

# UEEN'S GAZETTE

An outstanding achievement P8 Not a pretty picture P9



# Waterfront arts complex gets green light

By NANCY DORRANCE

Faculty and students from all four of the university's creative departments – Art, Film and Media, Music and Drama – say the new Isabel Bader Centre for the Performing Arts will help enhance their programs and enable the presentation of world-class concerts.

Earlier this month, the federal and provincial governments announced up to \$30-million in funding for the new centre, to be located across from St. Mary's of the Lake Hospital on one of Ontario's most historic waterfront properties. The City of Kingston is contributing \$6 million and Queen's benefactors Drs. Alfred and Isabel Bader have donated \$18 million. The balance of the estimated \$63-million cost will be raised through additional fundraising by

Unique to the region, the centre will be a venue for world-class performers and a training facility for future leaders of the Canadian arts community. Included in its many innovative features - designed by eminent Norwegian and Canadian architectural firms Snohetta and ema - are a 560-seat, acoustically superior concert hall; a 150-seat studio theatre, a climate-controlled public art gallery housed in the lobby and a film-screening room. Classrooms, faculty offices, rehearsal and production facilities will also be housed in the complex.

This is the first Canadian project for Snohetta, winners of the 2008 European Union Prize for Contemporary Architecture, for their design of the National Opera House in Oslo, Norway.

The university's arts community has always been strong, says AMS president and drama major Michael Ceci.

"From the various concert ensembles, to student-driven dramatic productions, to first-rate films and art work, Queen's students have truly embraced the can do spirit in showcasing their work in facilities

that have been largely outgrown.
"The new Isabel Bader Arts Centre will allow Queen's students to thrive artistically in a modern,

# **Biologist** awarded prestigious Killam Prize

By NANCY DORRANCE

Biology professor John Smol is one of five pre-eminent Canadian researchers to receive a Killam Prize for 2009.

Canada's most distinguished awards for outstanding career achievements in health sciences, engineering, humanities, natural sciences and social sciences, the \$100,000 prizes are presented annually by the Canada Council for the Arts. Dr. Smol is the university's first recipient in the field of natural

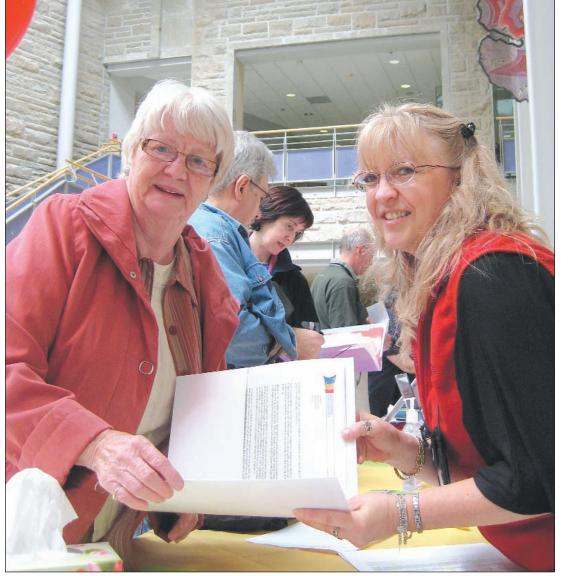
Widely considered one of the world's leading environmental scientists, Dr. Smol is an international authority on aquatic ecology, human impacts on lakes, Arctic limnology and environmental change. As founder and co-director of the university's Paleoecological Environmental Assessment and Research Lab (PEARL), he oversees the work of about 30 scientists studying the history of lake environments. Dr. Smol has served as Canada Research Chair in Environmental Change since 2000 - a position that was recently renewed through 2014.

"I am of course delighted to relike all such awards, it would not be possible without the efforts of my students and colleagues, whose work has always inspired me. I am proud to be associated with such a stellar group of students and other scientists with whom I have the opportunity to work at Queen's University, and especially in our lab at

"I am extremely proud of John's considerable and continued success." says Vice-Principal (Research) Kerry Rowe. "His dedication to research on environmental issues is demonstrated by his incredibly productive scientific activities spanning more than 25 years. John is highly deserving of this recogni-

The Killam citation reads, in part: "A pioneer in paleolimnology in North America, Dr. Smol has worked to transform a largely descriptive study of natural and human impacts on lakes into a See SMOL: Page 3

#### WELCOME BACK!



Kim Jesse of Alumni Relations (right) registers Elaine Vaughan (Arts'74) to participate in Spring Reunion/MiniU activities on Friday afternoon at the Biosciences Complex. More than 1,000 people were expected to attend the two events, which took place over the weekend. For full coverage, see the June 15 Gazette.

## Campus Community Appeal a success

By KATE ARCHIBALD-CROSS

Participation increased slightly in this year's Queen's Campus Community Appeal, and organizers are happy with the results.

The appeal, which runs annually from February to April, kicked off on Feb. 4 with a well-attended breakfast event at Grant Hall.

A total of 607 faculty, staff and retirees dedicated \$1,037,500 in gifts and pledges to various areas of the university.

This year's total represents a 40per-cent increase in dollar amount over last year due to some significant gifts, says Glenn Best, Queen's Annual Giving Officer.

This kind of giving makes a major difference in the work the university is able to do, says Mr. Best. It provides direct support to pressing operational needs through the Annual Fund - to areas including the Alma Mater Society, the Ban Righ Foundation, the libraries,

research and student assistance.

"This year's results demonstrate the impact that faculty, staff and retiree giving can have with 11-percent participation," says Mr. Best. "Imagine the potential impact

when we all join together.' The appeal is organized by a group of volunteers dedicated to promoting participation in campus community giving.

www.queensu.ca/communityappeal

# Regal recognition

### ART McDONALD ONE OF THREE CANADIANS TO JOIN ROYAL SOCIETY

By NANCY DORRANCE

Physics professor Art McDonald is one of three Canadians elected to the Fellowship of the Royal Society, the national academy of science of the UK and the Commonwealth.

As one of 44 international recipients of this honour for 2009, Dr. McDonald joins the likes of Isaac Newton, Charles Darwin and Stephen Hawking. Founded in 1660, the Royal Society today has more than 1400 Fellows and Foreign Members worldwide, recognized for their exceptional contributions in the fields of science, engineering and medicine.

"Art McDonald's election as a Fellow of the Royal Society is another example of the tremendous international recognition of the outstanding science that has been conducted by the SNO team he has led, and an extremely well-de-served honour for him," says Vice-Principal (Research) Kerry Rowe. "This again highlights the outstanding research being conducted and led by Queen's researchers."

A native of Sydney, Nova Scotia, Dr. McDonald was attracted to Queen's from Princeton in 1989 to head up the university's new Sudbury Neutrino Observatory (SNO), located in a northern Ontario nickel mine. Working in the world's deepest underground laboratory, the SNO team discovered that neutrinos (sub-atomic particles considered the basic building blocks of the universe) change from one type to another on their

See McDONALD: Page 2

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Queen's News Centre

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# Queen's Centre promotes physical, spiritual health and wellness

# Queen's CENTRE

#### By ANITA JANSMAN

McDonald

continued from page 1

journal Science.

**Art McDonald** 

will be officially

admitted to the

Royal Society in a

It is a widely held truth that healthy people may contribute to more productive and pleasant working and learning environments.

Fortunately, scores of initiatives exist at Queen's that promote good health for students, staff and fac-ulty, ranging from comprehensive athletics and recreation programs, to robust awareness and advocacy programs for physical, mental and spiritual wellness. The bright new Queen's Centre, opening this fall, will strengthen these programs by

journey to Earth from the sun. This solved a 30-year-old scien-

tific problem and confirmed that

models of energy generation in the

sun are correct. The SNO measurements indicate that the basic laws of physics must be rewritten, and

provide information that could

lead to a more complete description of nature at the most micro-

scopic level. The discovery was

ranked the second most important

scientific breakthrough in the world in 2001 by the international providing larger facilities that are also far more conducive to promoting overall fitness.

Manager of Campus Recreation Jeff Downie is part of the Queen's Wellness Coalition (QWC), which comprises members from the School of Kinesiology and Health Studies, Athletics and Recreation, Health, Counselling and Disability Services, the Executive MBA Program, Student Affairs, University Chaplain, Human Resources, and Residences. The coalition is working to create a healthy campus that promotes, encourages, and supports health and well-being.

"This group helps to form a more centralized effort on the issue of wellness on campus," says Mr.

"The Queen's Centre will provide infinitely better facilities for some of the existing programs, and will allow us to create new programs that address not only physical fitness, but mental and spiritual health as well."

He looks forward to offering more varied yoga programs, for example. The space will also allow a more diverse range of initiatives such as women's-only classes and unstructured table-tennis games. It will also play host to special events such as the annual Healthy U Fair, held each fall.

A QWC member, Shannon Jones leads Healthy U at Queen's, through the Department of Human Resources. She's excited about the new facility, for both professional and personal reasons.

"The Queen's Centre will definitely help to meet the wellness needs of students, faculty

and staff," she says.

"It's important to offer many healthy options for dealing with, for example, stress in the workplace, and the new facility will help do that. As a staff member, I'm excited to be able to work out in this great new place.'

Leslie Dal Cin, Director, Athletics and Recreation, echoes these sentiments.

"The Queen's Centre will be an inviting place, with beautiful and functional surroundings, and natural light. It will be a place for people to meet, to work out, share time together, and become part of a healthy community. It sends a great signal to the importance Queen's places on health and well-

www.queensu.ca/queenscentre



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Art McDonald will be officially admitted to the Royal Society in a ceremony in London this July.

ceremony in London this July. The Gordon and Patricia Gray Chair in Particle Astrophysics at Queen's, Dr. McDonald was co-recipient in 2007 of the Benjamin Franklin Medal in Physics. Among his other honours are the Gerhard

Herzberg Gold Medal as Canada's top scientist, presented by the NSERC in 2003; the Bruno Pontecorvo Prize from Russia, a prestigious award in particle physics (2005) and the Tom W. Bonner Prize, North America's top prize in

nuclear physics (2003). "Our new Fellows are at the cutting edge of science worldwide," said Royal Society President Martin Rees in making the announcement. "Their achievements represent the vast contribution science makes to society. They join an outstanding group of more than 1,400 Fellows

and Foreign Members of the Royal Society, and all rank among the international leaders in their field."

Dr. McDonald will be officially admitted to the Royal Society in a ceremony in London this July. The full list of new Fellows and Foreign Members is available at http: //royalsociety.org/publication .asp?tip=1&id=7696



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## Chemistry to host visit of Nobel Laureate IN BRIEF

Nobel Laureate Robert Grubbs, an organic chemist whose work on catalysis has led to a wide variety of applications in medicine and industry, will be visiting campus next month

Dr. Grubbs is visiting the Department of Chemistry to take part in the McRae lecture series, named in honour of John Alexander McRae, a former department head. The prestigious lectureship has attracted some of the best organic chemists from around the world. including Nobel Laureate in Chemistry H.C. Brown, who was the 1976 McRae lecturer.

Dr. Grubbs received the Nobel Prize in Chemistry in 2005, along with Richard Schrock and Yves Chauvin, for the development of the metal-catalyzed metathesis of olefins.

This is a reaction in which two different organic molecules are brought together on a metal catalyst and make a remarkable transforma-

After binding the organic molecules, the metal selectively breaks and then reforms a total of four carbon-carbon bonds in a remarkable molecular dance.

Although this reaction has been used primarily in the synthesis of polymers and plastics, which Dr. Grubbs will discuss, his group was instrumental in envisioning and

executing applications of the reaction for the synthesis of complex natural products and pharmaceuticals.

He will deliver a public lecture, suitable for a general audience -Sputnik, Metathesis and Nobel - on Thursday June 4 at 7:30 pm in Chernoff Hall, to be followed by a reception.

His second lecture will be scientific - Synthesis of Large and Small Molecules using Olefin Metathesis. It takes place on Friday, June 5 at 11:30 am in 117 Chernoff.

For more information on Dr. Grubbs's visit, contact Chemistry professor Cathleen Crudden, cruddenc@chem.queensu.ca, 613-



COURTESY OF CALTECH Robert Grubbs

# Grad student takes lead on sustainability

By KATE ARCHIBALD-CROSS

Cassandra Eberhardt, a graduate student in Sociology, is among a select group of students chosen to attend a national conference on leadership in sustainability. Ms. Eberhardt is one of 180 post-secondary students chosen from more than 900 across Canada to participate in this major event.

Impact! The Co-operators Youth Conference for Sustainability Leadership takes place on the University of Guelph campus from Sept. 24

"The timing of this conference couldn't be more significant with the current global economic crisis, concerns over global warming and the very active movements to adapt a 'greener' lifestyle," says Ms. Eber-

"To be chosen out of so many qualified and motivated students is truly a privilege. This opportunity will provide me with valuable tools that I can bring back to the Kingston and Queen's community to raise more awareness about issues of sustainability and how to put these

ideas into practice."

Participants will conduct preconference research into sustainability practices of large and small organizations in a variety of sec-

Ms. Eberhardt will be looking specifically at the sustainability practices of Planet Bean, a Guelph company that sells fair trade and organic coffee products.

At the conference, participants will team up with experts to develop real sustainability solutions to take back to their campuses,

communities, and current and future workplaces.

David Suzuki, award-winning scientist, environmentalist and broadcaster, and co-founder of the David Suzuki Foundation, will be the keynote speaker, and many other experts are participating in this diverse and multi-disciplinary conference.

The participants, ages 19 to 25, represent many fields of study, perspectives and geography.

www.impactyouthsustainability.ca

Smol continued from page 1

recognized quantitative science with powerful analytical properties. His groundbreaking research on lake acidification, climate change and land use change (e.g. the disappearance of entire ecosystems in the High Arctic), has permanently altered views regarding the extent to which human activities affect the natural environment, and prompted key public policy and program development worldwide. He has made cardinal discoveries, developed innovative techniques and research protocols, and published over 350 journal articles and book chapters, as well as 16 books."

The citation also pays tribute to Dr. Smol's mentorship of "many of today's influential scientists." That assessment was reinforced earlier this year when, along with nine other Canadian professors across the country he received a prestigious 3M National Teaching Fellowship.

Numerous other national and international awards presented to Dr. Smol include the NSERC Herzberg Gold Medal as Canada's top scientist (2004). the National Research Council's Steacie Prize as Canada's most outstanding young scientist (1993), a Killam Fellowship (1995-1997), Fellow of the Royal Society of Canada (1996) and an Ontario Distinguished Researcher Award (2002).

In 2008, Dr. Smol and his brother, University of Ottawa professor Jules Blais, were jointly named "Environmental Scientist of the Year" by the Royal Canadian Geographical Society.

Inaugurated in 1981, the Killam Prizes are financed through funds donated to the Canada Council by Mrs. Dorothy J. Killam before her death, in memory of her husband, Izaak Walton Killam. The prizes were created to honour eminent Canadian scholars and scientists actively engaged in research, whether in industry, government agencies or universities.

Past Killam Prize winners from Queen's are professors Kerry Rowe (Civil Engineering) and Will Kymlicka (Philosophy), both of whom received their awards in 2004.



John Smol's research on lake acidification, climate change and land use has permanently altered views regarding the extent to which human activities affect the natural environment.

## The power of green

Colin MacDougall (Civil Engineering) will speak on Green Buildings: Sustainable Development, the second talk in the Kiwanis Community Lecture Series. The event takes place on Monday, May 25 at 7 pm in 105 Miller Hall.

The evening will include two talks. Steve Vardy of the Royal Military College's "green team" will speak on green buildings and their importance in moving toward sustainability. Professor MacDougall, a member of the Straw Bale Building Coalition, will discuss the design and construction of straw bale buildings.

Admission, parking and refreshments are free.

For more details, visit www3 .sympatico.ca/kiwanis.kingston/

### Queen's hosts HR conference

The Association of Ontario University Human Resource Professionals (AOUHRP) Annual Conference, which takes place on campus May 27 – 29, explores the evolving role of HR professionals.

Speakers include Kevin Wilson (Assistant Deputy Minister, Policy, Program Development & Dispute Resolution Services Division, Ministry of Labour). He will speak on The Effect of the World Economic Upheaval on the State of Labour Relations in Ontario.

Queen's Industrial Relations Centre director Paul Juniper, a leading figure in Canada's human resources community, will deliver a talk entitled New Work, New HR.

Queen's School of Business professor Tina Dacin discusses Strategic Networking.

Health, Counselling and Disability Services director Mike Condra, an assistant professor in the departments of Psychology and Psychiatry will speak on Mental Health Issues and Today's Work-

For more information, visit www.hr.queensu.ca/aouhrp\_2009

## **ITServices** presents spring workshops

The ITServices Spring Workshop Schedule for May and June is now available online.

To view courses and to register, visit www.its.queensu.ca/educate /current\_workshops.html



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# A creative new way to manage courses

By GRAHAM STRATFORD

Queen's School of Medicine is releasing a new software application to manage courses, schedules and other program-related information.

Developed by the school's MEdTech Unit over the past five years, Entrada is assisting faculty and staff in this year's accreditation process by allowing them to track the delivery of course material. Faculty members report that Entrada has improved the coordination of learning events because they can instantly see when students are learning related materials. It has also streamlined communications

between faculty and students. Earlier this month, the school presented Entrada at the Association of Faculties of Medicine conference in Edmonton.

Students can search the entire curriculum for key words or phrases.

By early 2010, Entrada will be available to the public as Open

Source, meaning that people in the Queen's community and beyond will be free to use, copy, and modify it.

The School of Medicine hopes that sharing the code for this application will lead to others enhancing and improving it, and sharing their changes.

Students can use Entrada to see their schedules; view course details and access podcasts, videos, and other documents associated with courses and individual learning

They can search the entire curriculum for key words or phrases.

They are also able to choose how much of their personal information is visible to other users.

Faculty can post their lecture notes and slides, compare syllabi from different years, and send notices to groups of users or to individual classes.

Both students and faculty can use Entrada to set up ad hoc groups that can be invitation-only, open only to class members, or open to all users. Groups can create informational pages, announcements, events, discussions, share documents, photo galleries, and poll their members.

Entrada has recently been adopted at the University of Calgary, where it is being used by students and faculty in the faculties of Medicine and Veterinary Medicine. In all cases, it has met with an overwhelmingly positive response.

Future enhancements to Entrada include the ability to host web conferences.

For more information about Entrada, visit www.entrada-project.org or contact Matt Simpson, matt.simpson@queensu.ca, 613-533-6000 ext. 78146.

#### Arts centre

continued from page 1

professional and larger space," says Mr. Ceci. "Students in general will benefit from the centre as both a place of learning and as a location for campus groups and events."

Faculty from the four arts departments are delighted with the prospect of further integrating their programs in such a setting, and feel the centre will serve to enhance the distinctive qualities that already attract top students and faculty to Queen's.

Department of Film and Media head Clarke Mackey notes that it will build on a tradition of artistic firsts, such as the pivotal conference of Canadian artists organized in June 1941 by the founding director of the Agnes Etherington Art Centre, André Biéler, at which luminaries such as A.Y. Jackson and Arthur Lismer declared a new "cultural democracy" on the campus lawns and formed the Federation of Canadian Artists.

A current upper-year course, Contemporary Cultural Performance, brings together students and professors from all the arts departments to create and present a unique, inter-media production.

"That's the kind of thing we would like to do at the new location," says Professor Mackey. "To some extent, the idea for this course evolved from discussions around the arts centre complex, with the same themes of integrating and sharing."

Department of Drama head Tim Fort is equally enthused about the new facility. Noting that drama students tend to develop a fierce loyalty to their program, he says, "I think we're just the right size, with the kind of balance where students can interact freely with instructors and feel supported in exploring a variety of paths."

This is reflected in the wide range of careers where alumni have found success, Dr. Fort says.



COURTESY OF SNOHETTA AND EMA

The architect's rendering of the Isabel Bader Centre for the Performing Arts as seen from the Lake Ontario waterfront.

"The Performing Arts Centre could enhance our already distinctive program and increase accessibility between departments as well as with the wider community. It would serve us well for both outreach and 'in-reach.'"

The centre will make crossfertilization across the different artistic media much easier, agrees School of Music professor John Burge.

Queen's is distinctive in allowing music students to study within a very flexible curriculum that easily enables them to combine

courses in the areas of music education, performance, theory, history and ethnomusicology.

"Since the same kind of flexibility exists among the different arts programs, where students may have major and minor concentrations in addition to taking many possible elective courses, that advantage will be strengthened by the new complex," he suggests.

One challenge the music program has encountered in the past has been the lack of a dedicated performance space: something that satisfies and challenges students, as

well as appeals to an audience, Dr. Burge says.

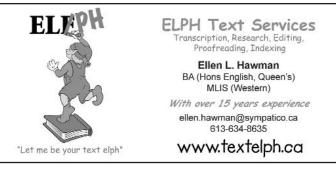
"For student performers themselves, a hall that is well-designed acoustically, will make their instruments and voices resonate with more beauty and greatly improve their level of performance. We need to give our students the opportunity to perform in a professional quality hall so that when they go off to audition they will have already had the experience of working on a great concert stage. And of course, public concerts presented by our faculty and visiting artists

will benefit greatly, too."

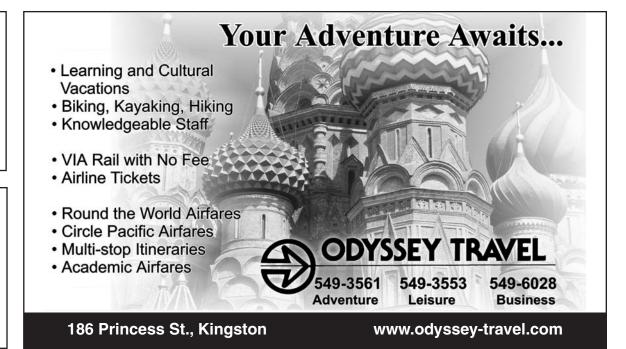
The centre's art gallery, fully climate-controlled and secure, will allow graduate students to organize and curate exhibitions of world-class art, says Ron Spronk, professor of Art History and head of the Department of Art.

"Supervised students would be able to do an entire production. It will give them unique insight into what's required to curate an exhibition," he says, adding that research projects could be showcased too.

Preconstruction work will start in the next few months.







# Summer student interns contribute to administrative systems replacement project

By ALISON MIGNEAULT

Three summer interns recently hired to help with the university's administrative systems replacement are bringing a fresh student perspective to the project.

Given their engineering and computing backgrounds, the choice to intern on an administrative endeavor may seem like an odd one. But all three were attracted to the business aspects of the project and saw the work as reflective of and supplemental to their studies.

"The mapping, project management and process work is similar to what we did in my chemical engineering classes," says Steven O'Neill, who just completed his fourth year in biochemical engi-

Working with Queen's University Administrative Systems Replacement (QUASR) team members, the interns are focused on communications, training, standards and procedures - work that touches all aspects of the QUASR project. Each intern is assigned a staff mentor and a particular area of focus. This type of one-on-one guidance ensures that each intern has direct support from the QUASR

The inspiration goes both ways. "The QUASR Project Team has been enriched with the interns' contributions," says QUASR Program Director Jim Carse. "The quality of their efforts to date speaks very highly of their individual capabilities and Queen's exceptional academic programs." Inspired when Mr. Carse visited his Information Systems Development class to talk about the project a few months ago, Josh Fletcher applied for a job.

"I talked with Jim and found the project really interesting," says Mr. Fletcher, who is entering his fourth year in biomedical computing.

Fourth year civil-engineering student Jordan Jenah agrees. "This is a great experience and I am gaining transferable skills for my career. I like contributing to something that makes the university

The opportunity for students to work on the project is invaluable, says University Registrar Jo-Anne

"It is wonderful that students have an opportunity to engage in the development of this project, contributing to their experiential learning which underpins much of Queen's undergraduate philosophy," she says.

Together with their mentors, Mr. O'Neill is collecting, reviewing and revising forms; Mr. Fletcher is

updating and writing administrative procedures and Mr. Jenah is helping to construct the training strategy for the upcoming finance implementation. The students' work helps the university prepare for the switch to the new software -

Oracle's PeopleSoft Enterprise applications – and will contribute directly to the success of the overall project.

QUASR is a multi-year project aimed at replacing aged administrative systems to enhance service delivery through systems and business processes, integrate solutions across departments, and help reduce and manage risks to the uni-

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www.queensu.ca/quasr



Student interns (from left) Josh Fletcher, Jordan Jenah and Steven O'Neill find that working on the university's administrative systems replacement project benefits their studies.

# Conference focuses on moving research to real life

In an era of shrinking funds and increased demand for research dollars, granting agencies want to know the research they are supporting will make a difference.

Knowledge mobilization, a key component of any grant application, is the topic of a one-day workshop on Tuesday, June 2 hosted by the Office of Research Services (ORS) and The Monieson Centre, Queen's School of Business.

"Many of us practise knowledge mobilization in some form every day – we just don't realize it," says Karina McInnis, ORS associate di-

"We are seeing an increase in the requirement for knowledge mobilization and dissemination activities as a component of every research program. These requirements are particularly being driven by tri-council research funding agencies as they add value and justify the importance of the research they fund to the federal government and to the public as a whole."

Through hands-on exercises and discussion, the workshop, entitled

Knowledge Mobilization and Grant Proposal Writing: A Researcher's Guide, will clarify what it means to incorporate knowledge mobilization and translation activities into research programs. Peter Levesque, a past Social Sciences and Humanities Research Council (SSHRC) director, and founder of Knowledge Mobilization Works! will facilitate.

'Knowledge is the raw material of our emerging society and economy," says Mr. Levesque. "Greater value is always created when we transform the knowledge gained

from research into action."

The workshop also marks a transition. As The Monieson Centre increasingly focuses on knowledge creation versus knowledge translation, the ORS will increase its role in assisting researchers with the knowledge mobilization components of their grant applications.

"In the past, The Monieson Centre has been privileged to assist researchers across the Queen's campus in developing knowledge mobilization strategies for their research proposals," says Yolande

Chan, director, The Monieson Cen-

"Moving forward, ORS will assist researchers with knowledge mobilization without the centre's involvement.'

The workshop takes place in Robert Sutherland Hall (Policy Studies Room 202). Although free for the Queen's community, registration is required.

business.queensu.ca centres/monieson/events /upcoming\_conferences.php



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# **FORUM**

#### QUEEN'S FLASHBACK: CONVOCATION





CELIA BLISSELI

Above, left, members of the academic procession share a smile as they walk toward Grant Hall for a convocation ceremony in the spring of 1958. Then-Vice-Principal J.A. Corry is second on the right. Above right, a sea of engineering graduates greet friends and family after spring convocation in 2005. Former Rector Grant Bishop stands to the right of the man in sunglasses near the top of the photo. Those with more information about these photos are invited to email gazette@queensu.ca

#### Letter

# Reconsider salary increases and invest in the future

I support the proposal by professors Beverly Baines and Ingrid Johnsrude, our faculty representatives at the Board of Trustees, for reconsideration of faculty salary increases in response to the current financial squeeze at Queen's.

A faculty hiring freeze, staff cuts or non-replacement of retiring faculty would do more harm to the educational mission of our university than for our faculty salaries to rise at a more modest rate.

My Queen's appointment began in 1994, during the last great round of public sector budget cutting, and I remain grateful for the opportunity to return to Canada to begin my academic career. I recall that my salary was cut by four per cent immediately upon arrival (due to provincial constraints) but this seemed immaterial compared to the chance to teach a subject I love at a good Canadian university. My starting salary at Queen's was 20 per cent less than my salary as a practicing professional planner, but the high quality of life and low cost of living in Kingston made this level of compensation seem like a reasonable compromise.

Over the past decade, I've been astonished that my salary has risen at an average annual growth rate of more than seven per cent, to the point where I'm comfortable with my level of compensation. Thanks to the efforts of our faculty association, my salary now exceeds that of most of my professional planning colleagues. However, given the

university's current financial circumstances, we should reconsider our salary growth rates.

Of course, its lovely to have a bit more cash each year, but I would much rather have fresh young colleagues to maintain our standard of education and research at Queen's. Therefore, I support the idea of reopening academic salary issues in our collective agreement. I don't have a specific proposal, because I'm not an expert on this subject, but I'd be willing to consider ideas such as:

- connecting the base salary increase to the Consumer Price Index, or
- foregoing the scale increase for the next year or two, or
- disconnecting merit pay from the
- next year's base salary, or
   adjustments to the Progress
- Through the Ranks model, or

  allowing lower starting salaries

  then the \$85,000 correctly re-

than the \$85,000+ currently required by the anomalies side tables.
Savings from moderating the in-

Savings from moderating the inflation of current faculty salaries could be invested in hiring brilliant new junior professors in departments that need them. There will be excellent recruiting opportunities in the next few years.

I hope that my faculty association will take action on these issues. As a show of my good faith, I pledge to donate 3.2 per cent of my 2009 annual salary to Queen's in the event that equivalent savings are not negotiated in the months ahead

David Gordon Professor School of Urban and Regional Planning

# Technology leads way in classroom education

Integrating technology in teaching and learning environments is a hot topic these days, driven by several factors. It has long been known that meaningful learning is not achieved by having students sit in class, listen to teachers, memorize assignments, and regurgitate responses on demand. Significantly more is required to get and keep students engaged, particularly those who come from a generation that seems to have learned how to text in utero. In the same way that Facebook, Twitter and hand-held technologies have become popular vehicles for social networking, a wide range of newer technologies is available for the classroom, such as student response systems (clickers), digital whiteboards, podcasts, wikis, video, and more.

However, knowing that such technologies exist is only the first step. In the Faculty and Staff Learning Facility (Mackintosh-Corry Hall B176), ITServices and the Centre for Teaching and Learning (CTL) work closely with faculty and other fectively integrate technology into teaching and learning. To support the integration of technology, the Emerging Technology Centre (Mac-Corry B109) is a multimedia showcase for faculty, staff and students and serves as a research, development and evaluation space, as well as offering consultation, advice and recommendations on the use of emerging technologies. As part of this ongoing effort, ITServices is currently hosting Project Quest, which offers an opportunity for teams of faculty and graduate



NANCY SIMON

Plugged In

students to work collaboratively with ITServices staff and other faculty members to explore, develop, and integrate new technologies into their programs with a focus on active and engaged learning. The website Engaging Students in the Classroom and Beyond explores some of these many possibilities. See <a href="http://wiki.queensu.ca/display/escb/Home">http://wiki.queensu.ca/display/escb/Home</a>

The value of technology in teaching and learning is not just cable to pedagogy. The Princi pal's Task Force on Virtualization, established last year in response to growing fiscal constraints, has as its stated objective "to examine the potential for use of information technology and electronic media in reducing costs of instruction, alleviating space constraints associated with growing enrolment, and enhancing the quality of the teaching and learning environment at Queen's." To this end, ITServices is exploring lecture-capturing systems as a means of fulfilling these goals. The equipment which is currently

under evaluation in the Mac-Corry B176 Lecture Theatre is fully automated and non-intrusive. It consists of an automated camera system which has the capacity to track presenters through both voice and movement, and a capture station which collects the data from the camera as well as from the presenter's computer (e.g. a Power-Point presentation). It can then synchronize the video with the presented material, making it available for both live streaming and on-demand viewing.

While still only at the evaluation stage, Queen's is the first Canadian university to consider adopting a fully automated camera and capturing system for classroom use. The next step is to establish a pilot project, anticipated to take place this September. To learn more about the Virtualization Task Force, visit the Principal's website, www.queensu.ca/principal

For information about the Emerging Technology Centre, visit the ITServices website, www.queensu.ca/its/etc

Queen's University belongs to the New Media Consortium (NMC), an international not-forprofit consortium of nearly 200 leading colleges, universities, and other learning-focused organizations dedicated to the exploration and use of new media and new technologies. To learn more about the NMC, please visit: www.nmc.org

Nancy Simon is a technical communications analyst in Information Technology Services.

#### Viewpoint Policy

The Queen's Gazette welcomes submissions for Viewpoint from members of the university community. Unless otherwise discussed in advance with the editor, articles should normally range between 600 and 700 words and should address issues related to the university or higher education in general. Speeches related to issues of interest to the university community are also welcome. Email submissions to gazette@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.

#### **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 is preferable. Letters should be submitted to gazette@queensu.ca by noon on the Monday before publication. Letters are normally about 300 words maximum. The Gazette reserves the right to edit letters to address style, length and legal considerations. The editor reserves the right to edit or reject any submission that does not comply with policy.

# Bader celebration caps Canada Day at castle

Spring and summer terms are a special time at the castle. Lasting eight (Law), six (Spring Arts and Science, Commerce) or four (Summer Arts and Science, Commerce) weeks, the students' sojourns in this exquisite setting may be shorter than the regular academic year, but the impact remains huge!

Students arrive with the bluebells, wisteria and azaleas, and then move on into the rhododendrons, roses and herbaceous borders. Most days the weather is already warm enough to wander between classes or in the lengthening evenings, with increasing opportunities as we move into June for classes to be held outside, in the courtyard or gardens. Goslings, ducklings and water-lilies deck out still further the already magical moat, where a lone heron or cormorant may also add a different, lurking, more shadowy presence...

Outdoor events on campus provide still other context for the ongoing academic program: the month-long Zimsculpt exhibition and sale of over 150 Shona stone sculptures from Zimbabwe, arranged provocatively – but oh so



DAVID BEVAN

**Notes From Herstmonceux** 

pleasingly – throughout the Elizabethan Gardens; twilight performances of Tess of the D'Urbervilles and A Midsummer Night's Dream; a marquee Antiques Fair in front of the Castle.

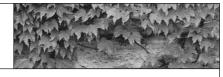
The Bader International Study Centre's (BISC) academic program itself adds its own riches, having further diversified over these 2009 terms, with now three Law post-baccalaureate modules (Public International Law, International Business Law, Comparative Law) alongside similarly expanding undergraduate terms.

More INTS courses in Arts-Sci or Commerce – international, interdisciplinary and comparative – unique to Herstmonceux, and taught by faculty from the U.K., Western and Eastern Europe, Canada, the U.S. and Mexico, to students from a myriad of universities not only across North America, but also from Australia, New Zealand, Hong Kong, Shanghai, Beijing, Mexico, Trinidad, Jordan, the Bahamas and elsewhere...

And, to celebrate all this, in the year of Alfred Bader's 85th birthday, what could be more wonderful than for the entire BISC community to gather on Canada Day, July 1, with Alfred and his wife Isabel, with Queen's Principal Tom Williams and other guests, and give thanks for that remarkable vision of 1993 which introduced the castle into the wide-flung Queen's family, and thereby transformed the lives of so many... and for years to come.

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

# UNIVERSITY ROUNDUP



#### A degree of dissent?

Members of the University of New Brunswick (UNB) community are protesting the university's decision to present Premier Shawn Graham with an honorary degree. History professor Robert Whitney says that it doesn't make sense to honour Mr. Graham in this way, as his policies and objectives restrict access to university education. About 100 faculty and staff from the university's Saint John and Fredericton campuses have signed a letter of protest. As a result of widespread protest, Mr. Graham's government backtracked on proposed changes to the structure of UNB Saint John and the University of Moncton. Mr. Graham was nominated for the honorary degree in 2006, before he became so controversial, says Stephen Stropel, university secretary for UNB Fredericton. The institution has granted every premier an honorary degree within their first term of office since 1925.

Globe and Mail, May 12

#### Bursary brouhaha at USask

The University of Saskatchewan has refused a \$500,000 endowment from a donor who wanted the money to be designated for "nonaboriginal students." The donor is an alumnus who asked to remain anonymous and said that her request was not a form of racism. She feels that aboriginal students are adequately looked after in university, and that she wants to make a difference to a student who is struggling, as she did, and could really use the help. The university's advancement department informed her that stipulating who is eligible for money through bursaries is discriminatory and prohibited by human rights law. There are many misconceptions about the amount of funding aboriginal students have access to – it is not as robust as people think, says Heather Magotiaux, vice-president of advancement

Saskatoon Star-Phoenix, May 13

# Cultural influences can affect academic integrity

One of the many benefits of attending university is the opportunity to meet and interact with persons from diverse countries and cultures.

Students and other visitors from Canada and abroad bring a valuable multicultural and international dimension to our campus one that is increasingly important as societal expectations demand that our university graduates have the ability and experience to deal with global and cross-cultural issues. Having this wonderful blend of people on campus is enriching and rewarding and also brings some specific challenges. Differences in cultural norms and behaviours can lead to additional complexities with respect to academic integrity (AI) for students and their instructors. Moreover, these cultural issues exist in all aspects of university life - internally and externally, and at home and abroad – as highlighted in the following examples, taken from actual studies presented at some recent

At North American universities, several cultural factors associated with our own society may induce students to cheat. Numerous AI studies conducted in the U.S. and Canada point to significantly higher instances of cheating when students are pressured to succeed in order to be more competitive for jobs or graduate school, and when students (often noted to be from affluent families) have a sense of entitlement. For example, "I tried hard, so I deserve a good grade" is a phenomenon that has been increasingly reported in the news.

Local subcultures can also strongly influence students. Students are more likely to cheat on campuses where cheating is the norm, where students believe that faculty members do not support institutional AI policies, in certain academic programs (particularly in business and engineering) or where students are members of a fraternity or sorority.

One study in the United Arab



JIM LEE

**Academic Integrity and You** 

Emirates provided some insight on the AI challenges faced by one prestigious university in that society. There was a growing concern at this institution that student cheating was a significant problem. An AI survey showed that a significant percentage of students did not believe that any of the following actions were considered to be serious cheating - working with others when asked for individual work, getting questions/answers from someone who has already taken a test, receiving unauthorized help on an assignment, copying another other student on a test, or helping

someone else cheat on a test. The AI survey results clearly suggested that there might be strong cultural influences that affect student behaviour - notably, that some Arab societies have a strong tradition of helping one another. In particular, there is a strong loyalty to the collective group, such that all members are expected to help another member of the community. To address the issue, the university adopted an honour code. analogous to those that exist at many American universities, and built it around the ideals associated with the founder of the university a revered national figure. The university has subsequently had great success through this approach in which AI expectations were clarified through a culturally relevant

Another study examined incidents of plagiarism by overseas

Chinese students in tertiary education institutions in the UK, Australasia and North America. The study found that overseas Chinese students could inadvertently plagiarize for several reasons, including poor English-language writing skills, poorly developed criticalthinking skills, and a lack of knowledge and training about proper citation practices in academic work. However, one significant factor appeared to be the esteem to which teachers are held by their students in Chinese society, such that "copying" a teacher's ideas could be viewed as a gesture of respect rather than an act of plagia-

Thus, it is not unreasonable to expect that students from our own, very multicultural nation might have different levels of knowledge about AI when they arrive at university, and this expectation may be even more pronounced with international students.

At Queen's, we are proud to have many students who come from a diverse range of countries and cultural heritages, so it is particularly important that our stuthe additional cultural complexities that may exist. As an institution of higher learning, we have adopted a particular standard with respect to academic integrity and expect everyone to adhere to those same principles. Consequently, there is a strong impetus for all of our students to be educated in our AI standards and the concomitant expectations in academic and scholarly work. To this end, we are considering the implementation of a variety of educative programs, including an academic-integrity tutorial for all incoming students, which will help to promote and promulgate good AI practices today among our future leaders of tomor-

Jim Lee is the academic integrity advisor to the Vice-Principal (Academic) and acting associate dean (International) in the Faculty of Arts & Science.

#### UVic cancels some student payouts

Faced with dwindling endowments, the University of Victoria has cancelled bursary and scholarship payments from 40 per cent of its endowment funds. The foundation board manages 995 funds, and 60 per cent of those will pay out in 2009/10, with the rest to be assessed in the spring of 2010. It is estimated that these changes will affect hundreds of students, and UVic Students' Society chairwoman Veronica Harrison says that the changes certainly won't help students already struggling with financial accessibility.

Victoria Times-Colonist, May 9

#### Swag sways students: study

A recent study has shown that "trivial" handouts to medical students, such as notepads and clipboards, influence the drug brands that those students favour. "We know that even trivial gifts operate on an unconscious level and influence us in ways we don't appreciate ourselves," says study author David Grande, an internal-medicine specialist at the University of Pennsylvania. The study involved 352 fourth-year medical students at the University of Miami and the University of Pennsylvania, and illustrated the influence of even small gifts as well as the importance of guidelines at medical schools around conflict of interest and education on pharmaceutical companies' tactics of persuasion.

GlobeCampus.ca, May 12

#### Wikipedia hoax dupes media

A Dublin university student fabricated a quote on Wikipedia earlier this month, and found that despite its lack of attribution, the quote was picked up by dozens of blogs and newspaper websites. French composer Maurice Jarre died on March 28, and Shane Fitzgerald saw an opportunity to conduct a test of today's media's commitment to accuracy and accountability. Within 15 minutes of learning of Mr. Jarre's death, Mr. Fitzgerald had written and posted a quote that he hoped would appeal to obituary writers. He didn't think that newspapers would pick up the quote, as it was not linked to a source. However, many publications used the quote, and it was only when Mr. Fitzgerald came forward a month later as the author of the quote that anyone realized it was a fake.

Macleans.ca, May 11

#### Coaches rigged rosters

Coaches at Connecticut's Quinnipiac University manipulated some men's team rosters in 2007-08 in order to meet gender equity goals, athletic director Jack McDonald said in court in early May. The coach and some members of the school's women's volleyball team have launched a lawsuit accusing the school of failing to provide female students with equal opportunity for participation in varsity intercollegiate athletics. Coach Robin Sparks testified that some coaches dropped male players from their squads before their season started in order to make the school's teams appear more gender balanced in reports to the federal Department of Education. Mr. McDonald says that the issue has been addressed and that the school's administration did not condone adjusting the rosters to meet gender equity goals.

Connecticut Post, May 13

Compiled by Kate Archibald-Cross

## **IN BRIEF**

### Mathematics student wins André Hamer Prize

Helen Alexander, a Queen's Master's student in Mathematics and Statistics, will receive the National Science and Engineering Research Council's (NSERC) André Hamer Postgraduate Prize.

Ms Alexander is being recognized for her work focusing on the nature of human interactions to determine the probability of a zoonotic disease infecting large groups of people.

Zoonosis refers to any pathogen that can travel from a vertebrate to a human: avian bird flu is an example. Using a mathematical model, Ms Alexander is constructing "contact networks" that recreate the interactions of a population. Her model could help determine what measures should be taken to contain and control the spread of diseases. This, in turn, could give rise to changes in public policy about how cities and countries can avoid an epidemic taking hold of a population.

The \$10,000 André Hamer prize will be presented to Ms. Alexander at a ceremony in Ottawa next month. Art McDonald, Queen's professor of Physics and leader of the Sudbury Neutrino Project (SNO) established the prize in 2004 with funds he received from the Gerhard Herzberg Canada Gold Medal for Science and Engineering. Dr. McDonald named the prize in memory of a very promising young colleague who passed away in 2003

# CORE event focuses on exercise and health

The Centre for Obesity Research & Education (CORE) will present internationally recognized speakers on the theme "Exercise is Medicine" at a professional symposium to be held on campus Tuesday, June 9.

Accredited by the College of Family Physicians of Canada, the event is free. Space is limited to 450. At press time there were still 50 places available. Advance registration is required.

"The symposium will be of particular interest to physicians, allied health practitioners and health promoters, but all are welcome to attend," says CORE director Robert Ross, a professor in Queen's School of Kinesiology and Health Studies. Noting that physical inactivity is a primary determinant of chronic disease, he adds: "This will be a great opportunity for health professionals and others who are dealing with the dire consequences of obesity to hear top experts in the field explore this issue."

Topics range from "Exercise and health ... Is more always better?" to "Physical activity for people with diabetes" to "The scientific basis for physical activity guidelines."

physical activity guidelines."

Launched in 2007, CORE brings together representatives from the regional and provincial public health care communities with Queen's experts who have a shared focus on obesity and related conditions. It provides accessible, continually updated information for both the community and academia.

For more information, and registration details, visit www.corecanada.net

# Philosophy and Biology profs win Premier's Discovery Awards

Two of the five prestigious Premier's Discovery Awards for 2009 have been won by Queen's researchers

Philosophy professor Will Kymlicka is the recipient of the \$250,000 award for Social Sciences, while biologist John Smol will receive \$500,000 in the field of Life Sciences and Medicine.

"It is extremely gratifying for Queen's to be so strongly represented in this elite group of Canadian researchers," says Vice-Principal (Research) Kerry Rowe. "This is truly an outstanding achievement, both for Dr. Kymlicka and Dr. Smol and for the university itself, and yet another indication of the excellence and depth of scholarship at Queen's."

Canada Research Chair in Political Philosophy, Dr. Kymlicka is renowned for his work on the role of minority rights within liberal-democratic theory. In more than 200 publications, he has explored both the theory and practice of liberal-democratic multiculturalism. Dr. Kymlicka's expertise on issues of immigration, sub-state nationalism and indigenous peoples is widely sought by governments.

Calling him "the world's leading expert on multiculturalism and minority rights in democratic societies," the award citation notes that Dr. Kymlicka was the first to advance the idea that minority rights are fully consistent with the principles of individual freedom, non-discrimination and equal opportunity. "At a time when it was assumed that ethnicity would disappear as a result of modernization and secularization, rendering the issue of minority rights



GREG BLACK

Philosophy professor Will Kymlicka is a 2009 recipient of a Premier's Discovery Award. The other Queen's recipient is Biology professor John Smol.

outdated, Dr. Kymlicka's premise was nothing short of revolutionary," the citation states. "Today, it's widely accepted internationally and has transformed debates about multiculturalism in democratic societies on the global stage."

#### "This is truly an outstanding achievement."

Kerry Rowe

A Fellow of the Royal Society of Canada, and of the Canada Institute for Advanced research, Dr. Kymlicka received the Killam Prize in 2004 and was awarded a Trudeau Foundation Fellowship in 2005. His work remains rooted in a commitment to understanding the Canadian experience with diversity, and he has written extensively on the historical origins and future prospects of the "Canadian model" of governing diversity.

Noting the extent to which Ontario has become much more diverse – not only by waves of immigration from around the world, but also by the voices of Aboriginals and Franco-Ontarians – Dr. Kymlicka said, "It's been a privilege to have been supported in my research efforts to understand this unique and complex story, and to

consider its potential for illuminating some of the most pressing problems of the modern world. I am grateful for the opportunity that this award offers in allowing me to continue and expand my work in this field."

Dr. Smol, who received a 2009 Killam Prize earlier this month and a 3M Teaching Fellowship in January, is Canada Research Chair in Environmental Change and is considered one of the world's leading environmental scientists. Noting that Dr. Smol has spent his career studying the effects of humans and nature on aquatic ecosystems, his Discovery Award citation states: "His innovative approaches have provided important insights into acid rain, climate change, biodiversity, fisheries, contaminant transport and other lake and river management issues, and led to the development of applications for effective ecosystem management." The citation notes that Dr. Smol has won more than 30 national and international awards, spanning the fields of biology, environmental and aquatic science.

Upon receiving this latest award, Dr. Smol said, "Working in an outstanding country, at an outstanding university and with outstanding students and colleagues, I fully acknowledge that these awards are team efforts. However, I can assure the Ontario government and the taxpayers that this new research money will be well spent. Sadly, if you work in an environmental field, there is no shortage of work and new problems to deal with. We have lots to do, and now can pursue this work even more aggressively."

# Health research projects receive \$2.85 million

By JEFF DRAKE

Two innovative health research projects have received a total of \$2.85 million in Canadian Institute for Health Research (CIHR) funding.

A trans-disciplinary cancer research program offering unique opportunities for investigating factors that affect cancer control in Canada has received \$1.95 million.

"This program is producing high-calibre cancer researchers and leading edge expertise that Canada needs in our battle with the disease," says Lois Mulligan, professor of Pathology and Molecular Medicine, principal investigator of the new grant and director of the training program. "Thanks to this fund-



JEFF DRAKE

Ted Nagaria, a graduate student in Pathology & Molecular Medicine and member of the transdisciplinary cancer research program, works in the Queen's Cancer Research Institute.

ing, our program will continue to expand over the next six years, providing young investigators with training and hands-on experience in transdisciplinary research while broadening their perspective on cancer."

The Terry Fox Foundation Training Program in Transdisciplinary Cancer Research at CIHR provides opportunities for students, clinicians and fellows to work with scientists in a variety of disciplines researching the molecular, clinical, social and economic implications of cancer, allowing them to target the disease from cause to clinic. This program is also funded by the Terry Fox Foundation.

#### "This program is producing high-calibre cancer researchers and leading edge expertise."

Lois Mulligan

A separate study to develop educational resources to better integrate preschool children with developmental disabilities into elementary school has received \$900,000.

"Past research has focused on children with developmental disabilities in elementary school, but we don't know a lot about preschool aged children," says Psychology professor Patricia Minnes, lead researcher on the project. "If we can gather information early, before these children transition



Psychology professor Patricia Minnes.

into school, we can promote social inclusion right from the beginning."

HELPS Inc. – a team of parents, researchers, health professionals, teachers and university students in five cities and four universities across Ontario, Quebec and Nova Scotia – will follow 300 families who have preschoolers with developmental disabilities.

Data on the challenges and successes of these children in social, recreational and educational settings collected over three years will guide the development of educational resources for teachers, parents and professionals. Aimed at improving inter-professional and parent partnerships, the resources will lead to more effective social inclusion for these children.

The study is funded by CIHR and the Bloorview Children's Hospital Foundation.

# Research team debunks massage after exercise myth

By STEPHANIE EARP

Researchers from the School of Kinesiology and Health Studies have discredited the popular conviction that massage after exercise improves circulation to the muscle and helps remove lactic acid and other waste products.

"This dispels a common belief in the general public about the way in which massage is beneficial," says professor Michael Tschakovsky. "It also dispels that belief among some health professionals.

"I have spoken with a number of health professionals in private practice who, when asked what massage does, answer that it can increase muscle blood flow and helps get rid of lactic acid," Dr. Tschakovsky says.

"Ours is the first study to challenge this and rigorously test its validity"

The belief that massage aids in the removal of lactic acid from muscle tissue is so pervasive it is listed on the Canadian Sports Massage Therapists website as one of the benefits of massage, despite there being no scientific research to back this up.

Kinesiology MSc candidate Vicky Wiltshire and Dr. Tschakovsky set out to discover if this untested hypothesis was true, and their results show that massage actually impairs blood flow to the muscle after exercise, and that it therefore also impairs the removal of lactic acid from muscle after exercise.



JEFF DRAK

Kinesiology and Health Studies professor Michael Tschakovsky with MSc candidate Vicky Wiltshire.

# Plastic proof piles up on ocean garbage quest

By NANCY DORRANCE

After sailing 40,000 kilometres around the world and conducting studies in 16 countries, Civil Engineering graduate student Bryson Robertson says the verdict is in on his international quest to catalogue ocean garbage – and the picture isn't pretty.

"The database we're accumulating, along with our own first-hand accounts of beaches, presents irrefutable evidence as to the polluted state of our oceans," says Mr. Robertson, who is using the multiyear voyage to complete his PhD. "It's a global problem requiring global co-operation."

Called the OceanGybe Global

Research and Outreach Expedition, the Queen's research project is documenting and recording the effects of marine pollution, as well as studying the effects of topography on the breaking characteristics of ocean swells. The crew departed from Mexico on their boat, Khulula, in May 2007 and spent most of that year sailing across the Pacific Ocean to New Zealand, where they spent the winter. In the spring of 2008 they continued their journey to Indonesia, and in October headed west across the Indian Ocean to South Africa.

On a tiny atoll 1,600 kilometres west of Bali and down-current from Indonesia, the team discovered

some of the most polluted beaches of their trip. Despite the fact that more than 1,000 residents along the coral reef produce very little garbage themselves, the beaches are ankle deep in sandals, water bottles, plastic toys and other items of 21st-century consumerism, Mr. Robertson reports – all carried downwind from Indonesia.

"Standing on what should be one of the most pristine beaches on earth, watching garbage and plastic refuse wash up the beach in the shore break, will forever be etched in our minds," he says. "No matter how much they cleaned up the beach, the ocean spilled forth more and more plastic jetsam and filled

the cleared areas with new plastic trash "

After a whirlwind two-month stay in South Africa, during which the crew spoke to more than 3,000 high-school students in Cape Town, Khulula set sail again, this time crossing the Atlantic Ocean. The crew dropped anchor at a UN-ESCO-protected national park in a Brazilian archipelago called Fernando de Noronha, where local researchers showed them the effects of plastic pollution to the turtles, dolphins and protected mangroves on the island.

#### "It's a global problem requiring global co-operation."

 $Bryson\ Robertson$ 

"During a 10-kilometre beach clean-up walk, we discovered plastics from all over the world," says Mr. Robertson.

"It illustrated the fact that, due to their equatorial location, Fernando becomes the resting place for garbage from both the northern and southern hemispheres, as well as the eastern and western Atlantic."

Recently the OceanGybe has teamed up with a researcher at the International Pellet Watch Program based out of the Tokyo University of Agriculture and Technology. This lab analyzes types and quantities of organic pollutants that are trapped in plastic pellets as an indicator of ocean pollution. The OceanGybe crew will send collections of PET plastic pellets to be analyzed, as they continue their own international pollution probe.

OceanGybe updates can be found at: www.oceangybe.com

## **IN BRIEF**

# Database increases funding access

The Office of Research Services has re-established Queen's membership with the Community of Science, a database that notifies researchers of external sources of funding and subsidy opportunities relevant to their field. Useful for researchers in the sciences, humanities and arts, the database contains 400,000 research funding programs and almost 480,000 research profiles from more than 1,300 universities, government agencies and other R & D organizations.

Researchers can use the network to publicize their research capabilities, identify peer reviewers, discover prospective collaborators for ongoing research projects and manage their CVs on-line. All faculty members, research associates, graduate students and postdoctoral fellows at Queen's can publish research profiles in the database.

For more information, contact Tom Herra in the Office of Research Services, at herra@queensu.ca

# Energy and power research centre launched

A new Queen's centre will enhance the university's reputation for leading-edge energy and power electronics research and innovation. The Centre for Energy and Power Electronics Research (ePOWER) will also attract a wide range of academic and industrial researchers and collaborators as well as talented and motivated graduate students. ePOWER's interim director is

ePOWER's interim director is Praveen Jain, Canada Research Chair in Power Electronics. Researchers include Yan-Fei Liu, Paresh Sen and Alireza Bakhshai of the Department of Electrical and Computer Engineering, and Steven Harrison, director of the Solar Calorimetry Lab and professor of Mechanical and Materials Engineering.

"Fundamental and applied research conducted at ePOWER will develop new energy-efficient, cost-effective and environmentally-friendly power electronic technologies," says Dr. Jain. "Energy costs are growing, and power electronics play a significant role in conserving energy and protecting the environment."

ePOWER will bring together researchers to develop a broad range of applications and expertise.

# Canadian Cancer Society funds three researchers

Researchers working with bone cancer, lung cancer and oral cancer will receive more than \$1.2 million in cancer research funding from the Canadian Cancer Society.

Jeremy Squire (Pathology and Molecular Medicine) will receive \$668,680 over five years to advance his research in osteosarcoma, the bone cancer that killed Terry Fox.

Andrew Craig (Biochemistry) will receive \$382,500 over three years to contribute to knowledge that could lead to new and more effective ways of treating lung cancer.

Patti Groome (Community Health and Epidemiology) will receive \$158,600 over two years to study the frequency and type of doctor visits for oral cancer patients.



COURTESY OF BRYSON ROBERTSON

PhD student Bryson Robertson surveys plastic residue on what should be an idyllic Indonesian coral reef.

## **IN BRIEF**

## Queen's has new customs broker

Queen's new customs broker is Thompson, Ahern and Co. Ltd.

A full service customs brokerage provider, the firm has the technology, resources and infrastructure essential to maintaining a customs compliant environment at the uni-

The change will result in a substantial savings in brokerage fees and more integration of electronic records management processing. Strategic Procurement Services has notified the university's high volume suppliers, and all departments will participate in informing international suppliers of the change.

Department contacts should ask their suppliers to update their records with the new information.

Detailed information on the changes can be found at www .queensu.ca/procurement/news /CustomsBrokerMay.html

### SPS hosts First Nations conference

Register now for the School of Policy Studies's 2009 First Nations Conference: Mineral Resources and Aboriginal Lands, which takes place June 14 and 15. The conference provides a unique meeting place to explore public policy challenges and build relationships among First Nations people, industry and government.

To register, visit www.queensu

# Experts address intervention in Sri Lanka, Canadian seal hunt, paper-backed assets

## QUEEN'S IN THE NEWS

Highlights of Queen's experts in the

■ May 5 – 15

#### International

Gerald Evans (Infectious Diseases) – Travel to Mexico during H1N1 outbreak, in the Wall Street Journal, Vancouver Sun and on Smart-Money.com.

Meredith Chivers (Psychology) -Sexual response research, in Süddeutsche Zeitung, Germany.

Mike Tschakovsky (Kinesiology) -Massage after exercise, in the Times of India, Toronto Sun, Kingston Whig-Standard, Sudbury Star, Sault Star and on CBC Radio Ontario Morning and FoodConsumer.org. Sharryn Aiken (Law) - Canadian academics' campaign for government intervention in Sri Lanka, in the Hindustan Times, and CHQR Radio Alberta.

#### Globe and Mail

John Smol (Biology) – Receiving a Killam award, also in the National Post, Montreal Gazette, La Presse Canadienne, Kingston Whig-Standard and on Ottawa Citizen online, CBC Radio All in a Day, CBC.ca and

Nick Bala (Law) - Parental alienation cases draining court resources.

National Post Arthur Milnes (Centre for Democ-





racy Studies) - Canadian seal hunt. Elspeth Murray (School of Business) - High-performance advisory

#### Toronto Star

Kim Richard Nossal (Political Studies) - Star Trek's Prime Direc-

Udo Schuklenk (Philosophy) and Christine Overall (Philosophy) -Ethics of being a parent.

#### Ottawa Citizen

Thomas Axworthy (Centre for Study of Democracy) – Examining former German chancellor Helmut Schmidt.

#### Broadcast

Louis Gagnon (Business) - Natural gas price, on Business News Network; and commercial paperbacked assets on Désautels Radio-Canada, Radio Canada Le Telejournal, L'heure des comptes Radio Canada and TV5.

Ned Franks (Political Studies) MP Ruby Dhalla's appearance at the ethics commission and parliamentary committees, on CBC Radio Toronto, Vancouver, Quebec City, Edmonton, Winnipeg, Cape Breton, Whitehorse and Yellowknife.





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food.

Ieremy Squire (Pathology and Mo-

lecular Medicine), Patti Groome

(Community Health and Epidemi-

ology) and Andrew Craig (Bio-

chemistry) - Their Canadian

Cancer Society funding, in the Kingston Whig-Standard and on

Alex Lithwick (Commerce Stu-

dent) - Tough job markets for grad-

uating students, on Business News

David Gordon (Urban and Re-

gional Planning) – New urbanism in Markham on TVO's The Agenda.

Barrie Frost (Biology) – Monarch

butterfly migration; also how

robins detect earthworms in the

Joe Burley (Psychiatry) - Working

in rural and small-town mental

Victor Pakalnis (Mining Engineer-

ing) - Recent changes to the min-

Glenn Brown (Family Medicine) -

Health ministry doctor hiring

Catherine Krull (Sociology)

Elaine Power (Kinesiology and

Health Studies) - Fortified junk

Queen's Cuba conference.

health care, also in the Sault Star.

Kingston Whig-Standard

Montreal Gazette.













Overall

Schuklenk

#### Other Print

Thomas Courchene (Economics) -Creating a Toronto-Montreal megaregion, in the Montreal Gazette.

Robert Montgomerie (Biology) How robins detect earthworms, in the Montreal Gazette.

Roger Ware (Economics) - Federal regulation of credit and debit cards, in the Vancouver Sun, Victoria Times Colonist and Regina Leader-

Robert Ross (Kinesiology) - Nurseled weigh-in programs in the Atlanta Journal Constitution; and obesity treatment, in the Canadian Medical Association Journal.

Stephanie Compiled by earps@queensu.ca, and Jeff Drake, drakej@queensu.ca



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# Hans Eichner remembered as an inspiring teacher and scholar

Hans Eichner, a brilliant scholar who taught for many years in the Department of German, died April 8 at the age of 87.

Professor Eichner grew up in Vienna in the predominantly Jewish Leopoldstadt district. After Hitler annexed Austria in 1938, he fled to England, and was then sent to an internment camp in Australia. He often said that at the "camp university" set up by the detainees, he received the education that had been denied him as a Jew in Aus-

On his return to England, he enrolled in the University of London while working during the day. He received his BA in Mathematics, German and Latin in 1944, his BA Honours in German Language and Literature in 1946, and his PhD in German Literature in 1949. He taught at Bedford College, University of London from 1948 to 1950, and then took a teaching position at Queen's. In 1967, he moved to the University of Toronto and chaired its German Department from 1975 to 1984.

Over the course of his long and distinguished career, Professor Eichner received numerous honours. They include election to the Royal Society of Canada (1967), the Gold Medal of the Goethe Institute Munich (1973), an honorary LLD from Queen's (1974), University Professor at the University of Toronto (1981), the William Riley Parker Prize of the Modern Language Association of America (1982), the Hermann Boeschenstein Medal of Canadian Association of



KARI GRIMSTAD

Hans Eichner, a former professor in the Department of German, enjoyed a long and prolific career.

University Teachers of German (1988) and an honorary LLD from the University of Toronto (2003).

A brilliant and prolific scholar, Professor Eichner published and edited several books and articles on German literature ranging over two centuries, from Goethe to Thomas Mann. He had an international reputation as a scholar of German Romanticism. In particular, his work on Friedrich Schlegel, which included several books, many articles and the co-editorship of the historical-critical edition, made him a leading authority on that author. It was during his time at Queen's that published his edition of Friedrich Schlegel's Literary Notebooks (1957), the work that established him as an expert on Schlegel, as well as his much-read introduction to the work of Thomas Mann, first published in 1953.

He was an inspired teacher who instilled a love of literature in many students, and he had a remarkable success rate as doctoral supervisor.

Hans Eichner was also a literary author. While in London, he published poetry, and, much later, wrote a novel, Kahn & Engelmann, a tribute to the Austrian Jewish community. It appeared in hardcover in Austria (2000) and as a paperback in Germany (2002). An English translation is about to be published by Biblioasis.

#### He was an inspired teacher who instilled a love of literature in many students.

There was another side to Hans Eichner. He loved rock-climbing, badminton and sailing. And he was extremely fond of his island in the Rideau Lakes district of Ontario, where he spent many summers and where he did much of his writing.

A celebration of his life will be held in Guelph in September.

Hartwig Mayer, a former colleague of Professor Eichner at the University of Toronto, prepared this tribute, with some input from David Pugh, head of the Queen's Department of German and a former student.

## IN BRIEF

## Three alumni make Globe's Top 40 under 40

Three Queen's graduates have made the 14th-annual Top 40 under 40 list, released earlier this

Presented by the Globe and Mail's Report on Business and Caldwell Partners, the list recognizes Canada's best and brightest business and social-services leaders.



Kinnaird

Kinnaird (NMBA'05) is regional vice-president of The Home Depot of Canada. Twelve years ago, Mr. Kinnaird was a lumber associate at Home Depot's Nanaimo.

British Columbia store, and now oversees 105 retail stores and more than 15,000 employees in Ontario, Quebec and Atlantic Canada.



Thomson

Scott Thomson (Artsci'92) is executive vicepresident, finance and Chief Financial Officer of Talisman Energy Inc. Mr. Thomson arrived at Talisman in July,

after spending five years at BCE as vice-president of corporate development. Prior to that he held senior positions at Goldman and RBC Dominion Securities. Josh



(EMBA, 2002) is executive vicepresident, human sources of Telus Corp. in Vancouver. Mr. Blair worked with BC Tel in engineering and infor-

mation technology, and also ran a start-up firm that was connected with Telus. In 2001, he accepted a position with Telus running their learning division, and has been there ever since.

www.top40award-canada.org

## Biology grad students host successful

conference

The Department of Biology hosted Ontario and beyond, at the 40th annual Ontario Ecology and Ethology Colloquium (OEEC) in April. Organized and hosted each year by graduate students at a different Ontario university, it was last held at Queen's in 2002.

The 2009 conference drew approximately 90 participants from more than 10 Canadian universi-

Well-known Canadian researchers, including Biology professor Paul Martin, delivered plenaries, and covered such diverse topics as the decline of fish fauna in African Rift Lakes and latitudinal trends in patterns of evolution. The organizing committee, headed by Martin Mallet, used biodegradable nametag holders and environmentally-friendly gifts such as USB keys and packages of native plant

# Maggie Berg named Chair in Teaching and Learning

## **PEOPLE**

Maggie Berg (English) is the recipient of the 2009 Queen's University Chair in Teaching and Learning. This award recognizes Professor Berg's distinguished accomplishments as a teacher and scholar of teaching and learning and her ongoing educational leadership, at Queen's and elsewhere.

During her three-year term, Professor Berg, in collaboration with the Centre for Teaching and Learning, will implement projects to enhance teaching and learning at Queen's. She will work on a collaborative project on the value of slowing down in the academy, with her colleague Barbara Seeber (Brock University).

"We want to explore the damaging effects of speed on an intellectual life which is driven by a consumer model of education that believes time is money, more is bet-



Maggie Berg



Bagg



Bergeron

ter, and value is what can be counted," she says.

Professor Berg loves to teach and draws strength from the enthusiasm, open-mindedness and com-

mitment of her students.

"Above all," she says, "I try to create a sense of community in the classroom, even in my first-year lecture of 200 students. I believe there is a strong affective dimension to learning, so I want the classroom experience to be pleasurable. My classes - even lectures - are driven by questions, because this is what constitutes intellectual inquiry.'

She looks forward to continuing to work with the Centre for Teaching and Learning, where she has found joy and inspiration in meeting others who take teaching seri-

St. Francis Xavier University bestowed an honorary degree upon Professor and Gray Chair in Particle Astrophysics, Arthur B. Mc-**Donald** (Physics, Engineering Physics & Astronomy) at spring convocation ceremonies on May 3.

Isaac Dwosh (Rheumatology) is the recipient of the Hugh Little Memorial Award by The Arthritis Society to recognize his more than 33 years of commitment to arthritis





McDonald

treatment and care.

Annette Bergeron (Business) has been elected president and chair of the Board of Directors of the Ontario Society of Professional Engineers (OSPE). For more information about OSPE, visit www.ospe.on.ca.

Sterling

Fourth-year student Alison Bagg is one of four winners of the annual Mayor's award for Youth Volunteerism. Ms. Bagg was diagnosed with Type 1 diabetes at the age of nine, and has dedicated herself to fundraising for juvenile diabetes research ever since. She is assistant captain for the Queen's Women's Varsity Hockey team and has volunteered with the Boys and Girls Club hockey program and at an orphanage in Ghana.

Professor Emeritus James Leith (History) was named a fellow of The Massena Society at a recent international conference in Savannah, Georgia. The award was presented by a Chevalier of the Legion d'Honneur for his work on French history in general and his research on French extremist groups in particular. (Incorrect information appeared in the April 27 People section.)

James Farmer (Ophthalmology)

who specializes in ocular pathology has been honoured by the Professional Association of Interns and Residents of Ontario (PAIRO) with an Excellence in Clinical Teaching Award. Along with his fellow PAIRO winners, Farmer will be honoured at a dinner this spring. PAIRO also makes a \$1,000 donation to the charity of each award recipient's choice. This is the second Excellence in Clinical Teaching Award bestowed by PAIRO to an ophthalmologist at Hotel Dieu Hospital. In 2007, pediatric ophthalmologist Brian Arthur was ho-

Student athlete Dee Sterling of Kingston was selected in the second round (12th overall) by the Edmonton Eskimos in the 2009 Canadian Football League draft.

Also drafted from Queen's were Osie Ukwuoma of Mississauga, Ont. and Thaine Carter of Nanaimo, B.C. Mr. Ukwuoma was selected 40h in the fifth round by the Calgary Stampeders while Mr. Carter was picked 45th in the sixth round by the Winnipeg Blue Bombers. With the addition of these three, the Gaels will have representation at all but three CFL training camps this spring. Presently only the BC Lions do not have a former Gael on their training camp roster. (Mike Giffin -Montreal; Rob Bagg Saskatchewan, Kevin Scott Saskatchewan; Matt Kirk – Hamilton and Bryan Crawford -Toronto). For more on the CFL Canadian draft, visit www.cfl.ca

People is an occasional feature that celebrates the achievements of Queen's community members. Email submissions to gazette@queensu.ca

ON CAMPUS

### For the Record

#### **Submission information**

Submissions will be edited to address style considerations and length and should be less than 200 words.

#### **Appointments**

#### **Pathology and Molecular Medicine**

Tom Williams, principal of Queen's, and Sherri McCullough and William Richard, chairs of the boards of directors for Hotel Dieu and Kingston General Hospitals announce that Alexander (Sandy) Boag has been appointed Acting Head of Pathology and Molecular Medicine at Queen's University, Hotel Dieu Hospital and Kingston General Hospital until December 31. Detailed announcement: www.healthsci.queensu.ca or meds.queensu.ca

#### Nursing

Principal Tom Williams announces that Jennifer Medves has been appointed Associate Dean (Health Sciences) and Director of the School of Nursing as of July 1 to June 30, 2014. Detailed announcement: www.healthsci.queensu.ca

#### **New Faculty Appointments**

Chandrakant Tayade, Anatomy and Cell Biology (May 1) Beatriz Alvarado Llano, Community Health and Epidemiology (April 15)

#### **Staff Appointments**

Posted at www.hr.queensu.ca May 8

Coordinator, Research Infrastructure Accounting

Financial Services, 2009-031 Young-Tae Kim (Financial Services)

Financial Coordinator, Research Ac-

Financial Analysis and Budget, 2009-

Louisa Montesano (Financial Serv-

Programs Assistant Faculty of Education - Registrar's Office, 2009-053 **Heather Moulton** 

Project Manager, Change Queen's University Administrative Systems Replacement (QUASR) Project, 2009-008

Ann Walski

Graduate Assistant Global Development Studies and Cultural Studies, 2009-050 Danielle Gugler (School of Graduate Studies)

Administrative Assistant Family Medicine, 2009-024 Tammy Parr (Family Medicine)

Animal Care Helper Animal Care Services, 2009-059 Rachele Donovan

Awards Officer and Analyst Office of the University Registrar (Student Awards), 2009-051 Ingrid Gagnon (Advancement Serv-

#### **May 15**

Undergraduate Assistant Psychology, 2009-049 Carmen Costa (Family Medicine)

Director, Annual Giving Department of Development, 2009-

Jodi Snowdon (Alumni Relations and Annual Giving)

#### **Committees**

#### **Principal's Advisory** Committee - Dean, Faculty of **Health Sciences and Director, School of Medicine**

Principal Tom Williams announces the membership of the committee to advise him on the present state and future prospects of the Faculty of Health Sciences and its leadership. Members are: Cynthia Baker, Associate Dean and Director, School of Nursing; Kris Bowes, Assistant to the Dean; Justin Brooks, MSc Physical Therapy student; Irène Bujara, University Advisor on Equity and Director, Human Rights Office; Sean

Conway, Acting Vice-Principal (Advancement); Elsie Culham, Associate Dean and Director, School of Rehabilitation Therapy; Patrick Deane, Vice-Principal (Academic) and chair; Ken Edwards, Clinical Teachers' Association of Queen's University; John Fisher, Head, Department of Physiology; Yaser Habeeb, Aesculapian Society (medical student); Paul Huras, Chief Executive Officer, South East Local Health Integration Network; John Jeffrey, Associate Dean, Clinical; Dale Kenney, President and Chief Executive Officer, Providence Care; Etien Leichner, Student Senator, Queen's Nursing Science Society; David Lillicrap, professor, Department of Pathology & Molecular Medicine; Susan Marlin, Associate Vice-Principal (Research); John McCans, SEAMO Representative; Kathy O'Brien, Assistant Director, Office of the Vice-Principal (Academic) and secretary; David Pichora, Interim Chief Executive Officer, Hotel Dieu Hospital; Leslee Thompson, President and Chief Executive Officer, Kingston General Hospital; Lewis Tomalty, Vice-Dean, Medical Education; Kim Woodhouse, Dean, Faculty of Applied Science. University community members who wish to comment on the present state and future prospects of the faculty and on its leadership may do so by May 29. Submit letters to Patrick Deane, Vice-Principal (Academic) at vpacad@queensu.ca. Respondents should state if they wish to have their letters shown, in confidence, to the members of the advisory committee.

#### **Principal's Advisory Committee - Dean of Faculty** of Education

Principal Tom Williams announces the membership of the committee to advise him on the present state and future prospects of the Faculty of Education and its leadership. Committee members are:

Cal Bowry, Manager, Continuing Teacher Education; Irène Bujara, Director of the Human Rights Office and University Advisor on Equity; Anita Davies, graduate student; Janice Deakin, Associate Vice-Principal and Dean, School of Graduate Studies and Research; Patrick Deane,

Vice-Principal (Academic) – chair; Chris DeLuca, President, Education Graduate Student Society; William Flanagan, Dean, Faculty of Law; John Freeman, Director, Social Program Evaluation Group; George C. (Skip) Hills, associate professor, Philosophy and Vice-Chair, Faculty Board; Amanda Leonard, President, Education Students' Society; Rebecca Luce-Kapler, professor, Graduate Faculty and Coordinator, Graduate Studies and Bureau of Research; Kathy O'Brien, Assistant Director, Office of the Vice-Principal (Academic) and Secretary to the Committee; Sandra McCance, Executive Assistant to the Dean; Ruth Rees, professor, Education; LeRoy Whitehead, associate professor, Education; Alan Wilkinson, term adjunct lecturer. University community members who wish to comment on the pres-

ent state and future prospects of the Faculty of Education and on its leadership may do so by May 29. Submit letters to Patrick Deane, Vice-Principal (Academic) at

vpacad@queensu.ca. Respondents should state if they wish to have their letters shown, in confidence, to the members of the advisory com-

#### Convocation

#### **Faculty invitation to spring** convocation ceremonies in **Grant Hall**

Tuesday, May 26 9:30 am School of Business (EMBA) **Guest Speaker: Andrew Dunin** 2:30 pm

Industrial Relations, Policy Studies, Urban and Regional Planning, Business (PhD, MSc, MIR, MPA, MPL,

**Honorary Graduand:** Arthur Britton Smith, LLD

Wednesday, May 27 9:30 am School of Business (BCom) Guest speaker: Robert Wardrop Faculty of Health Sciences Honorary graduand:

Dafydd Williams (DSc)

Tuesday, June 2

9:30 am

Faculty of Applied Science (Chemical Engineering, Engineering Chemistry, Electrical and Computer Engineer-

Guest speaker: John Gerretsen 2:30 pm

Faculty of Applied Science (Design and Manufacturing, Mathematics and Engineering and Mechanical and Materials Engineering)

Honorary graduand:

John Edward Broadbent, LLD 6:30 pm

Faculty of Applied Science (Civil Engineering, Engineering Physics, Geological Engineering, Mining Engineering)

Guest speaker: John Gerretsen

Thursday, June 4 9:30 am Faculty of Education Guest speaker: Brenda Hunter Faculty of Education Honorary graduand:

Monday, June 8

Kathryn Knowles, LLD

9:30 am

Faculty of Health Sciences (Nursing, Rehabilitation Therapy) and Faculty of Arts and Science (Drama, Film and Media, Music)

Guest speaker: Kip Pegley 2:30 pm

Faculty of Arts and Science (English Language and Literature, History) Honorary graduand: Ian Wilson, LLD

Tuesday, June 9

9:30 am

Faculty of Arts and Science (Art, Classics, Computing, French Studies, German, Jewish Studies, Linguistics, Philosophy, Religious Studies, Spanish and Italian)

Honorary graduand: William Buxton, LLD

2:30 pm

Faculty of Arts and Science (Canadian Studies, Economics, Political Studies, Women's Studies)

Honorary graduand: Patricia Monture, LLD

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Robert Sutherland Hall (Policy Studies Room 202) **Queen's University** 

> June 2, 2009 8:30am - 4:30pm

#### Free registration:

http://business.queensu.ca/centres/monieson/events/upcoming\_conferences.php





N CAMPUS

Wednesday, June 10 9:30 am

Faculty of Arts and Science (Global Development Studies, Psychology, Sociology)

Guest speaker: Ingrid Johnsrude 2:30 pm

Faculty of Arts and Science (Biology)

Guest speaker: Troy Day

#### Thursday, June 11

9:30 am

Faculty of Arts and Science (Chemistry, Environmental Studies, Geography, Geological Sciences, Mathematics and Statistics, Physics)

Guest speaker: Audrey Kobayashi 2:30 pm

Faculty of Arts and Science (Anatomy and Cell Biology, Community Health and Epidemiology, Life Sciences, Microbiology and Immunology, Neuroscience, Pathology and Molecular Medicine, Pharmacology and Toxicology, Physiology) Guest speaker: Ken Rose

#### Friday, June 12

9:30 am

Faculty of Arts and Science (Biochemistry, Kinesiology and Health Studies)

Guest speaker: Kim Nossal

2:30 pm Faculty of Law Guest speaker: Jock Climie

Assembly: The academic procession assembles 30 minutes before Convocation times in the Red Room in Kingston Hall (second level). Those joining the procession should complete the online form prior to May 26 at

www.queensu.ca/secretariat/convocation/RSVPform.html so that sufficient seats may be reserved. Call ext. 77927 or email

#### cowperth@queensu.ca

Academic regalia for procession: Queen's graduates who require a hood or gown should make arrangements 30 minutes before each ceremony with Lee Tierney (in 210 Kingston Hall). Members of the academic procession who are not graduates of Queen's will need to make their own arrangements; however, they can borrow a black gown from Lee Tierney.

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

#### **Human Resources**

#### **Milestones**

Compiled by Faye Baudoux If you have a milestone of 5, 10, 15, 20, 25, 30, 35, 40 years or more of continuous service coming up and you do NOT wish your name to be included in the listing, contact Faye in Human Resources at ext. 77791. Congratulations to those who reached the following milestones in May:

**40 years:** Susan Barsby, Central Technical Services.

30 years: Valerie Knapp, Stauffer Library; Wendy Moulton, Correctional Law Project; Joan Tremblay, Animal Care Service.

25 years: Kim Graham, ITS; Charles Hearns, Physics; Richard Palmer, OUR; Richard Primeau, Custodial Services; Nancy Wood, Research Services.

20 years: Margaret Bignell, Archives; Susan Blake, QUASR; Sherri Ferris, Custodial Services; Robert Fleming, ITS; Terry Gratto, OUR; Michael Murray, Custodial Services; Peter O'Neil, Custodial Services; John O'Shea, School of Business;

Continued on page 14

## **Queen's Pension Plan**

#### Quarterly Investment Report - March 31, 2009

#### **CAPITAL MARKETS**

Returns on investments in the various markets can be measured against a series of well-established indices. Index returns (in C\$) for the 3-month and 12-month periods ending March 31, 2009 are as follows:

	3 months 12 months		
S&P/TSX Composite (Canadian Stocks)	-2.0%	-32.4%	
MSCI World (Global Stocks ex Canada)	-10.4%	-29.0%	
DEX Bonds (Canadian Bonds)	1.5%	4.9%	
91 day T-Bills (Treasury Bills)	0.3%	2.4%	

#### QUEEN'S ASSET MIX

The investment managers have mandates established through a Statement of Investment Policies developed by the Pension Committee of the Board of Trustees. The policy asset mix is a long-term strategy mix which is used as a "benchmark" when measuring performance of managers.

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

Asset Class	S	Policy Mix	Current Mix
Stocks	Canadian	29%	26%
	Global (ex. Canada)	31%	30%
Regular Bo	onds	34%	38%
Private Del	bt	6%	6%
Cash		0%	0%

#### **QUEEN'S PERFORMANCE**

#### 1. Compared With Other Pension Plans

The fund returned -3.2% in the fourth quarter. This put the QPP in the third quartile of RBC Dexia's universe of pension funds. The one-year return of -20.7% was  $4^{th}$  quartile, the four-year return of 0.0% was  $3^{rd}$  quartile, and the ten-year return of 4.7% was  $2^{nd}$  quartile. The quartile breaks for RBC Dexia's universe are as follows:

	3 months	1 yr	4 yrs	10 yrs	
1st quartile	-1.7%	-13.4%	1.4%	5.2%	
Median	-2.5%	-16.3%	0.6%	4.5%	
3 <sup>rd</sup> quartile	-3.3%	-19.3%	0.0%	3.8%	
2. Relative to the Benchmark	3 months	1 yr	4 yrs	10 yrs	
Fund return	-3.2%	-20.7%	0.0%	4.7%	_
Benchmark return	-3.2%	-18.8%	0.5%	4.0%	

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

#### 3. General Comments

- Global equity markets continued to fall significantly in the first two months of 2009, but a strong rebound during the last three weeks of March provided optimism to financial markets.
- Most sectors in the Canadian equity market had strong returns in March, led by energy, financial, and materials, and the S&P/TSX Composite was only down 2% for the quarter.
- The Bank of Canada continued to cut interest rates again in the first quarter of 2009, dropping its target overnight rate by 1.00% to 0.50%. The Federal Reserve maintained its Federal Funds Rate to a targeted range of 0 0.25%, but declared its intention to buy long-term U.S. government bonds for the explicit purpose of keeping interest rates low.
- AllianceBernstein (global equities) was the best performing equity manager for the quarter, outperforming its benchmark by 1.4%. All Canadian bond managers were also above their benchmarks for performance.
- We currently hedge approximately 30% of our USD exposure back to Canadian dollars.
- The Canadian dollar closed at 79.28 cents U.S. at March 31, 2009, down 3.4% from 82.10 cents U.S. on Dec. 31, 2008.

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15 years: Ann Cinzar, Advancement; Catherine Lemmon, International Centre: Brenda Lesslie. VP (Research).

10 years: Keith George, Parking and Grounds; Healthier Grant, Orthopaedic Surgery; David Lay, Integrated Learning Centre; Dawn Lloyd, NCIC; Ryan Luney, ITS; Edward Maracle, Chemistry; Nancy Paul, Medicine; Edward Pritchard, ITS; Barbara Seamone, ITS; Richard Smith, QUASR; Jodi Snowdon, Development; Karen Somers, NCIC; Jill Trueman, Obstetrics and Gynaecology; David Wright, Campus Security. Five years: Shannon Deline, Financial Services; Susan Johnston, Biochemistry; Natalie Kolomeitz, University Veterinarian; Karoline Machado, University Veterinarian; Allison Mackey, Education.

#### **Employee Assistance Program**

For off-campus professional counselling, call toll free, 24 hours a day, seven days a week: 1-800-387-4765 (français 1-800-361-5676). Details: www.queensu.ca/eap

#### Staff job postings

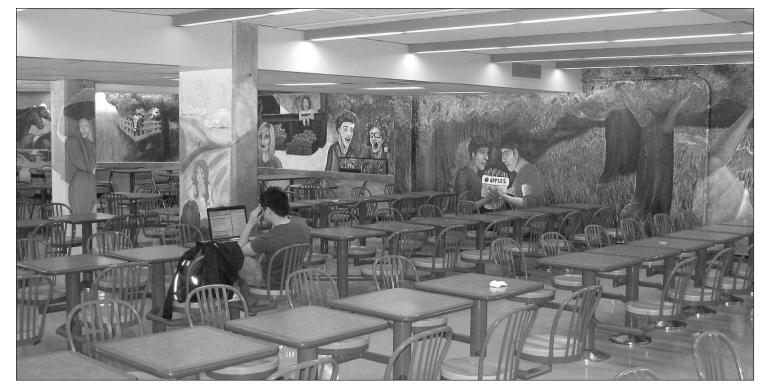
For staff job postings, visit www.hr.queensu.ca. The site is updated weekly on Fridays.

#### **Notices**

#### Security and crime prevention

Tips from Campus Security: Contact Campus Security if you see anyone suspicious or who looks out of place on campus - Emergency Report Centre at 36111 (internal) or at 613-533-6111 (external or cell), or by using

#### FROM FIELD TO FORK



Fine Art student Pansee Atta and a group of local high school students recently completed the imaginative murals that adorn the walls in the Mackintosh-Corry cafeteria. The theme of the murals is Field to Fork symbolizing the life cycle of food. The project was initiated by Queen's Housing and Hospitality Services.

any emergency phone, assistance phone, safety phone, or Bell pay phone (no-charge call) on campus. Watch for people loitering around entrances or exits who may try to "tailgate" their way in behind a key holder, and notify Campus Security immediately if you see this happening. Sign up to Campus Security's "Alert" list at www.queensu.ca/security - click on "Alerts" then "Subscribe to the Alert e-mail list serve."

#### Renewal, tenure and promotion applications

Under the terms of the collective agreement between Queen's and Queen's University Faculty Association for faculty, librarians and archivists, Aug. 15 is the deadline for regular faculty to apply for renewal, tenure or promotion; librarians and archivists to apply for renewal, continuing appointment or promotion; term adjuncts to apply for promo-

tion and a continuing appointment; and continuing adjuncts to apply for promotion. Members must notify their unit head of their intent to apply for renewal, tenure, continuing appointment, or promotion by

Members are referred to the following articles that refer to these procedures:

Article 24 - Employment Equity; Article 30 - Renewal. Tenure and Promotion for Tenure-Track and

Tenured Faculty Members; Article 31 - Renewal, Continuing Appointment and Promotion for Librarian and Archivist Members; Article 32 - Reappointment and Promotion of Adjunct Members.

#### **Honorary degree** nominations

The Senate Committee on Honorary Degrees invites nominations for honorary degrees at the 2010 convocations. Deadline: Aug. 14. Faculties

35 MINUTES FROM QUEEN'S

A Romantic Country Inn has changed hands but Jones Falls remains what Queen Victoria's daughter, Princess Louise. proclaimed was "by far the loveliest place in all of Canada."

#### THE FOOD

At the hands of Brad Cunningham, Executive Chef Managing, via the Savoy Hotel, London, and Rideau Hall, Governor General's Residence, Ottawa - something to look forward to!

Please come visit Historic

World Heritage Site on the Rideau at Jones Falls, Elgin

(613) 359-5500 www.hotelkenney.com



our 2008 contest, we invite you to

With the

overwhelming success of



#### Deadline for Entries: 11:59 pm (EDT), Friday, May 29, 2009



#### WIN a **Luxury Cruise** for Two!

Passage for 2 on the Ancient Wonders of the Mediterranean (September 11-21, 2009). Value of this package (with air from Toronto) is approximately \$14,000.

First place in each category will win a prize from Camera Kingston fotosource.

## People's Choice Award

Vote for your favourite photograph! Review and Gazette readers are invited to help us choose their favourite photo. Voting will take place June 1 to 19, 2009. Visit alumnireview.queensu.dollco.ca for full details.

Winner of this category will win a fabulous prize from Camera Kingston fotosource

The competition is open to all Queen's alumni, faculty, staff, retirees, and new grads (May or October 2009) Restricted to amateur photographers.

- People • Flora & Fauna
- Places Digital Illustration

Contestants are limited to one entry each per category For full details and to submit your entry, visit the Review

digital magazine at alumnireview.queensu.dollco.ca Winners will be announced and the winning photos published in the August 2009 issue of the Review

and the September 14, 2009 Gazette.

Luxury cruise and air provided by



QUEEN'S ALUMNI TRAVEL



Camera Kingston

ON CAMPUS

#### **Galleries and Museums**

#### **Agnes Etherington Art Centre**

University Avenue at Bader Lane.

Adults \$4, seniors \$2.50, Gallery Association members, students and children free. Free admission Thursdays and holiday Mondays.

#### **Exhibition tour**

45-minute tours covering highlights of our current exhibitions. Tours are free and admission is free for all every Thursday, 12:15 pm.

Bright Colours, Big Canvas: Jack Bush, Historical Feature and R. Fraser Elliot Galleries, to Oct. 25.

Ere ibeji: Twin Figures of the Yoruba, African Gallery,

Yves Gaucher: Transitions, Frances K. Smith Gallery,

Poet, Priest, Dauber: The Painter in the Renaissance and Baroque Eras, Bader Gallery, to May 9, 2010. Solo Studio-Watch Series: Lisa Visser, Study, Etherington House, to May 31.

Solo Studio-Watch Series: Su Sheedy, Study, Etherington House, June 13 to Aug. 2. www.aeac.ca

#### **Union Gallery**

Stauffer library, first floor. Main space: Without Persons, a large-scale video installation by Toronto's Luis Jacob. Project Room: Ecological Citizen and Growing Hungry, documentation of two off-site projects by art students Lisa Figge and Patricia Mader. To June 20. uniongallery.queensu.ca

#### **Museum of Health Care**

Ann Baillie Building, 32 George St.

Thursday, June 11

Bedpans to Breakthroughs - Adventures in Artefacts. A one-hour program and tour. 8:30–9:30 am. Confirm attendance: ilicm@kgh.kari.net or 613-549-6666 ext. 3915.

www.museumofhealthcare.ca

should coordinate their nominations by asking department heads to submit nominations directly to the dean of their faculty.

Details: www.queensu.ca /secretariat/HonDegre.html

#### **Snap Judgments photo** contest deadline extended

There is still time to give it your best shot - the deadline for this Queen's Gazette-Alumni Review photo contest has been extended until Friday, May 29. Details:

alumnireview.queensu.dollco.ca

### Calendar

Unless specified, all events are free and open to the public. For a comprehensive listing of campus events, visit eventscalendar.queensu.ca

#### **Lectures and Events**

#### Monday, May 25

**Kiwanis Community Lecture Series** Steve Vardy, Queen's graduate and Colin MacDougall, Queen's Civil Engineering professor, Green Buildings: Sustainable Development. 105 Miller Hall, 7 pm.

#### Saturday, May 30

#### **Athletics**

Fourth annual Queen's Greg Hulse Soccer Memorial, featuring Kingston region Senior Girls and Boys High School All-Stars. Richardson Stadium, 1 pm. Tickets at the PEC or at 613-533-2500. Details:www.kassaa.ca

## Sunday, May 31 and Monday,

#### Institute for Energy and Environmental Policy

Energy from Biomass in Ontario: Getting Beyond the Promise. Second-annual conference. Ban Righ. Details: www.queensu.ca/qieep /conference2/index.html

#### Tuesday, June 2

#### The Monieson Centre, Queen's Office of Research Services

Knowledge Mobilization and Grant Proposal Writing: A Researcher's Guide.

202 Robert Sutherland Hall (Policy Studies), 8:30 am-4:30 pm. Register: www.business.queensu.ca/centres /monieson/events/upcoming\_ conferences.php

#### Tuesday, June 9

#### Centre for Obesity Research and **Education (CORE)**

Professional medical symposium, Exercise is Medicine. Accredited by the College of Family Physicians of Canada, the event is free of charge but admission is limited and advance registration is required. Biosciences Complex, 1-5 pm. Details and registration: www.skhs.queensu.ca/core

#### **Calendar Submission** Information

The deadline for the Monday, June 15 issue is at noon on Monday, June 8. Email submissions to gazette@queensu.ca in the following format: Date, department, speaker's name, affiliation, title of talk, location, time. Contact for special needs. Please spell out

Those with information about accessibility needs for disabled persons should include details when they submit an event for publication. For information about planning accessible events at Queen's, visit www.queensu.ca /equity/accessibility.php

For news and information between issues, visit www.queensu.ca /newscentre.

## HELP LINES

**Campus Security Emergency Report Centre** 

613-533-6111

#### **Human Rights Office**

613-533-6886 Irène Bujara, Director

#### Sexual Harassment **Complainant Advisors**

Margot Coulter, Coordinator 613-533-6629

Chuck Vetere - Student Counselling 613-533-2893 ext. 77978

#### **Anti-Racism Complainant Advisors**

Stephanie Simpson, Coordinator 613-533-6886

Audrey Kobayashi - Geography, 613-533-3035

#### Anti-Heterosexism/Transphobia **Complainant Advisors**

Iean Pfleiderer, Coordinator 613-533-6886

Eleanor MacDonald, Politics 613-533-6631

#### **Coordinator of Dispute Resolution Mechanisms**

Please contact Harry Smith, Coordinator of Dispute Resolution Mechanisms, at 613-533-6495 for assistance or referral to an advisor.

#### Sexual Harassment Respondent Advisors

Paul Banfield – Archives ext. 74460

Greg Wanless - Drama

#### Anti-Racism Respondent Advisor

Ellie Deir - Education

ext. 77673

#### **Internal Dispute Resolution**

SGPS Student Advisor Program 613-533-3169

#### **University Dispute Resolution** Advisors - Students

Please contact Harry Smith, Coordinator of Dispute Resolution Mechanisms, at 613-533-6495 for assistance or referral to an advisor.

#### **University Staff Advisors**

lanet Cowperthwaite University Secretariat ext. 77927

Bob Burge - Faculty of Education

#### Freedom of Information and Protection of Privacy

Diane Kelly, Access and Privacy Coordinator 613-533-2211

**Accommodation and Wellness** Shannon Casteels, Workplace Advisor

## **Employee Assistance Program**

### 1-800-387-4765

**University Chaplain** Brian Yealland 613-533-2186

### Rector

ext. 77818

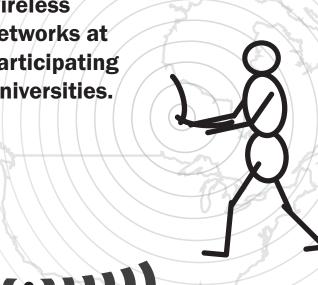
Leora Jackson 613-533-2733

Health, Counselling and **Disability Services** 613-533-2506

\* Internal numbers may be accessed from a touch-tone phone off-campus by dialling 613-533-6000 + extension number.



**Use your Queen's NetID** and password to securely access wireless networks at participating Universities.



www.queensu.ca/its



#### **TOURS**

June 10-16 NASHVILLE FAN FAIR (CMA MUSIC FEST) June 20,27, July 18 JERSEY BOYS June 20, July 30 St. Jacob's Day Trip

June 28, July 2,8 SOUND OF MUSIC

Stratford Festival: Cyrano de Bergerac and West Side Story July 2-3 Aug 3-6 Atlantic City. Stay at the Trump Plaza on the Boardwalk! Stirling Festival Theatre: Cats Aug 11 Aug 18 The Canadian National Exhibition: Let's all go to the Ex! Aug 20-23 QUEBEC CITY! Oh, la, la!! Discover the walled city! St. Jacobs Overnight Shopping Trip Aug 21-22

Cape Cod: Martha's Vineyard and Whale Watching Sept 14-18 Pennsylvania Amish Country Sept 14-17

Aug 17 Shopping: Syracuse & Watertown Shopping: Waterloo, N.Y. Over 100 Outlet Stores! Shop! Aug 16 Shop! July 24 Shopping: Vaughan Mills Mall & Ikea

New York City



Shop!

May 28-31 June 4-7 GG\* June 11-14 June 25-28 July 2-5 July 9-12 July 16-19 July 31- Aug 3

\$625

Aug 3-6 Aug 13-16 Aug 27-30

Sept 3-6 Oct 18-21 Sept10-13 Oct 22-25 Sept 17-20 Nov 12-15 GG Sept 24-27 GG\* Nov 19-22 Oct 1-4 Nov 23-26 Oct 8-11 Dec 29-Jan 1

Oct 15-18 **\$665** Double (\*\* GIRLS' GETAWAY)

#### June 28vs Philadelphia Phillies Boston Red Sox

**BLUE JAYS** 

July 19 vs July 26 vs Tampa Bay Rays Aug 23 vs Los Angeles Angels Sept 6 vs New York Yankees

\$89 NIGHT GAME: Aug 5 vs New York Yankees



**FAN FAIR** June 10-16

**GIRLS' GETAWAY to** New York City!

Includes Outlet Mall shopping June 4-7, Sept 24-27 Nov 12-15

NASCAR 2009

Pennsylvania 500

Aug. 2 Bristol Aug. 20-23 Dover Sept. 25-28

\*All tours include all taxes and services charges

566 Cataraqui Woods Dr., Kingston ON 613 384-0347

ALL TOURS LISTED @ WWW.GOMCCOY.COM

TICO REG. #50007364

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# Engineering students master mine rescues

By JEFF DRAKE

Picture this: There's a fire in a mine a mile below the Earth's surface, it's filling with smoke, visibility is zero, and people are missing.

A group of Queen's students now know what to do, thanks to a new course on mine safety, offered on campus for the first time. Several upper-year mining engineering students stayed for a week after spring term to complete the valuable course

"Some schools offer downloadable safety courses that you work on from your computer," says Mining Engineering professor James Archibald. "But this kind of handson, field training simply cannot be duplicated on a screen. It is an absolute necessity for these students."

During the first part of the week, students trained in a classroom. They learned how to detect different mine gases, assess cave-ins, operate complex breathing apparatus, work as a team and rescue trapped miners. Their final test took place in the basement of Goodwin Hall where a mock mine accident was constructed. They geared-up, checked their instruments and headed into the smoke-filled, simulated shaft to find, evaluate and rescue three "victims" who were quietly lying in the pitch-black conditions.

"We had 10 third- and fourthyear students taking this specialized class," says Mining Engineering professor Vic Pakalnis. "These students are now better equipped to deal with their own safety and the safety of others in this very important industry."

The Mines and Aggregates Safety and Health Association (MASHA) hosted the course. They provide mine safety training and support for the Mine Rescue Organization in Ontario.

Students who pass the course receive a certificate from MASHA and join a force of about 800 volunteers that fight underground fires and

rescue trapped or injured workers.
The mining industry in Canada
is among the safest in the world

and the Queen's Department of Mining Engineering is the largest in the country. The organizers of this year's event plan to have Queen's grads as safety advocates in every mine in Canada.

"These students are now better equipped to deal with their own safety and the safety of others in this very important industry."

Vic Pakalnis

"These mining engineering students will go on to be management," says Mining Engineering chief technologist Oscar Rielo. "This is important because they can enforce safety from the top levels. They will make the decisions on what happens inside the mines."

This first safety course was such a success that the department of mining engineering hopes to soon offer it twice a year, with sessions in the spring and fall.

www.mine.queensu.ca www.masha.on.ca



JEFF DRAKE Mining engineering students taking part in a new course on mine safety prepare to enter a simulated mine shaft in the

# Queen's camps offer fun and education

By KATE ARCHIBALD-CROSS

basement of Goodwin Hall

Your kids will be sure to love one of many summer camps that Queen's is offering this year! There is a camp for everyone, and focuses include sports, geography, computers, science, academics and more. Registration is now open for summer programming.

This year, the Faculty of Education launches its Curriculum Linked Interactive Camp (CLiC) summer camp, which offers interesting programming linked to all areas of the Ontario's school curriculum. Campers, aged seven to 11, will take part in activities such as design, construction and launch-

ing paper airplanes and stomp rockets, exploring and constructing geodesic domes, learning about the art and science of cooking, creating unusual pieces of artwork (using batik and three-dimensional sculpting), learning techniques employed by forensic scientists to explore fingerprints, bone fragments and other evidence, while at the same time developing their literacy and numeracy skills.

Camp instructors are qualified teachers who have graduated from the Bachelor of Education program, and the final camp activities will be determined by the ages and interests of participating campers.

COURTESY OF SCIENCE QUEST

Camps at-a-glance

Queen's Recreation camps For more information or to register for these recreation camps, call 613-533-6478 or visit www.gogaelsgo.com/

General sports camps Sports Camp, girls/boys ages 8-13, weekly Active FUN-damental Camp, girls/boys ages 5-7, weekly Swim and Gym Camp, girls/boys ages 8-13, June 29-July 3, Aug. 4-

Leader in Training Program, girls/boys ages 14-17, June 29-July 10, July 20-31
Field Sports Camp, girls/boys ages 8-13, July 6-10
Track and Tennis, girls/boys ages 8-13, July 27-31
Girls Inc., girls ages12 and up, July 13-17
½ Basketball and ½ Volleyball, girls ages 8-13, June 29-July 3

Sport-specific camps Junior Girls/Boys Basketball Camp, girls/boys entering Grades 5-8, Aug. 17-21 Senior Girls/Boys Basketball Camp, girls/boys entering Grades 9-12, Aug. 24-28 Fencing, girls/boys ages 10 and up, Aug. 4-7 Volleyball, girls/boys ages 10-15, Aug. 4-7 or Aug. 10-14 Football Camp, girls/boys entering Grade 7 and up, Aug. 10-14 Soccer Camp, girls entering Grade 7 and up, Aug. 14, 15, 16 Girls Hockey Camp, girls ages 5-10, Aug. 17-21 Girls Hockey Camp, girls ages 11-14, Aug. 24-28

Elite camps

Elite Co-ed Volleyball, girls/boys ages 16 and up, Aug. 7-9 Elite Girls Basketball, girls entering Grade 11 or 12, Aug. 24-28, evenings

Elite Boys Basketball: Junior Boys, ages 11-12, July 6-10; Intermediate Boys, ages 13-14, July 13-17; Senior Boys, ages 15-17, July 20-25; Post Development, boys ages 11-17, July 27-31; Guard Development, boys ages 11-17, July 27-31

Explore Camps, Department of Geography

9 am-4 pm, extended care 8 am-5 pm.

Explore Junior (SK-Grade 3): June 29-July 3, July 6-10, July 20-24, July 27-31, Aug. 17-21. Explore Senior (Grades 4-8): July 13-17, Aug. 4-7, Aug. 10-14. Details: 613-533-6122 ext. 77214 or www.geog.queensu.ca/Explore/in dex.asp

Future Quest, Queen's Theological College Aug. 8-22, ages 14-17, www.queensu.ca/theology/F\_Quest/index.shtml

Campers observe an electroplating experiment at last year's Science Quest camp.

Curriculum Linked interactive Camp (CLiC), Faculty of Education

July 6-17, July 20-31, Aug. 4-14, Aug. 17-28, ages 7-11. 613-533-6960 or outreach@queensu.ca

Queen's Engineering Society Science Quest/Computer Quest

Girls/boys and girls-only camps, Grades 4-8, various dates in July and August, 9 am-4 pm, or extended program, 8 am to 5 pm. Details: 613-533-6870, scienceq@engsoc.queensu.ca or www.sciencequest.ca

Arts and Science Undergraduate Society (ASUS) Summer Camps

Girls/boys, ages 4-10, 9 am-4 pm, extended care, 8 am-5 pm. Science Discovery Camp: July 13-17, July 27-31, Aug. 10-14, Aug. 24-28. Arts Adventure Camp: July 6-10, July 20-24, Aug. 4-7, Aug. 17-21. 613-533-6000 ext. 75441, www.asuscamps.com