/idc/programs/meet_the_teacher/winter2003/).

You might talk with a colleague in your department and even exchange classroom visits. Or, as several departments have done, arrange a departmental discussion series to talk about issues in teaching and learning. You can also regularly solicit feedback from your students, asking them about their learning and your teaching: what's working well, what isn't working well, how they think you could improve (see the *One Minute Paper*, available on the web or in the useful book by Angelo and Cross, *Classroom Assessment Strategies*, located in the IDC library.)

Over the next several years, our classes are bound to get larger. This year's Cross-Faculty Teaching Forum provided some useful ideas for facing those challenges and good reasons to believe that we can be successful in our efforts. Good luck to all of us.

Mark Weisberg is faculty associate at the Instructional Development Centre and a professor in the Faculty of Law.

UNIVERSITY ROUNDUP



Channelling research worldwide

Five universities in the United Kingdom have formed a partnership to broadcast their research on television screens across the world. Initiated by the University of Warwick, the pilot "Research TV" project, is a series of eight weekly magazine programs containing original research and addressing newsy themes such as immigration, crime and voting patterns in young people. With ambitions for capturing a global viewing audience and getting more media coverage of UK universities in the US, the programs will be distributed through Reuters news agency to 1,000 broadcasting companies worldwide. The first program, based on research at Oxford University, was to look at the impact of the war in Iraq on immigration.

The Times Higher Education Supplement (March 28)

Push ups to protect speech

"It is supremely important to keep an eye on the essential values of the university, and one of them is always the need to protect free speech. It's like doing callisthenics"

So comments Michael Marrus, historian and dean of graduate studies at the University of Toronto in the May issue of University Affairs in an article about some of the tensions that have arisen on university campuses with the events of 9/11, ongoing Israel and Palestine conflicts and the war on Iraq.

Customized MBAs for sport and profit

In the competitive world of university business education, schools are coming up with all kinds of inventive angles that can help them carve out a new niche. Emory University has a joint MBA/divinity degree for graduating ministers "who know what to do when the collection plate comes up empty" and at Arizona State, which offers a sports-MBA, "sports fans can schmooze with owners of professional teams while learning how to create loyal fans and sell team merchandise."

The Chronicle of Higher Education (April 25)

What are the perks?

Some American universities are using more than reputation, quality programs and scholarships to entice students to their campuses. Those planning to major in film at New York University are also being offered free theatre tickets and movie screenings. A recent *Wall Street Journal* article on the trend of special enticements includes an "incentives 101" sidebar outlining details of what's being offered at various universities. "Overall, this is portrayed (in the article) as a low cost way to increase value without resorting to increased financial aid," says Bob Johnson, Senior Vice President and Director of Strategy for Creative Communication of America.

From the Higher Education Marketing Newsletter (April 30)

Media policy sparks affiliation anxiety

Faculty and staff at McMaster University aren't sure what to make of newly passed Senate guidelines for how they should use their university affiliation in media encounters, especially when speaking to reporters on topics outside their area of expertise. Some have expressed a concern that their freedom of speech is on the line. But the university says the new guidelines were put in place for insurance reasons and they prevent employees from invoking McMaster's name only when commenting on topics outside their specialized area.

University Affairs (May)

Too much research sitting on shelf

There is too big a gap between what researchers produce and what policy-makers need, says a report by Britain's National Audit Office. "Research may be extremely wise and erudite but it is of no use at all if policy-makers do not know about it, do not understand it or need something else," said the chairman of the House of Commons Public Accounts Committee. The NAO report found that while the government had been successful in developing ways to encourage commercial knowledge-transfer, it wasn't doing so well when it came to encouraging non commercial knowledge transfer. This is the process through which research findings are used to improve service delivery and develop policy that benefits society.

The Times Higher Education Supplement (April 18)

Scientists to study global warming from retrofitted icebreaker

IMPACT OF MELTING ICE ON CANADIAN ARCTIC FOCUS OF \$42-MILLION INTERNATIONAL STUDY

By NANCY DORRANCE
News and Media Services

Two Queen's researchers will join colleagues from 15 Canadian universities and international partners in a collaborative effort to study the impact of melting ice in the western Arctic.

Announced last week by the Canada Foundation for Innovation (CFI), the new project employs a Canadian Coast-guard icebreaker featuring state-of-the-art research equipment. Environmental, social, and economic effects of global warming on Canada's northern region will be monitored.

John Smol, co-head of Queen's Paleocological Environmental Assessment and Research Laboratory (PEARL), will expand his current program

tracking long-term ecological changes related to recent climatic warming and other environmental changes in 40 lakes and ponds on Cape Herschel, east-central Ellesmere Island. As part of the new project, he also plans to set up an automated meteorological station.

"Long-term environmental data are lacking for almost all areas of the Arctic, and this (Ellesmere Island) is a particularly important reference region, as the high Arctic is especially sensitive to climate warming and other environmental effects," says Dr. Smol, Canada Research Chair in Environmental Change. "As well, when opportunities arise with other areas targeted by this project, we will sample additional sites, as part of our broader research mandate to describe how lakes and ponds of the Canadian Arctic are responding to recent environmental change."

Links between climate and hydrological variability, and landscape stability in the permafrost region of the eastern Canadian Arctic are the focus of

Scott Lamoureux's (Geography) icebreaker project. A research scientist at the university's Environmental Variability and Extremes (EVEX) Laboratory, he will analyze a network of lake sediment records from Hudson Bay and the Arctic Archipelago to determine the movement of sediment caused by changing river runoff and landscape stability.

"Communities and ecosystems in this area are particularly sensitive to predicted climate changes, but little is known of the long term variability of these systems," says Dr. Lamoureux. "Together with other researchers investigating ecological and biogeochemical variability, this integrated study will provide key information for understanding environmental change in this sensitive region."

CFI has provided \$27.7 million, and Fisheries and Oceans Canada \$3 million, to reactivate and retrofit the icebreaker. Funding of almost \$10 million for this multi-year, multi-university project – with its administrative centre at Université Laval – comes from the Natural Sciences and



WWW.INNOVATION.CA

This retrofitted icebreaker will be used to study the impact of melting ice in the western Arctic.

Engineering Research Council (NSERC). The vessel will sail in August and spend the winter in the Beaufort Sea.

"The CFI investment will enable Canadian researchers—working side by side with some of the best researchers in the world—to look at complex environmental, social, and economic issues that are the result of global warming," CFI President and CEO David Strangway says of the new project. "It will also provide a world-class facility to train young Canadians in areas that are critical for Canada as well as other nations in the world."

The Canada Foundation for

Innovation is an independent, not-for-profit corporation established by the Government of Canada in 1997 to strengthen the capacity for innovation in Canadian universities, colleges, research hospitals, and other non-profit institutions. NSERC is a key federal agency that supports both basic university research through discovery grants, and project research through partnerships among universities, governments and the private sector, as well as the advanced training of highly qualified people.

www.innovation.ca/media/index.cfm

"Best practices" reduce unneeded suffering, cost of treatment, nurse researcher finds

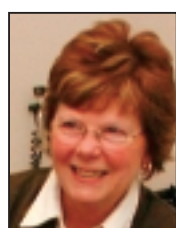
By NANCY DORRANCE
News and Media Services

Even though there's a recognized "gold standard" treatment for the lowly leg ulcer, this increasingly common affliction of our aging population continues to plague thousands of Canadians, and contribute to skyrocketing home-healthcare budgets.

Margaret Harrison (Nursing) selected the widespread but little-discussed condition to test a new system of community health care delivery. Her initial study, conducted in the Ottawa region, showed that healing rates more than doubled; nursing visits dropped by almost one-third; and individual supply costs decreased by more than half.

That study will now be expanded to produce evidence about which type of compression bandaging is best for people receiving care at home. The new, randomized controlled trial is funded by the Canadian Institutes of Health Research

(CIHR) and will run for three years in several Ontario regions including Kingston. To date, it is the largest Canadian wound care trial ever undertaken.



Harrison

"Leg ulcers are a chronic and debilitating condition for people, some of whom end up requiring home care for years," says Dr. Harrison. "Since we know from research what needs to be done to heal venous leg ulcers (which account for about two-thirds of cases), this seemed an ideal area for implementing an 'evidence-based protocol': a way of ensuring that current research gets put into practice."

With support from the Ottawa-Carleton Community Care Access Centre (CCAC) and Ontario Ministry of Health career scientist start-up funds, Dr. Harrison's nursing team

began by monitoring people receiving home care for venous leg ulcers. The first phase of their investigation found:

- only 40 per cent were receiving the most effective treatment (compression bandages)
- fewer than 50 per cent had received a full assessment prior to treatment
- 70 per cent were being treated with antibiotic ointments, although no infection had been documented
- an average of 19 different nurses visited with any one client, while 40 per cent of people received daily, or twice daily visits (compression bandages usually require once or twice weekly visits)

Introduced in the next phase of the study, the new management protocol involved standard assessment and follow-up by a team of nurses trained in leg ulcer assessment and man-

agement, who then worked closely with specialist physicians. A strategic alliance was formed between the research team, the health care providers, and the community decision-makers to implement this approach.

"The fact that it is actually less costly is an unexpected bonus."

Margaret Harrison

"It was 'back to the future' with nurses taking charge of their practice with community wound care, and having physician back-up for complicated or non-healing cases," says Dr. Harrison. "New technologies don't need to change that. Integrating the practice of nursing with the physicians who order this therapy just makes sense in terms of appropriate use of

nurses and medical specialists."

Dr. Harrison says she would have been happy just to learn that the new system was more effective and no more costly. "The fact that it is actually less costly is an unexpected bonus," she says. "This is a perfect instance of where more money is not needed, but we need to do things differently. In this case nurses with a new community service model were able to deliver more effective, less expensive care."

Other communities including Kingston, Kitchener-Waterloo and London, Ontario are now implementing the best practice protocol and will participate in the compression bandaging study.

Dr. Harrison reported on her findings earlier this year at a World Health Organization (WHO) meeting on integrated care, in Barcelona, Spain. An abstract of her research will appear in an upcoming edition of the *International Journal of Integrated Care*.

Social sciences and humanities researchers receive \$2.1 million

SIX OUT OF SIX

"NEW ECONOMY

INITIATIVES" ACCEPTED

Interracial and international adoption, religious diversity, teacher development in the arts, and quality of life in the new economy are among 28 Queen's research projects to benefit from 2002-03 Social Sciences and Humanities Research Council (SSHRC) funding.

Announced last week, the SSHRC awards will inject a total of \$73 million into 835 research proj-

ects at 60 Canadian universities.

Funding is directed through two programs. Standard Research Grants (SRG) support investigator-chosen projects by individual researchers and small teams. Initiative on the New Economy (INE) Research Grants, support projects that focus on aspects of the new economy, including management and entrepreneurship, education, and lifelong learning.

"Queen's social sciences and humanities researchers can be very proud of their SSHRC competition results," says Vice-Principal (Research) Kerry Rowe. For

"Queen's social sciences and humanities researchers can be very proud of their SSHRC competition results."

Kerry Rowe

the Initiatives for the New Economy Program, we had a 100 per cent success rate and our overall success rate of 55 per

cent exceeded the national average of 41 per cent. This is testament to the excellence of the research programs of these Queen's researchers."

In announcing the funding, Industry Minister Allan Rock said, "Whatever the issue – health, language, work, trade, ethics, biodiversity, terrorism – social science and humanities research is fundamental to our ability to understand the world around us, and to make informed decisions as individuals and as a society. (This) investment will ensure that we

continue to generate the ideas Canada needs to advance."

SSHRC is an independent federal government agency that funds university-based research and graduate training through national peer-review competitions. SSHRC also partners with public and private sector organizations to focus research and aid the development of better policies and practices in key areas of Canada's social, cultural and economic life.

For a complete list of awards, organized by theme and province, see: www.sshrc.ca

\$16-MILLION CANCER RESEARCH INSTITUTE NOW A REALITY



STEPHEN WILD

Lead donor Elizabeth Eisenhauer, director of Queen's Investigational New Drug Program at the National Cancer Institute of Canada (NCIC) Clinical Trials Group admires the Queen's Cancer Research Institute donor wall with Ontario Innovation Trust board member Calvin Stiller and Principal Bill Leggett at the recent official opening of the \$16-million facility. Dr. Eisenhauer's lead gift in 2001 launched the campaign for a new building to bring together under one roof more than 200 researchers from the Clinical Trials Group, the Queen's Cancer Research Laboratories, and the Radiation Oncology Research Unit. The provincial government's innovation trust directed \$4.73 million to the project.

IN BRIEF

Alarming findings from smoke detector study

Forty per cent of Grade 6 children failed to wake up when a home smoke alarm sounded and their bedroom doors were closed, reports a Queen's psychologist who recently completed a study with the Loyalist Township Emergency Services (LTES). When bedroom doors were open, 25 per cent of the children surveyed still did not awaken, the study found.

Alistair MacLean, whose research focuses on the understanding of sleep, teamed up with Derrick Ethridge of the LTES, and psychology graduate students Kris Thiele and David Davies, to test smoke alarm effectiveness while children are sleeping. In the study, parents of Grade 6 students activated their smoke alarms on two separate nights, after ensuring their children were asleep.

The findings are very disturbing, says Dr. Maclean. "Even when they did respond, between 33 and 43 per cent of children took more than a minute to do so," he notes.

The study also determined that, while almost all the alarms met the Underwriters Laboratories of Canada criterion of audibility 10 feet from the alarm, none met it when the bedroom door was closed.

Queen's cancer research funding twice the national average

Ten Queen's researchers received a total of \$4.3 million in funding for cancer research in 2002, reports Vice-Principal (Research) Kerry Rowe. Projects ranging from the investigation of cancer drug resistance and the value of quality-of-life information to cancer patients, to the role of garlic in inhibiting the formation of lung tumours are being supported by grants from the National Cancer Institute of Canada (NCIC).

"It is obvious from the NCIC results that Queen's cancer researchers are among the very best in the country," says Dr. Rowe. "With a success rate of 50 per cent – twice the national average – our researchers have demonstrated their excellence in this important area. We are proud of the important contributions they are making in the fight against this devastating disease."

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

Queen's researchers win 12 new PREAs

Twelve Queen's researchers – in areas ranging from drug discovery, safety in gas pipelines, and cartilage implants to next-generation wireless mobile networks, and new ways of predicting drought conditions – are recipients of prestigious 2003 Premier's Research Excellence Awards (PREAs).

PREA winners receive up to \$100,000 from the Ontario government and \$50,000 from their university, to further their research. To date, 509 Ontario researchers have received \$76.2 million in PREA funding.

The awards were presented recently at a reception recognizing 76 provincially-funded Queen's research projects, involving more than 120 researchers.

"I am delighted with this recognition of the exceptional potential of these gifted researchers," says Vice-Principal (Research) Kerry Rowe. "The funding will allow recipients to expand their research programs and increase training opportunities for the highly qualified personnel on their research teams.

The awards were presented recently at a reception recognizing 76 provincially-funded Queen's research projects, involving more than 120 researchers. The event honoured 24 PREA recipients (12 new, and 12 previously announced); 26 New Opportunities Awards, seven Innovation

Fund Awards, 14 Ontario Distinguished Researcher Awards and one Ontario Research and Development Challenge Fund Award.

The new PREA recipients are: **Brian Amsden** (Chemical Engineering): Injuries to the shock-absorbing tissue lining the body's joints can ultimately lead to disability, joint pain, and reduced joint function. Dr. Amsden is developing a novel biomaterial implant that will bond strongly to bone and promote the growth of new cartilage, for use in the repair of damaged joints.

Richard Ascough (Religious Studies, Theological College) examines the social and cultural factors that enabled voluntary Jewish and Christian associations to flourish and endure in the Greco-Roman world. This work illuminates the dynamics of religious interaction and community development in antiquity, and addresses the roots of religious dialogue and toleration.

Adam Chippendale (Biology): Developmental conflict is caused by genes that have opposite effects on fitness in the two sexes. Employing the fruit fly as a model genomic system, Dr. Chippendale examines the role of developmental conflict in fertility and survival (longevity), contributing to our understanding of a number of pathologies in mammal systems.

Lynann Clapham (Physics): In recent years, catastrophic pipeline failures have cost numerous lives and caused serious environmental problems. Although pipelines are routinely inspected for corrosion and pitting, there is currently no effective detection method for

mechanical damage. Dr. Clapham focuses on the use of magnetic-based tools to detect this type of damage in oil and gas pipelines.

Cathleen Crudden (Chemistry): Increasingly used in pharmaceuticals, chiral compounds have right- and left-handed forms (*enantiomers*) that are virtually indistinguishable, but often have significantly different physiological properties. Dr. Crudden examines chiral metal compounds with the goal of synthesizing only one enantiomer, increasing the efficiency of pharmaceutical production.

Brian Cumming (Biology): Based on the analysis of sediment cores collected from climate-sensitive lakes in northwestern Ontario, Dr. Cumming is working to provide a long-term perspective on changes in climatic conditions (droughts and floods) in the region. This information can be used to plan for extremes in hydrologic conditions.

Tamas Linder (Mathematics and Statistics) develops new and improved methods for the analysis and design of state-of-the-art data compression algorithms. Data compression enables faster data transmission and the development of new communications technologies, such as wireless hand-held devices, while optimizing communication channel bandwidth and data storage resources.

Richard Oleschuk (Chemistry) is working on the development of affordable micro-fluidic devices for the analysis of proteins and peptides. "Lab-on-a-chip" technologies will eventually provide rapid clinical diagnosis at the bedside for a variety of diseases, and will play a

vital role in future drug discovery.

Stephen Scott (Anatomy and Cell Biology): Using a unique robotic device (KIN-ARM) to study reaching movements, Dr. Scott works to identify how different brain regions affect motor coordination and learning. His research contributes to the development of new quantitative tools to diagnose and assess motor function and dysfunction.

Graeme Smith (Obstetrics and Gynecology) is working to improve our understanding of how *in utero* infection relates to pre-term birth and fetal brain injury, such as cerebral palsy. These results will enable the development of treatments to reduce the severity and degree of fetal brain injury, and to improve the neuro-developmental outcomes of affected newborns.

Roel Versteeg (Computing): Utilizing small cameras that detect where users are looking, Dr. Versteeg develops computers that are sensitive to human attention. This research enables the development of more efficient technologies, such as computers that can determine when to interrupt users with messages, as well as automated group video conferencing systems.

Chi-Hsiang Yeh (Electrical and Computer Engineering): Working on the development of communications protocols with quality-of-service (QoS) supports for various network environments, including the next-generation Internet, wireless mobile networks and optical networks, Dr. Yeh is contributing to the evolution of cost-effective real-time applications. www.ontariocanada.com/ontcan/en/news.jsp

NEWS and MEDIA SERVICES

To inform News and Media Services of your latest research findings or upcoming journal publications, call News and Media Services Coordinator Nancy Marrello, ext. 74040, or News and Media Services Writer Nancy Dorrance, ext. 32869.

A giant billboard for solar power

By KAY LANGMUIR

Four stories of photovoltaic panels being installed on the face of Goodwin Hall will bring some relief to those who endure the building's seasonal temperature extremes – but the project is really designed to bend minds.

With close to 2,000 people dying prematurely every year in Ontario alone due to air pollution, there is hopeful promise in this project that has attracted considerable support.

Natural Resources Canada picked up half of the university's \$550,000 bill for the project. Ontario Power Generation also jumped at the opportunity to get involved and help promote renewable energy.

But the potential payoff will not be measured in energy savings.

"We didn't even do those calculations because they just didn't make sense," says Derek Cooper, Faculty of Applied Science project manager. "If we were to do this on a strictly business basis we would never do it. It's strictly an educational tool. The prime motivation is exposing engineering students to this technology so that they will take it out into industry and apply it."

Sensors in the array, composed of 264 dark-blue polycrystalline silicon panels, will track its performance under varying conditions. The information will be posted on line and made available to students around the world, Mr. Cooper says.

Mounting the array on the side of the building, instead of the roof, fit with the project's goal of being a highly visible demonstration of the technology – in effect a giant billboard for solar power.

A choice of roof or wall location doesn't impact the array's performance, says Anton Driesse, who works with the Integrated Learning Centre's data collections systems. It's the angle of the panels and the degree of sun exposure that determine efficiency.

Locating the array on the south side of Goodwin Hall also allows the tilted panels to double as sun shades in a building known to cook in the sun.



CELIA RUSSELL

The photovoltaic panels being installed on Goodwin Hall's south side will help moderate temperatures in the building – and also serve as an educational tool for students around the world. At left, construction on Beamish-Munro Hall (Integrated Learning Centre) continues, with the opening planned for January, 2004.

The "facade mounting" is also more suggestive of integrating solar-panel arrays into the actual construction of a building, "and we're hoping to promote that," says Mr. Cooper. "We're seeing this kind of application in Europe but very little of it in North America."

As the prices of panels slowly drop, they're increasingly

being installed on roofs and building faces, replacing materials such as shingles and architectural glass. Despite their art glass appearance, the panels are tougher than they look. They're expected to last 30 years and can withstand hail, says Mr. Driesse.

Solar power is making gradual but steady inroads. Current-

ly, its benefits are most evident in powering remote locations such as cottages, outposts, and radio repeater stations. The latter, for example, have increasingly been converted to solar to avoid the expense of periodical helicopter deliveries of fresh batteries, he says.

Even highway signs, the mobile units that flash warning

arrows to direct traffic around construction and road hazards, have almost entirely converted from motor and batteries to solar power within the last five years, Mr. Driesse adds.

Additional technical information on the array is available on the Integrated Learning Centre website.

ilc.queensu.ca

Remembering Gloria D'Ambrosio-Griffith: a dynamic, devoted teacher

Gloria D'Ambrosio-Griffith, assistant (adjunct) professor of Spanish and Italian, died on March 28, 2003, following an eight-year battle with cancer.

Dr. D'Ambrosio-Griffith was born in Toronto in 1954. She received a *Maîtrise ès Lettres* in *Lettres Modernes* from the Université de Toulouse in 1978 and a PhD in French Language and Literature from the University of Toronto in 1986 with a thesis on Lautréamont (Isidore Ducasse) entitled, *Text, Intertext, Vortex(t): Les Chants de Maldoror and Intertextuality*.

She worked as an assistant professor of French (with Italian) at Colorado College, in Colorado Springs, Colorado, and Western Washington University in Bellingham Washington, before coming to Queen's in 1988. Dr. D'Ambrosio-Griffith was the longest-serving Italianist in the Queen's Department of Spanish and Italian, though in her early years here she often taught also in the Department of French Studies, and even did a brief stint as a teaching assistant for the Institute of Women's Studies.

A dynamic and devoted teacher, she won the Alma



COURTESY OF DREW GRIFFITH

Gloria D'Ambrosio-Griffith at Epidaurus, Greece, July 10, 2002.

Mater Society's Frank Knox Award for Excellence in Teaching in 1995. She worked tirelessly to promote the beauty and wealth of the Italian language, its literature, and its culture. Several generations of students owe their knowledge and love of Italian to her seemingly boundless energy and constant encouragement.

Her loss constitutes a major blow to the Italian program at

Queen's that counted heavily on her exceptional talent as a teacher, her insights as a researcher and her selfless dedication as a colleague. Her sharp wit and endless good humour were also one of the mainstays of this department's esprit de corps.

Dr. D'Ambrosio-Griffith's scholarly work in the mid-1980s, which applied chaos theory and fractal geometry to the analysis of literary texts, proved prescient but too avant-garde to find ready venues for publication. By the time critical fashion changed a decade later, and critical theorists had become more receptive to her approach, she was already in the grips of the illness that would take her life. As a result, the bulk of her scholarly work sadly remains unpublished.

Dr. D'Ambrosio-Griffith spent much of the last years of her life practicing and teaching Tai Chi with the Taoist Tai Chi Society. She is survived by her husband, Drew Griffith, a professor of Classics at Queen's and their sons Matthew, 13 and Graham, 11.

Prepared by Daniel Chamberlain, head of the Department of Spanish and Italian.

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Students' teabag concept infuses Belle Park cleanup

By KAY LANGMUIR

A project idea floated by three geological engineering students four years ago has proved it has staying power.

It now literally floats in the Rideau River as part of a unique constructed wetland the city hopes will help cleanse polluted runoff from an old dump.

The student team had ingeniously thought up "a doughnut teabag futon thing" filled with activated carbon and cocoa fibre strategically placed to filter pollutants from runoff before it entered the river, says Vicki Remenda, associate professor of Geological Sciences and Geological Engineering and the team's faculty advisor.

"It was an idea that got a lot of attention... I even tried to encourage them to start a small business but I think they found that prospect too daunting at the time," she says.

Steven Rose, an adjunct professor in the department, forged the next links in the creative chain when he evolved the teabag concept into a growing substrate for a constructed wetland.

His company, Malroz Engineering, has just completed the 2500-square-metre wetland for the city of Kingston in an attempt to mitigate leachate from the adjacent Belle Park dump, located on a small peninsula in the Rideau River. It closed 20 years ago, but continues to leak pollutants including iron and ammonia, into the river.

"It imitates what a wetland might naturally be composed of, such as peat, straw and organic-rich materials, mixed with seeds of natural wetland plants and placed in burlap mattresses which are placed along the shoreline," says Professor Rose.

The mattresses effectively reduce the water depth and provide a custom base for the wetland, a groundbreaking technique believed to be the first of its kind.

"There's a similarity between our work and what the students hit on years before," he says. The mattress-teabag concept "was a good method for us to use to get those materials in place."

The particular challenge the students had taken on in 1999 was how to clean up the coal tar, which had seeped deep into the Kingston's bedrock. The tar,

which is somewhat similar to black driveway sealant, is the byproduct of more than a century of coal-fired power in the city.

Contaminated groundwater eventually finds its way to the water's edge usually via gravel trenches dug for storm sewers, and the idea was to place the "teabags" at the mouth of the trenches to trap contaminants and filter the water before it flowed into the river, says Dr. Remenda.

The three former students on the project were Marie Wardman, Susan Pfister and Allison Wolfe.

"I'm really excited and enthusiastic that someone is carrying on the idea," says Ms. Pfister via email, who is working in research and development while completing her Masters in ocean engineering in Newfoundland.

The mattresses effectively reduce the water depth and provide a custom base for the wetland, a groundbreaking technique believed to be the first of its kind.

"We were quite pleased with how it turned out, when it actually appeared it might work. But all going separate ways after graduation made further pursuit of the idea by us impractical."

Ms. Wardman, who works for an environmental engineering company, remembers the group mulling things over and musing "Wouldn't it be nice to stick a big blanket along the shoreline?...the teabag became a mini version of the blanket idea."

The city needs low cost ways of managing polluted sites, says Professor Rose, whose company has been helping Kingston cope with Belle Park for the past six years.

Pumping wells within the dump currently divert groundwater to the municipal sewer system at considerable cost. The natural pumping and cleansing action of vegetation was a promising idea the city was willing to try, he says.

RESIDENCES LAUNCHES NEW WEB LOOK



Queen's Residences launched its new, updated website on May 1. Incoming students, current residents, parents, faculty and staff should find all the information that they need to know about life in residence by going to: <https://housing.queensu.ca/residence/>. The site proved popular immediately, recording more than 1,000 hits in the first four hours after its launch.

IN BRIEF

Shakespeare's night sky

On May 7, comet discoverer David Levy will speak on Shakespeare's King Lear and the Eclipse's of 1605: A Cosmic Unit of Science and Art, at Stirling Hall Theatre D, 7:30 pm. All are welcome. Mr. Levy has discovered more than 21 comets, including the great comet of Shoemaker-Levy9. He would like to extend a special invitation to English Department members to attend his presentation.

A public observing event takes place at dusk on May 6 at Murney Tower on King Street at dusk, weather permitting. Telescopes are provided.

For more information, please contact Kim Hay at kimhay@kingston.net or call 377-6029. members.kingston.net/rasc/ www.jarnac.org

Three cheers for mobility

Celebrate your mobility and raise money for a good cause Sunday May 25 at the Hip Hip Hooray walk.

The one-kilometre walk shows how people have regained their mobility through

orthopaedic care, and research conducted at the Human Mobility Research Centre, which is a partnership between Queen's and Kingston General Hospital.

Those who have received orthopaedic care are encouraged to take part.

Money raised by the walk is used for orthopaedic research, patient care and clinical education so that people can stay as active as possible.

Registration starts at 11 am on walk day at Macdonald Park, in front of the gazebo. The walk begins at 1 pm.

Pledge sheets are available by calling Leah at the Human Mobility Research Centre, 548-2430.

Feminist book club meets

Share the joys and mysteries of books. Students, staff, faculty and community members are invited to the Ban Righ Centre for the continuing noon-hour group at 32 Queen's Cres. If you would like to read the books from the list below, they are easily accessible at bookstores and libraries. If you have not read the book but would like to join in anyway...feel free. Home-made soup is provided for a small donation. Allison Quattrocchi will lead the discussion group. *Enemy Women* by

Paulette Jiles is the featured book on June 24. The group will discuss *Cave Dweller* by Dorothy Alison on July 22 and *Mermaids Singing* by Lisa Carey will be discussed on Aug. 19.

Talk to Her a visual delight



Cinema Kingston presents the Spanish film *Talk to Her* on Sunday, May 18 at 7:30 pm in Etherington Hall Auditorium, 94 Stuart St.

Featured at both the 2002 Cannes and Toronto film festivals, acclaimed filmmaker Pedro Almodóvar (*All About My Mother*) brings his dazzling talents to a new feature film that again digs deeply into the human condition. Tickets are \$8 at the door. www.film.queensu.ca/cinemakington

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Putting applied science on girls' radar screens as a rewarding career choice

NEW HANDS-ON PROGRAM AIMS TO GET MORE YOUNG WOMEN TO STUDY ENGINEERING AT UNIVERSITY

By CELIA RUSSELL

Two professors have created an innovative, hands-on program geared to get more high school girls to consider engineering as a career.

"Engineering has always been on boys' radar screens, since they were young," says Anne Topper, an adjunct lecturer in the Physics department. "Girls need the confidence to consider that it's a possibility for them."

As recipients of a McConnell Curriculum Development Award for 2002-03, she and Lynann Clapham, an assistant professor in physics, developed Engenuity, an innovative outreach program for high school girls to address a declining enrolment of women in engineering programs.

At Queen's, for example, the percentage of women entering first-year engineering has decreased to 20.1 in 2002 from 26.8 in 1992.

The one-week program is open to high school girls entering Grades 11 or 12. It takes place June 23 through 27 and costs \$50 (the program is subsidized by the Dean's Office, Queen's Faculty of Applied Science).

One of the reasons that girls don't consider engineering is that they lack mentors, Professors Clapham and Topper say.

Those who do go into engineering at university likely had a family member or close family friend who works in the field of applied science, says Professor Topper, whose father was an engineer.

Another reason they shy away from the practical side of engineering is that they are afraid to take things apart.

"They get intimidated by words like 'hydraulics,'" says Professor Clapham. "We want to show girls that they can take apart a disposable camera to see how it works - and that they won't get into trouble if it breaks in the process."

"We want to build up girls' technological and learning competence up to a level where they feel they can tackle any career they want," she says.

"A lot of building confidence is just believing that you can do it," says Professor Topper.

During the week, participants will learn about engineering and develop basic electrical and mechanical skills that they can creatively apply to a design project at the end of the program. Along with dissecting a disposable camera, they will also get to take apart a printer and build an LED flashlight. Engenuity focuses primarily on electrical and mechanical projects because both of these disciplines have low enrolment of female students and because most students have not had the opportunity to learn and practice these skills in high school.

And by staffing the program with female applied science students and inviting female engineers as guest speakers, participants will also get to meet a variety of female engineering role models.



Mechanical engineering student Judith Seary and engineering physics student Linda Smith build a circuit, one of the practical projects they helped develop for the Engenuity curriculum.

CELIA RUSSELL

Applied science students Judith Seary and Linda Smith were responsible for developing and testing the program's activities and determining the camp logistics. In doing so, they also gained more confidence in their own hands-on skills, says Professor Clapham.

"We want to build up girls' technological and learning competence up to a level where they feel they can tackle any career they want."

Lynann Clapham

She and Professor Topper hope to ultimately offer the program to incoming engineering students, to help improve their hands-on confidence in lab work.

Although there are a number of existing outreach programs and camps on campus, Engenuity has its niche, its creators say. The program is different because it actively promotes women in engineering and technology and uses a progressive hands-on approach to teach skills and design techniques.

For details and registration, email topper@post.queensu.ca or call 533-2689. A printable form is available on-line at appsci.queensu.ca/women/engenuity.

Locally (courtesy of the Faculty of Applied Science)
First year female undergraduate enrolment in Queen's Applied Science: 1992 to 2002

Year	Total Enrolment	Women	% of Total
1992	541	145	26.8%
1993	511	140	27.4%
1994	509	148	29.1%
1995	439	109	24.8%
1996	482	130	27.0%
1997	495	127	25.7%
1998	615	170	27.6%
1999	590	174	29.5%
2000	592	133	22.5%
2001	567	117	20.6%
2002	693	139	20.1%

Locally (courtesy of the Faculty of Applied Science)
Total female undergraduate enrolment in Queen's Applied Science: 1992 to 2002

Year	Total Enrolment	Women	% of Total
1992	1898	444	23.4%
1993	1888	481	25.5%
1994	1915	521	27.2%
1995	1849	502	27.1%
1996	1847	490	26.5%
1997	1883	498	26.4%
1998	2060	527	25.6%
1999	2201	591	26.9%
2000	2298	572	25.0%
2001	2362	573	24.2%
2002	2482	566	22.8%

Nationally (courtesy of the CCPE - Canadian Council of Professional Engineers)

Total full-time female undergraduate enrolment in accredited engineering programs in Canada: 1975 to 2001

Year	Total Enrolment	Women	% of Total
1975	23594	849	3.6%
1980	30080	2388	7.9%
1985	33835	3660	10.8%
1990	35872	5013	14.0%
1991	40088	6276	15.7%
1992	41847	6923	16.5%
1993	42760	7597	17.8%
1994	41837	7652	18.3%
1995	40928	7718	18.9%
1996	41746	7909	19.0%
1997	43044	8267	19.2%
1998	45264	8823	19.5%
1999	46330	9511	20.5%
2000	48657	9877	20.3%
2001	51028	10508	20.6%

IN BRIEF

Siemens honoured at Laverty dinner

The Kingston Branch of the Queen's University Alumni Association honours Fred Siemensen, Sc'54, with the 2003 Padre Laverty Award and Colonel A. Britton Smith will receive the 2003 Jim Bennett Achievement Award. The presentations take place at the annual Padre Laverty Award Dinner on May 14 at Ban Righ Hall. Tickets are \$45 per person and available from Glenda Fralick in the Department of Alumni Affairs, at 533-2248 or email laverty_dinner@tricolour.queensu.ca.

Credit card payments can be made over the phone (Visa and MasterCard) or by mailing a cheque made payable to Kingston Branch - Queen's Alumni Association.

Mail to: Padre Laverty Award Dinner, c/o Regional Programs Unit, Summerhill, Queen's University, Kingston, ON K7L 3N6. RSVP by Friday, May 9.

The Kingston Branch of the Queen's Alumni Association holds its annual general meeting this Thursday, May 8 from 5:30 to 7 pm in the Summerhill Parlour.

Come out and here what's planned for the next few months, and add your own suggestions. Light refreshments will be served. RSVP by Monday May 5 to Bittu George at 634-6641. alumni.queensu.ca

SENATE IN BRIEF

All space is university space

"All space is university space" is the principle behind several recommendations in the final report of the Advisory Committee on Space Management, referred to the Senate Committee on Academic Development and the Senate Budget Review Committee for review. Enrolment growth, the double cohort, hiring of new faculty and increased research activity prompted the university to reexamine its space management policies. The report will have some impact on the way the university currently uses its space, said Principal Leggett. For the full report, see www.queensu.ca/secretariat/senate/ACSMapr03.pdf

Faculty urged to get involved

Senate is a very important vehicle in the life of the university and needs strong committee participation, particularly by faculty, Principal Bill Leggett said. He referred to a *Gazette* article (*Faculty seats lie vacant on Senate committees, April 21, page 1*), reporting that about half the 2003-04 faculty positions were currently vacant. He said he has spoken with deans and vice-principals and urged Senators to communicate to their colleagues the importance of participating in university government.

More Senate news

SSHRC success: Queen's made an impressive showing in recent NSERC and SSHRC competitions, Vice-Principal (Research) Kerry Rowe reported. The Department of French Studies boasts a 100 per cent success rate, with four out of four researchers being awarded grants.

Senate approved: a change in degree designation in the School of Graduate Studies and Research (SGSR) for course work Master

degree: Master of Science (Engineering) (MSc Eng) to Master of Engineering (MEng); a program introduction in SGSR: Collaborative Graduate Program in Protein Function Discovery; four new degree program combinations in the Faculty of Arts and Science – BAH Major-Minor; BAH Major-General; BSCH Major-Minor; BSCH Major-General; election of the following to Senate committees: Samil Chagpar (student), James Miller, Malcolm Stott (faculty) to Academic Development; Michael Kawaja (faculty) to Advisory Research; Lauren Dunn (student) to Agenda; Ewen MacKinnon, Varqa Mirzaagha (students), Mark Weisberg (faculty) to Alumni Teaching Award; Chris Zabaneh (student) to Ban Right Board; Chad Leddy (student), Diane Beauchemin, Andrejs Skaburskis (faculty) to Budget Review; David Gordon (faculty) to Campus Planning and Development; Boris Castel, Stephen Elliott (faculty), Leah Knight (student) to Creative Arts & Public Lectures; Richard Chaykowski, Lisa McNee (faculty) to Educational Equity; Mark Staveley (staff) to Information Technology; Andrzej Antoszkiewicz (student) to Internal Academic Review; Lindsay Higgs (student) to International Centre; Michael Hamata, Inderpreet Singh, Mohamed Youssef (students) to JDUC Council; Jo Brett (staff), Troy Day, John Osborne (faculty), Kathleen Goslin, Geoffrey Nelson (students) to Library; Krysia Spirydowicz (faculty) to Nominating; Sally Kwon (student), Patrick Oosthuizen (faculty) to Non-Academic Discipline; Vasuda Sinha (student), Ainslie Thomson (staff) to Operations Review; Andrew Mould, Tony Young (students) to Orientation Activities Review Board; Peter Block (student) to QUESSE; Carlos Saavedra (faculty) to Queen's Radio Policy Board; Cheryl Des Roches, Katherine Ram (students), Ellen Hawman (staff) to Scholarships & Student Aid; Sam Shortt (faculty) to SEAMO; Oscar Boloko, Jennifer Held (students), Michael O'Connor (faculty) to University Council on Athletics; Vernon Quinsey, Peter Richardson (faculty) to University Promotions.

Queen's groups join to restore Inuit sculpture

By MEGAN EASTON

A priceless Inuit sculpture that has languished in the main entrance of Mackintosh-Corry Hall for 30 years will soon get a new lease on life, thanks to a collaborative restoration effort led by Christine Overall, Associate Dean of Arts and Science.

The sculpture has gone virtually uncared for since the university bought it in 1973, says Dr. Overall, who is also co-chair of Queen's Aboriginal Council. When an Aboriginal consultant working at Queen's a few years ago mentioned the sorry state of the sculpture, she realized the artistic and symbolic importance of restoring the piece and set to work.

"The consultant suggested, very tactfully but I think clearly, that the sculpture's neglect might in fact represent certain kinds of attitudes of institutions like Queen's towards Aboriginal issues. That comment haunted me," she says.

With funding from the Principal and Vice-Principal (Academic), expertise from the Art Conservation Program and overall guidance from Dr. Overall and the Aboriginal Council, the piece will be cleaned, restored and displayed in a more appropriate venue.

Since the sculpture is unlabelled, it was a challenge to determine its origins, says Dr. Overall. "It started to feel like detective work," she says. Eventually Dorothy Farr, associate director and curator at the Agnes Etherington Art Centre, discovered the sculpture's official records.

The artist, Daniel Nookiguak, carved the 600-pound sculpture out of a whale's cheek bone in 1971. When Queen's acquired the piece it was thought to be the largest Inuit sculpture to come out of Canada's north, says Dr. Overall, so it received a fair amount of attention from the university community at the time.

Over the years, however, it has seriously deteriorated because of poor maintenance. The sculpture's proximity to an exit made it susceptible to wide temperature fluctuations and significant vibrations, and the plexiglass case didn't offer enough support for its wide, heavy shape. A conservation report on the piece prepared in the 1980s was essentially ignored, says Dr. Overall.

The restoration of the sculpture has symbolic significance as much as artistic, she says. Although it is a relatively small project, it is meant to send a message to the Queen's commu-

nity that Aboriginal culture is valued and respected on campus, and worthy of being preserved for the future.

Second-year students in the Master's of Art Conservation Program assessed the sculpture's condition in the fall and prepared a comprehensive proposal outlining necessary treatments and repairs. The actual conservation process will be the responsibility of students entering their second year in September.

The students have also prepared a series of questions about the sculpture for the artist, who doesn't speak English and lives in a remote village on the east coast of Baffin Island, says Krysia Spirydowicz, director of the master's program. They are currently looking for someone to translate the interview into Inuktitut. His responses will be integral to the information plaque on the new display case, she says.

Stauffer Library has been put forward as an ideal space for the restored sculpture, though it hasn't been confirmed. "The principal (Bill Leggett) expressed his wish, which I completely support, that it be put in a place where it can be protected but people can still enjoy it," says Dr. Overall.

Queen's Centre proposal on upcoming board agenda

The Board of Trustees will be asked to approve the concept of the new Queen's Centre at its next business meeting on Saturday, May 10.

The centre, which is expected to be built in phases over the course of 10 years and cost about \$175 million, would double the existing space of the John Deutsch University Centre

and the Physical Education Centre.

Also on the agenda for action is the 2003-04 university operating budget.

Trustees will also be asked to approve the budget for renovations to Gordon Hall and Gordon Hall annex; the revised budget for Campus Bookstore renovations; the approval of

planning funds for Richardson Hall proposed renovations and the approval of budget and approval to award a contract for work on the electrical substation.

Residence fees for 2004-05, student activity fees for 2003-04, Nurse Practitioner fees 2003-04 are also up for approval.



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Faculty Appointments

The following is a new full-time faculty member in the Faculty of Applied Science:

Luke Bisby, Civil Engineering

Robert Dalrymple appointed head, Geological Sciences and Geological Engineering

Principal William Leggett announces that Robert Dalrymple has been appointed head of Geological Sciences and Geological Engineering for a five-year term commencing July 1, 2003. Dr. Dalrymple holds a BSc from the University of Western Ontario and a PhD from McMaster University. He did post-doctoral work at Oxford and taught at Brock University before coming to Queen's in 1980. During the fall of 2002, he was a visiting scientist at the Museum of National History in Paris. Dr. Dalrymple's research focuses on the sedimentary record of coastal and shelf environments, with special reference to modern and ancient tidal systems. He has worked in such areas as the Bay of Fundy, Sable Island, the Grand Banks, the Fly River delta in Papua New Guinea, the west coast of South Korea, and southeastern France. In addition, he is working with colleagues in his department to deduce the paleoecology of the oldest metazoans, and was involved in the discovery and interpretation of the oldest terrestrial trackways, which occur in aeolian sandstone near Kingston. His research is funded by NSERC and various petroleum companies. In total, he has authored or coauthored more than 50 papers in refereed journals or books, and edited one of the best selling books published by SEPM (Society for Sedimentary Geology), the largest scientific organization in his field. His work has appeared in many recent textbooks. He has served as the editor of special publications for SEPM for four years and has received the Volunteer Award from both the Canadian Society of Petroleum Geologists and the Geological Association of Canada.

Dr. Dalrymple has served on several committees at Queen's, most recently as a member of Senate, the Senate Library Committee, and both the Nominating and Curriculum committees of the Faculty of Arts and Science. He also assisted with the organization of the Symposium on the

Future of Scholarly Publishing last year. He was coordinator of the Environmental Science program prior to the formation of the School of Environmental Studies, and served as acting head of Geological Sciences and Geological Engineering from July 1 to Dec. 31, 1999. In making this announcement, Principal Leggett expresses his appreciation for the dedicated leadership provided by Herwart Helmstaedt during his eight years of service as Head of Geological Sciences and Geological Engineering.

Gordon Smith appointed director, School of Music

Principal William Leggett announces that Gordon Smith has been appointed director of the School of Music for a five-year term beginning July 1, 2003. Dr. Smith received his BA, MA and PhD in musicology from the University of Toronto. He also holds the ARCT diploma in piano performance. He taught at the University of Toronto, Laval University and the University College of Cape Breton before coming to Queen's in 1988. Dr. Smith's research focuses on traditional and First Nations people's music in Canada. A number of his publications are based on fieldwork in Quebec and Nova Scotia. He is currently the editor of the *Canadian Journal for Traditional Music*, is co-editor of the recent book *Istvan Anhalt: Pathways and Memory* (McGill-Queens University Press, 2002) and was 20th-century Canadian content advisor for the 7th edition of the *New Grove Dictionary of Music and Musicians* (Macmillan). Dr. Smith has served on numerous committees at Queen's, including terms on the Arts and Science Board of Studies and as chair of the Fund for the Support of Artistic Production. He served as acting director of the School of Music from July 1, 2000 to June 30, 2001. Since July 1, 2002 he has been an acting associate dean in Arts and Science. In making this announcement, Principal Leggett expresses his appreciation for the outstanding leadership provided by Dr. Ireneus Zuk during his five years of service as director of the School of Music.

Staff Appointments

Development Officer,
Department of Development
(Annual Giving), 2002-130
Lisa Green

Systems Specialist, School of Computing, 2002-138

Ben Hall

Manager of Information and Communication Technology, Faculty of Education, 2002-144
Chuck Labrie

Departmental Assistant,
Department of Philosophy,
2003-18

Judy Vanhooser

Seminar Administrator,
Industrial Relations Centre,
2003-19

Susanne Cliff-Jungling

Millwright, Physical Plant Services, 2003-21

Robin Wilde

Technical Communications Associate, Information Technology Services, 2003-24
Michelle Cortes

Staff Vacancies

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

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

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

Closing date for the following positions is **Tuesday, May 13, 2003 at 4:30 pm**. Late applications will not be accepted. Please submit a letter of application indicating the specific position desired and a detailed resume including your employee number.

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

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

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

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

Senior Secretary Industrial Relations Centre 2003-50

Minimum Hiring Salary: \$29,338 (Salary Grade 4 - ADMG4)

Terms: One-year term

Regional Programs Coordinator Alumni Affairs 2003-51

Minimum Hiring Salary: \$39,548 (Salary Grade 7 - CCR7)

Terms: Full-time continuing

Health Service Nurse Health Counselling and Disability Services 2003-52

Minimum Hiring Salary: \$39,548 (Salary Grade 7 - HSS7)

Terms: Continuing Term (September 1 to June 30 each year)

Psychologist Health, Counselling and Disability Services (Regional Assessment and Resource Centre) 2003-53

Minimum Hiring Salary: \$47,679 (Salary Grade 9 - HSS9)

Terms: One-year term

Learning Disabilities Specialist Health, Counselling and Disability Services (Regional Assessment and Resource Centre) 2003-54

Minimum Hiring Salary: \$47,679 (Salary Grade 9 - HSS9)

Terms: Term (June 1, 2003 until April 30, 2004)

Fourth Class Stationary Engineer (2 positions) Physical Plant Services 2003-55, 2003-56

Hourly rate: \$19.96 (CUPE Local 229)

Terms: Continuing (37.5 hours per week)

Major Responsibilities: work under the direction of a Second Class Engineer; perform maintenance on plant facilities, equipment and the steam distribution system; relieve the Fireperson when necessary; operate plant

equipment; perform water tests; housekeeping duties; work in confined spaces.

Requirements: certification as a Fourth Class Stationary Engineer in the Province of Ontario; secondary school diploma or equivalent; valid Ontario driver's licence; must be capable of working in confined spaces; interest in progressing in the field of stationary engineering; must be willing to work overtime, respond to call-ins and accept shift changes when required.

Committees

Headship Review, Oncology

Anne Smith's first term as head of Oncology will end on Dec. 31, 2003. Dr. Smith is eligible and willing to be considered for reappointment. The procedure to be followed in reviewing the headship is the Modified Reappointment Process for Heads of Clinical Departments in the Faculty of Health Sciences that was approved by Senate on Sept. 28, 1995 and last revised in July 2001. In accordance with this document, a group has been formed to review opinions received on the support for the reappointment of Dr. Smith as well as the present state and future prospects of the department. The composition of the group is: John Fisher, Health Sciences; Alan Hudson, Cancer Care Ontario; John McCans, Medicine; Neil McEvoy, Hotel Dieu Hospital; Peter Munt, Kingston General Hospital; John Puxty, Providence Continuing Care Centre; Youssef Youssef, Oncology; David Walker (chair), Health Sciences; Gail Knutson (secretary), Health Sciences. All members of the university/health sciences community, who wish to comment regarding the headship of Oncology should do so in writing to the chair by Friday, May 30, 2003.

Other Positions

Peptide Synthesis Technician, Protein Function Discovery (PFD) Research and Training Program/Biochemistry

This is a full time position.

Responsibilities: all aspects of peptide synthesis, purification and analysis; maintenance of users base, accounts and book keeping; trained to operate the ABI 431A and 433A peptide synthesizers, Waters HPLC equip-



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Requirements: BSc or technical college diploma; background in organic chemistry or protein biochemistry an asset; strong interpersonal and problem solving skills; technical abilities; attention to detail.

Salary: commensurate with qualifications and experience.

Please send CV, name and address of three references before May 12 to Dr. David Hyndman, (dh16@post.queensu.ca) Manager, The Protein Function Discovery Research and Training Program, Room 614 Botterell Hall, Queen's University, Kingston, Ontario, Canada, K7L 3N6. For more information about the position please contact Dr. Alan Mak, Director, The Protein Function Discovery Research and Training Program (maka@post

.queensu .ca), or Glenville Jones, Department of Biochemistry, Queen's University, (gj1@post.queensu .ca). Further information about the PFD facility and the training program is at www.queens-pfd.ca/ and about Biochemistry at meds.queensu.ca/medicine/biochem/.

Clinical Research Assistant Intensive Care Unit, KGH

This is a part time position.

Responsibilities: assist with the implementation of experimental protocols under the guidance of the Principal Investigator and Research Coordinator in the Intensive Care Unit, Kingston General Hospital.

Requirements: diploma/degree in nursing or health-related field (current RN license preferred); experience in critical care an

asset; excellent interpersonal skills; attention to detail and problem-solving skills; basic computer skills; minimum 20 hours per week; weekend call one in two.

Salary: negotiable, based on qualifications and experience.

Please contact or send CV and 3 references to: Debbie Witham, ICU Research Coordinator, phone 549-6666, ext. 3191; fax 548-2402; e-mail: withamd@kgh.kari.net. Only those short-listed for interview will be contacted.

Employee Development

Please call Human Resources at 32070 to register for the following program or to obtain further information, or register at hadmin@post.queensu.ca

Effective Presentation Skills Fridays May 9 and 16

This two-session program provides practical techniques for giving more effective presentations. Topics include: planning and organizing your presentation, effective delivery methods, visual aids, overcoming nervousness. As one of the twelve participants, you will have the opportunity to practise these skills and receive supportive feedback in a non-threatening environment. Wendy Lloyd, Human Resources, 9 am to noon.

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/.

HELP LINES

Campus Security Emergency Report Centre:

533-6111

Human Rights Office
533-6886
Irene Bujara, Director

Sexual Harassment Complainant Advisors:

Margot Coulter, Coordinator
533-6629
Millard Schumaker – Religion
533-2106 ext. 74323

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:

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

Sexual Harassment Respondent Advisors:

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

Anti-Racism Respondent Advisor:

Ellie Deir – Education
533-6000 ext. 77673

Internal Dispute Resolution
SGPS Student Advisor Program
533-3169

University Grievance Advisors – Students:

Please contact Adrienne Clarke, Coordinator of Dispute Resolution Mechanisms, at 533-6495 for assistance or referral to a Grievance Advisor

University Grievance Advisors – Staff:

Jane Baldwin – Surgery
533-6302
Kathy Beers – Student Affairs
533-6944
Bob Burge – IT Services
533-6000 ext. 32447
Sandra Howard-Ferreira (On Leave)
School of Graduate Studies and Research
Gary Racine – Telecommunications
533-3037

Freedom of Information and Privacy Protection

Officer Don Richan 533-2378
Commissioner Margaret Hooley
533-6095

Employee Assistance Program
1 800 387-4765

University Chaplain:

Brian Yealland
533-2186

Rector

Ahmed Kayssi
533-2733

Student Counselling Service
533-2893

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

BULLETIN BOARD

Governance

Board of Trustees Election

The following candidates have been nominated for election to fill one Faculty/Librarian/Archivist vacancy – four-year term 2003-2007: Peter Baxter (Film Studies), Iain Munro (Education), Ruth Rees (Education). Ballots and biographical information were distributed on April 23 by campus mail. Completed ballots must be returned to the University Secretariat by Wednesday, May 7. QUFA members who are eligible to vote but who have not received a ballot should contact the University Secretariat at ext. 36095. Additional information on the Board of Trustees election process is available at www.queensu.ca/secretariat/. Results

will be posted on the website by May 14.

Honorary degree nominations

The Senate Committee on Honorary Degrees invites nominations for the award of honorary degree at the 2004 Convocations. Nomination forms are available at www.queensu.ca/secretariat/HonDegre.html, from the University Secretariat, B400 Mackintosh-Corry, telephone 533-6095, or from the office of the dean of each faculty/school. Submit nominations to the Secretariat by Friday, Aug. 15, 2003.

Senate Meeting, May 21

Senators; chairs and secretaries, senate committees; secretaries, faculty Boards please note the

secretary should receive items for the agenda by noon, Wednesday, May 7 in order for them to be considered by the agenda committee. Reports that are more than five pages long should have an executive summary of one page or less. Please submit your material to senate@post.queensu.ca in Win 98/Office 2000 format so we can make all agenda material available from our website.

PhD Examinations

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

Tuesday, May 13

Darcy Gerard Benoit, School of Computing. Automatic diagnosis

of performance problems in database management systems. Supervisor: T.P. Martin. 524 Goodwin, 1:30 pm.

Wednesday, May 14

Alok Kumar, Economics. Search, market power, and the dispersion of wages and prices. Supervisor: A.C. Head. 227 Dunning, 1:30 pm.

Volunteers

Conversation partners

If you can spare one to two hours per week you can help School of English international students who are studying English as a Second Language (ESL). No experience necessary. For more information drop by 96 Lower Albert St., call 533-2472 or write 9JLD1@qmlink.queensu.ca.

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INTERNATIONAL EDUCATORS TRAINING PROGRAM (IETP)

June 15 - 20, 2003

A Day in Conversation with Wade Davis...

The International Centre and Queen's University welcome Dr. Wade Davis, anthropologist, ethnobotanist and National Geographic "Explorer-in-Residence", who will deliver the IETP opening address, and facilitate the course *Culture & Tradition Clashing: Exploring Our Careers in the Modern World. A Day in Conversation with Wade Davis* (June 15 -17).

Please inquire about a special one-day package (June 16) for the Wade Davis course, available to members of the Queen's and Kingston communities.

The International Centre is offering the IETP for international education professionals from universities, colleges and organizations across Canada and the world.

For more information about the IETP visit www.queensu.ca/quic/ietp or contact Alison Cummings at 533 2604 or ac23@post.queensu.ca

General Research Ethics Board, Health Sciences and Affiliated Teaching Hospitals, Research Ethics Board and Office of Research Services



Host Ethics Lecture

"Sidelined by the Guidelines: An Illustration of Qualitative Ethical Research"

Thursday May 8, 2003
3:30 – 4:30 p.m.
Dunning 14

David Butz, PhD.

Ethics REB Member and Associate Professor, Department of Geography Brock University



To inform News and Media Services of your latest research findings or upcoming journal publications, call News and Media Services Coordinator Nancy Marrello, ext. 74040, or News and Media Services Writer Nancy Dorrance, ext. 32869.

DIGGING IN



CELIA RUSSELL

Workers excavate the area north of the Campus Bookstore recently to make way for an underground expansion to the building. The neighbouring Frost Wing is slated for demolition this June.

Art

The Agnes Etherington Art Centre
University Avenue

Ongoing exhibitions – Historical Feature and R. Fraser Elliott Galleries, *In a Foreign Country: Images of 18th and 19th Century Canada* to July 20; The Bader Gallery, *Contemplative Imagination* to Aug. 17; African and Frances K. Smith Galleries, *A Forest of Flowers – Words and Sculpture of West Africa*, to Oct. 12; Davies Foundation Gallery, *Fragrances of Time and Space: Block D* to May 11. *mindscaping kingston mills* to May 19. For further information, contact Pat Sullivan or Annabel Hanson at 613-533-2190.

Events

Wednesday, May 7. Reception for *mindscaping kingston mills* exhibition of a multimedia project by the Creative Arts Program at Queen Elizabeth Collegiate and Vocational Institute with artists Robert Mulder and Kristi Alik. 7 pm.

Sunday, May 11. Mother's Day Afternoon Tea With Agnes. \$10 includes admission, tour and tea. 2:15 pm.

Wednesday, May 14. Take the Agnes Art Bus to the Tulip Festival in Ottawa. Tour Rideau Hall and the exhibition *Christopher Pratt: Places I have Been* at the National Gallery of Ontario. Reservations, Lorna Boag, 549-8842 or Jean Fraser, 545-9418.

Thursday, May 15. *Highlights* tour, 12:15 pm. Free.

Saturday, May 17. Celebrate Doors Open and International

Museum Days with a free visit. Tours and studio activity offered, 10 am to 4 pm.

www.queensu.ca/ageth/

Union Gallery
Stauffer Library

Ingredients, May 3 to 28. An exhibition of prints and paintings by Ashley Stapleton and Ian Tait. Reception, Saturday May 24, 6 to 8pm.

stauffer.queensu.ca/webugall

Film

Sunday, May 18

Talk to Her by Pedro Almodovar, Spain. This story of a friendship between two men is an extraordinary and ironic journey of loneliness and friendship, detachment and passion, captivity and spiritual awakening that digs deeply into the human condition. Etherington Hall Auditorium, 7:30 pm.

Departmental seminar schedules

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

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

Chemistry
www.chem.queensu.ca/NEWSANDEVENTS/Seminars/Seminar02W.PDF

Centre for Neuroscience Studies
www.queensu.ca/neurosci/seminar.html

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

Pharmacology/Toxicology
www.meds-ss10.meds.queensu.ca/medicine/pharm/

Physiology
meds-ss10.meds.queensu.ca/medicine/physiol/physiol.sem.html

Public Lectures

Thursday, May 8

Research Services
David Butz, Brock University. Sidelined by the guidelines: an illustration of qualitative ethical research. 14 Dunning, 3:30 pm.

Wednesday, May 14

Jewish Studies
Kirstin Sabrina Dane, Muslim-Jewish mystical dialogues. 517, Watson, 7:30 pm.

Special Events

Saturday, May 10

National Technology Youth Leadership Conference
Hon. Peter Milliken, Speaker of the House of Commons and Bob McDonald of CBC's Quirks and Quarks address the conference's final banquet. Biosciences Atrium, 6 pm. Email exec@ntylc.org for dinner tickets (\$25).

Wednesday, May 14

Kingston 2003 Padre Laverty Award Dinner
Fred Siemonsen, Sc54 will be honored with the Padre Laverty Award for his tireless and ongoing dedication to Queen's, the Alumni Association, and the Kingston community; and Colonel Britton Smith, will be honored with the Jim Bennett Achievement Award for his commitment to his community as a business leader, noted local historian, volunteer, developer, and entrepreneur. Reception, 6 pm, dinner and awards presentation, 7 pm. Business suit. Dinner \$45/person by Visa, MasterCard, cheque payable to Kingston Branch-Queen's Alumni Association, or internal journal entry. Ban Righ Hall (corner of Queens Crescent and University Avenue). Contact Glenda Fralick, by May 9 at 533-6000, ext 77919, laverty_dinner@tricolour.queensu.ca or fax 533-6777 for information or reservations.

Sunday, May 25

Hip hip hooray walk
One-kilometre walk sponsored by the Human Mobility Research Centre. Proceeds to support orthopaedic research, patient care and clinical education. Registration begins at 11 am on walk day at Macdonald Park in front of the gazebo. The walk begins at 1 pm. For pledge sheets call Leah at 548-2430.

Submission information

To ensure we get your information correct, Calendar items must appear in this format: date, department, speaker's name and affiliation, title of lecture, place, time, and cost if applicable. Please submit your information in the body of an email message to gazette@post.queensu.ca.

You are reminded that the next *Gazette* deadline is May 12 at noon.



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