



Don't rain on our berries! The threat of summer showers does not distract Erfan Aghadabi (Graduate Studies) and Bonnie Stewart (Research Services) from their scooping duties at the recent Queen's Staff Association annual Strawberry Social on the Summerhill grounds.

Queen's attracts two new Chairs

BY NANCY DORRANCE
NEWS AND MEDIA SERVICES

A physicist whose research is helping to explain the nature of the universe, and an expert in globalization and minority nationalism have joined Queen's as part of the federal government's Canada Research Chairs program. This brings to 15 the number of such chairs at Queen's.

John McGarry comes from the University of Waterloo, where he established a global reputation as

a scholar in the field of nationalism. As an established researcher, he will receive \$200,000 annually in research funding over seven years as Canada Research Chair in Nationalism and Democracy.

Anthony Noble is currently Associate Director of the Sudbury Neutrino Observatory (SNO) and adjunct professor at Carleton University. As an emerging researcher, he will receive \$100,000 annually in research funding over five years

New Chairs, page 2

High profile researchers named first Queen's chairholders

BY CELIA RUSSELL

Queen's has named 10 high-level researchers as the inaugural recipients of Queen's Research Chairs, a companion program to the Canada Research Chairs.

They are: Julian Barling (Business) recognized as the Canadian leader in organizational behaviour research; Jerome Bickenbach (Philosophy), a world-class investigator in the field of disability studies; John Cartledge (Electrical & Computer Engineering), an expert in lightwave technology; Janice Glasgow (Computing), a leader in the areas of artificial intelligence and biomedical computing; David Layzell (Biology), a renowned plant physiologist; Noel James (Geological Sciences), whose research focuses on sedimentology; Frederick Lock (English), whose scholarly work focuses on the relations between literature, politics and ideas in 18th-century Britain; Art McDonald (Physics), Sudbury Neutrino Observatory director, whose research centres on the use of the nucleus as a laboratory for the investigation of fundamental symmetries and interactions of nature; Ram Murty (Mathematics and Statistics), an expert in the application of analytic methods to the study of modular forms and elliptic curves and Dr. William Paterson (Medicine), who is recognized for his outstanding laboratory and clinical research on esophageal physiology and pathophysiology.

Chairs are for five-year, renewable terms and include an additional \$20,000 per year for research support. The program, approved by Senate in January 2002, recognizes individuals with distinguished accomplishments who maintain an exceptional level of activity in their research and scholarly work, having achieved international pre-eminence in their field.

The selection criteria are the same as those for Tier I Canada Research Chairs. Unlike the CRCs, distribution of Queen's Research Chairs is not tied to the granting council funding the university receives.

www.queensu.ca/vpr/vproffice.html

New era in engineering education begins

BY PETER AITKEN

Queen's has broken ground on construction of Beamish-Munro Hall, an initiative that will position the university as a leader in engineering teaching in North America.

"The Integrated Learning Centre (ILC) will put Queen's at the forefront of engineering education worldwide," Tom Harris, Dean, Faculty of Applied Science, told the audience at the groundbreaking ceremony June 26 behind Walter Light Hall. "We are not only looking forward to growth, but to an expanded leadership role among North American universities. Beamish-Munro Hall offers an exceptional infrastructure to improve learning effectiveness leading to markedly enhanced professional skills for our graduates."

The first of its kind in Canada, the \$25-million Integrated

Learning Centre will offer a fundamental change in approach to engineering education. Along with enhancing Queen's reputation as one of the top university engineering schools in Canada, it will provide an innovative multidisciplinary learning space for students integrating theory and practice, promoting team-oriented problem-solving skills and expose students to real-world engineering concepts and open-ended design projects.

As a "live building," the ILC

will be an interactive teaching tool. In most buildings, the mechanical, electrical and structural systems are carefully hidden from occupants. Here, a special effort will be made to ensure that parts of the fundamental building systems are made visible through transparent panels, and documented to facilitate learning.

Beamish-Munro Hall is named to recognize the leadership gifts of Queen's Engineering Alumni, *Engineering education, page 2*

Poll: privacy and the Web

BY LORINDA PETERSON
NEWS AND MEDIA SERVICES

In a recent News and Media Services web poll of staff, faculty staff and students, 55 per cent said they took no steps to protect their privacy while surfing the Internet.

The greatest invasion of privacy on the Internet is spam or unsolicited advertising email, says Andy Hooper, IT Services. Trying to stop spam is like trying to stop littering.

In March 2000, IT Services activated blocks on campus mail servers. However, the blocks prove less effective as methods to get around them become more sophisticated. Better blocks are very expensive, and may also block legitimate email.

Here are a few tips to protect

your privacy on the Internet and ease your spam frustration.

- You didn't cause spam to come to you. Don't take responsibility for it.
- Don't be upset by advertising sites that say you signed up when you know you didn't. This is a flat-out lie. Spam email lists are often generated by software that randomly puts names and server addresses together.
- If you receive an email message that appears from the subject tag to be spam, delete it without opening.
- Don't respond to a particular

Poll, page 2



Save a kilowatt, earn a buck

BY CELIA RUSSELL

Energy conservation pays – literally.

Although deregulation of the province's energy market means Queen's and other universities are paying about 20 per cent more for power than last year, there is a silver lining.

Simply flipping off the light switch when you leave a room could actually return money to university coffers.

On May 1, Ontario universities signed a three-year contract they negotiated with Ontario Power Generation to purchase electrical power at a fixed rate of five cents per kilowatt-hour.

Overall, it makes utility costs predictable for budgeting purposes and will result in savings in the long run for the institution,

says Tom Morrow, associate vice-principal, operations and finance.

"We have contracts for a fixed amount of power," he says. "So if we use less power in a day than we contracted to buy, the consortium can sell it on the spot market, and possibly for more money than we bought it for. For example, if we pay 5 cents per kilowatt hour and it sells for \$2 on the market, the \$1.95 difference would go back to the university."

It's too early to tell how much the university might gain from this, he says, but the conscious effort to conserve energy will pay off in the long run. As it is, the university expects to pay about \$6 million in energy costs this year, up from \$5 million last year.

Under the open energy market *Save a kilowatt, page 2*

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Support Queen's: buy a computer

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Chicken Little was wrong

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New Chairs

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as Canada Research Chair in Particle Astrophysics.

At Queen's, Dr. McGarry will study the phenomenon of minority nationalism and its relationship to globalization, and will research methods in which these minority nationalisms can be managed, both fairly and democratically, to reduce conflict. A central aim of the Chair, in conjunction with the Centre for the Study of Democracy, Centre for International Relations and the Institute of Intergovernmental Relations, is to establish the university as a national centre for

the graduate and post-doctoral study of minority nationalism and its management in the changing international environment.

Dr. Noble has played a key role in several landmark discoveries about neutrinos – tiny subatomic particles produced in weak interactions – at the international, Queen's-led laboratory located 6800 feet beneath the earth's surface. As a Chair holder, he will continue to work at SNO on key questions surrounding the properties of neutrinos and the implications for broader questions about the

nature of the universe.

"I am delighted that once again Queen's has been able to attract exceptional researchers and scholars through the Canada Research Chairs program," says Associate Vice-Principal (Research) Bruce Hutchinson. "Dr. Noble has recently been profiled in Time Magazine as 'one of the Canadians who define the new frontiers of science' and Dr. McGarry's pre-eminence in the field of identity politics is a tremendous enhancement to Queen's research strength in political studies and democracy.

We are exceptionally proud to count these individuals among our prestigious group of Chair holders."

Established in 2000, the Canada Research Chairs program is a \$900-million initiative to help Canadian universities attract and retain the best researchers and achieve research excellence in health, natural sciences, technology, social sciences, and humanities. Queen's is expected to receive a total of 57 chairs during the five-year program. □ www.chairs.gc.ca/english/profile/index.cfm

Engineering education

continued from page 1

Robert Beamish (Sc'60) and Don Munro (Sc'52).

The foundation for this project has been realized through the gen-

erous support of several individual donors and significant investment from the Ontario government's SuperBuild Corporation.

"Over the next 100 years, developing superior young leaders will make a critical competitive difference among countries

and regions," says Principal Bill Leggett. "This wonderful facility places Queen's in a strong position within the competitive environment of 21st century engineering education. This is a milestone facility for both the Faculty of Applied Science and the entire University that will benefit Canada and future generations of Queen's students."

Ceremony attendees included the Honourable Peter Milliken, M.P. Kingston and the Islands and Speaker of the House of Commons, Her Worship Isabel Turner, Mayor of Kingston, and members of Queen's senior administration. □ ilc.queensu.ca/



Celia Russell

Celebrating innovation: Provincial Deputy Minister Kevin Costante (Artsci'78, MPA'79), Ministry of Training, Colleges and Universities, Robert Beamish (Sc'60), Donald Munro (Sc'52) and Principal Bill Leggett put shovels to earth to signal the start of a new era in engineering education at Queen's. Beamish-Munro Hall, home of the Integrated Learning Centre (ILC), opens its doors in January 2004.

Gazette

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3 September	9 September

Save a kilowatt

continued from page 1

ket, introduced May 1, price fluctuates according to demand. Instead of contracts, some businesses have chosen to participate directly in the "spot market" in which bids and offers for electricity are submitted. □

Correction

In a June 17 *Gazette* article (*Four who have made a difference in the life of the university, page 3*) a sentence about Millard Schumaker should have read: "Although officially retired, Dr. Schumaker plans to continue as head of Theological Studies next year."

Poll

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address to remove yourself from a spam list. Your response serves to legitimize your address to the sender and you will receive even more spam in the future.

- Don't believe what you read in spam messages. They want you to think in a particular way so you will subscribe to, buy or do something you otherwise may not.
- Never give personal information to a stranger over the Internet.

NEW POLL

Have you been rethinking how you invest your money as a result of recent stock market accounting scandals?

Cast your vote at www.queensu.ca/newscentre

Going up... before your very eyes

Work continues on schedule at both new Queen's residence sites. Check out the progress on Queen's Residences' two new web cams. For another angle on the Stuart Street construction, see the live video cam from the Film Studies department. <https://housing.queensu.ca/constructionweb/webcams/cams.htm> www.film.queensu.ca/LiveVideo.html

Help Lines

Campus Security
Emergency Report Centre:
533-6111

Human Rights Office

533-6886
Irène Bujara, Director

Sexual Harassment Complainant Advisors:

Margot Coulter, Coordinator
533-6629

Millard Schumaker – Religion
533-2106 ext. 74323

Chuck Vetere – Student Counselling
533-2893 ext. 77978

Anti-Racism Complainant

Advisors:

Stephanie Simpson,
Coordinator 533-6886

Audrey Kobayashi – Geography,
533-3035

Anti-Heterosexism/Transphobia Complainant Advisors:

Julie Darke, Coordinator
533-6886

Eleanor MacDonald, Politics
533-6631

Coordinator of Dispute Resolution Mechanisms

Adrienne Clarke

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

Sexual Harassment

Respondent Advisors:

Paul Banfield – Archives
533-6000 ext. 74460

Mike Stefano – Purchasing
533-6000 ext. 74232

Greg Wanless – Drama
533-6000 ext. 74330

Anti-Racism

Respondent Advisor:

Ellie Deir – Education
533-6000 ext. 77673

Internal Dispute Resolution (Students & Staff):

SGPS Student Advisor Program
533-3169

University Grievance Advisors – Students:

Mel Wiebe – English
533-2153

Shirley Eastabrook – Nursing
533-6000 ext. 74755

Carol McKeen – Business
533-2326

University Grievance Advisors – Staff:

Jane Baldwin – Surgery
533-6302

Kathy Beers – Student Affairs
533-6944 ext. 74022

Sandra Howard-Ferreira
School of Graduate Studies
and Research
533-6100 ext. 77310

Gary Racine – Telecommunications
533-3037

Freedom of Information and Privacy Protection

Don Richan 533-2378

Employee Assistance Program 1 800 387-4765

University Chaplain:

Brian Yealland
533-2186

Rector
Daniel Sahl
533-2733

Student Counselling Service 533-2893

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

Improve the learning environment at Queen's: buy a laptop

BY NANCY DORRANCE
NEWS AND MEDIA SERVICES

Students, staff and alumni who buy IBM technology will also support Queen's learning environment, thanks to a precedent-setting agreement between the university and IBM Canada.

A percentage of sales to Queen's students, employees and alumni worldwide will be reinvested in technology resources on the Kingston campus. Projects

related to adaptive and special-needs technologies, and instructional technologies will get priority, and students will help decide how funds are allocated.

The unique corporate sponsorship gives Queen's a better discount structure and a volume-based rebate on all IBM equipment purchased. The contribution, along with a portion of the Campus Computer Store (CCS) revenue from alumni sales, will be

reinvested to enhance the quality and accessibility of the learning environment through a new Technology Sponsorship Fund. This will result in lower computer prices for Queen's students, added revenue to support technology on campus through the fund, and accessibility of computer products at discounted educational prices to more than 100,000 Queen's alumni worldwide, through a "virtual" computer store. Prior to the agreement, educational discounts were limited to current students and employees only.

"Creation of the new Technology Sponsorship Fund will enable corporations to recognize

the buying power of the Queen's community and use it to fund technology priorities on campus," says John Dixon, Associate Vice-Principal (Academic). "It will have a direct impact on the quality of the learning environment at Queen's." Funds will be allocated competitively to high-need technology projects at the university, including computers in classrooms, libraries, and laboratories, student bursaries, and support for academically related student activities.

This is the first of similar sponsorship arrangements Queen's is seeking with corporate partners to reinvest directly in the learning

environment using the buying power of students, staff and alumni.

"We are already completing negotiations with several other technology suppliers to sign similar agreements," says Brian Coughtrey, CCS marketing coordinator. "Our relationship with IBM dates back to the mid-1980s, so it's appropriate that IBM is the first technology company to come on board. For Queen's, this is a win/win/win situation: it will directly benefit our students and alumni, and there will be a ripple effect across the entire Queen's community." □

ccstore.queensu.ca



Don Aldridge, higher education solutions manager, IBM Canada, and Stephanie Beauregard, manager of Queen's Campus Computing Store, sign the new agreement between IBM and Queen's.

Come on in from the heat

Queen's Libraries has something new for all

BY BRENDA REED

Over the past year Queen's Libraries made major purchases that may not have been brought to your attention. Over the long, hot summer months we invite and encourage you to visit the Queen's library that meets your research needs and catch up on the latest acquisitions. If you prefer to scan the web for recent electronic resource purchases, point your web browser to library.queensu.ca and select *Library News!* for highlights and links.

Perhaps the most significant print acquisition of the year is *The International Encyclopedia of the Social & Behavioral Sciences* (2001), a 26-volume set that includes articles covering the full range of the social sciences. Researchers in education, women's studies, media studies, law, history, geography, psychology and sociology will want to know that this massive resource is now available at Queen's. For details on the *IESBS* and the 3,842 signed articles it contains see www.iesbs.com/index.html.

Historians and other researchers interested in the study of exploration will want to know that the W.D. Jordan Special Collections Library has received a generous donation of Canadiana from Albert H. Ruddell (Queen's Sc'52). A highlight of the collection is a first edition of Capt. George Vancouver's *A voyage of discovery to the North Pacific Ocean and round the world, 1790-1795*. Included are three volumes of the journal, along with a rare copy of the accompanying atlas in folio format.

New electronic resources for the Social Sciences & Humanities include *Palmer's Index to the Times of London, 1790-1905*, *Historical Index to the New York Times, 1851-1922*, *Godey's Lady's Book, 1830-1865* and *The Horn Book Guide Online* - this last offering online access to 40,000 reviews of children's books from 1989 to the present. The *PsycARTICLES*

Books and Bytes

database offers 27,500 searchable full-text articles from 49 journals dating back to 1988. Significant additions to the Government Documents collection include *CANSIM II* and the first releases of the *2001 Census*. *CANSIM II's* 800,000+ time series are accessible to Queen's researchers via Statistics Canada (ESTAT) or the University of Toronto (CHASS). Plus, access is now available to two electronic mapping resources, including files from Natural Resources Canada and the Geological Survey of Canada.

The *INSPEC* database heads the list of new resources for computing and information science, electrical engineering, physics, and for computer-related applications in all disciplines. For chemists and researchers in a host of fields, the interdisciplinary *SciFinder Scholar* is available in the Engineering & Science Library and for installation on your office computer. See library.queensu.ca/db_access/scifinder.htm. *SciFinder Scholar* includes *Chemical Abstracts* from 1947 to the present, *Medline* from 1969 to the present, and several related databases. Along with the traditional search capabilities it can be searched by chemical

structure and provides links to the full text of many journal articles and patents. Users of the *Web of Science* please note that we have increased our coverage as far back as 1990.

Health Sciences researchers have new access to many electronic resources, including *Harrison's Online*, *Lippincott's Clinical Choice* (37 core clinical textbooks) and *Scientific American Medicine Online*. This past year also brought the number of online full-text books on Ovid to over 50, and 26 notable full-text journals from the BMJ Publishing Group have been added to the rapidly expanding list of electronic journals in the Health Sciences.

Check the *Library News!* web page regularly for major acquisition announcements. *New Databases & E-Journals* are listed on a link from that page. Individual libraries may also feature major acquisitions on their own *What's New* pages, and/or have areas set aside within the library for recent acquisitions.

For more, contact a Public Services librarian, or Dianne Cook, Collection Development Co-ordinator, ext. 33040, cookdc@post.queensu.ca.

Brenda Reed is a Public Services Librarian in the Education Library. □ library.queensu.ca/libdocs/news/

Food and sandals pose hazards in the lab

BY CELIA RUSSELL

Sandals and food have no place in Queen's laboratories, reminds Dan Langham, Director, Environmental Health & Safety.

"We realize it's hot, but there's a difference between being hot and being safe. And we urge people to choose the latter."

In a recent inspection by the Canadian Nuclear Safety Commission, Queen's was cited numerous times for having food in laboratories, Mr. Langham wrote in a memo to department heads, safety officers and joint health and safety co-chairs. Inspectors also noted some personnel wearing sandals. Both contravene the Canadian Nuclear Safety Control Act and the Ontario Occupational Health and Safety Act.

Although no one was seen eating in the labs, inspectors noted evidence of food and drink in lab garbage receptacles.

"They don't want to see anything in the garbage," he says. "It's a contamination issue. If your lab work generates vapours or fumes, they can settle onto food. Splashes from experiments can also cause residue on lab bench surfaces. This can contaminate hands and food in contact with those surfaces. If you ingest chemicals, they get into your system quicker and tend to act on the body faster."

To help rectify the situation, garbage receptacles have been installed in the hallways in Botterell Hall for people to dispose of food waste before entering a lab.

These rules apply not only to labs but also to any area where chemicals are used - welding and soldering areas, for example.

As for proper footwear, the hazard is clear.

"If a chemical spills, or if you are using glassware, a scalpel or needles - if any of that comes off the bench, you need protection on your feet."

Fortunately, there have been no reports of injury or sickness, he says. "We've been lucky so far. But accidents can happen when people become complacent. Our mandate is prevention and that's what it's all about."

These rules are not new, says Mr. Langham. But reminders are important, particularly in the summer when people dress more casually.

In the past, Environmental Health & Safety and departmental joint health and safety committees inspected labs at least once yearly, says Mr. Langham. Some departments inspect their office spaces more frequently. Environmental Health & Safety will be increasing their inspection frequency on campus to ensure compliance in these areas. □ www.safety.queensu.ca



www.ehs.queensu.ca



Health Sciences library

Courtesy of Queen's Libraries

HPCVL Super computer qualifies for elite international list

BY ANNE KERSHAW
NEWS AND MEDIA SERVICES

The Queen's-led High Performance Virtual Computing Laboratory (HPCVL) has made it onto an elite international list of super computers.

Announced recently at the International Super Computing Conference in Heidelberg, Germany, the debut of HPCVL as number 309 on the list of TOP 500 Supercomputer Sites puts it in the company of the world's most powerful and sophisticated computer sites.

"We are very excited about this achievement and to see how quickly HPCVL has become one of the premier high performance computing facilities in North America," says facilities executive director Ken Edgecombe.

HPCVL, a consortium of Queen's, the University of Ottawa, Carleton University and the Royal Military College, became fully operational in late 2001.

The Top 500 list, which provides a base for statistics on high performance computers, is updated twice a year at www.TOP500.org and uses performance benchmarks – measured in gigaFLOPS – to rate how computing facilities compare to other sites in the world. The benchmark provides an indication of the speed and performance of computer systems.

With a performance rating of 195.8 gigaFLOPS (GF), HPCVL

had no problem qualifying for the list.

But, says Dr. Edgecombe, the pace of change is staggering in the world of high performance computing. "The way things are developing, the high performance computing world is expanding so rapidly, our benchmark of 195.8GF would have placed us in the top 200 six months ago."

HPCVL provides Canadian researchers with much needed tools to keep them at the forefront of scientific achievement.

HPCVL resources facilitate research in proteomics, material simulations (artificial bone), computer-aided molecular design related to receptor affinity for new drugs, polymer physics, photonics, econometrics, computational fluid dynamics, psychology, chemistry, and other disciplines.

HPCVL membership has allowed the Sudbury Neutrino Observatory group to realize results more quickly, says HPCVL user and SNO researcher Aksell Hallin (Physics). "Previously, calibration data took two to three weeks to process. Now those same results can be achieved in a couple of days."

Utilization rates on HPCVL's facilities hit 93 per cent in March, indicating a pent-up demand for resources. Scientists are using more and more computational power to process problems that

until recently would have been unsolvable.

HPCVL is currently installing Sun Microsystems Sun Fire(TM) 15K servers at the central site at Queen's. Capacity will nearly double with this expansion, moving the central site from 192CPU's to 336 CPU's and 6.5TeraBytes (TB) of storage to 11.7 TB of storage. "With this expansion we will see even more Canadian researchers utilizing our facilities and user support. HPCVL is already the most powerful academic high performance computing facility in Canada," stated Dr. Edgecombe. "We are striving to be one of the best academic HPC research environments in the world."

The Ontario Research and Development Challenge Fund (ORDCF), the Canada Foundation for Innovation (CFI), and the Ontario Innovation Trust (OIT) fund HPCVL. It also has formed a major partnership with Sun Microsystems, and partnerships with Entrust, Inc. and IBM, to provide one of the best HPC environments for research in the world. HPCVL is a Sun Microsystems Center of Excellence in Secure Grid and Portal Computing and is building a secure grid environment and moving to secure portal-based interfaces, to enable researchers from anywhere access to the resources needed to conduct innovative research. □

Queen's in the News

Highlights of Queen's experts in the media Queen's News & Media Services

Through our proactive media strategy, Queen's News and Media Services identifies newsworthy faculty expertise and research to bring to the attention of the national media.

June 11 – July 8, 2002

In a *Maclean's* story about the crisis in quality of post-secondary education **Jo-Anne Brady** (Registrar) comments that Queen's has reached its capacity to grow and still provide quality education with current funding.

Comments from a paper by **Thomas Courchene** (Economics) about the federal government's economic policy decisions appeared in the *National Post*, *Toronto Star*, *Sudbury Star*, *The St. Catharines – Niagara Standard* and *Victoria Times Colonist*.

An unprecedented review by **Matthew Mendelsohn** (Political Studies) of Canadian public opinion on health care from 1985 to the present was cited in the *National Post*, *Ottawa Citizen*, *Kingston Whig-Standard*, *Montreal Gazette*, *Port Hope Evening Guide*, *Cobourg Daily Star*, *St. Catharines Standard*, *Calgary Herald*, *Edmonton Journal*, *Welland Tribune* and *Victoria Times Colonist*.

Stephen Scott's (Anatomy and Cell Biology) research and patented human robot which will aid in diagnostic testing for human stroke victims and help clarify the question of how the brain controls the body are featured in the *National Post*.

In a *National Post* editorial, **Douglas Bland** (Policy Studies) comments about U.S. participation in the quest for global security.

John Moore (Business) comments in a *Toronto Star* article about the resurgence of economic profit as a tool for measuring a company's financial performance.

Deborah Leighton (Industrial Relations) comments in the *Toronto Star* about the tensions between the city and the union due to the current city workers strike in Toronto.

David Gordon (Urban and Regional Planning) comments in a *Toronto Star* op-ed piece on growth in the Greater Toronto area.

Dr. Walter Rosser (Family Medicine) comments in the *Toronto Star* on the family doctor crisis in Ontario.

Research findings by **Paul Wiegert** (Physics) that there are 100 times fewer comets in the sky than scientists previously thought is covered by *CBC Radio's Ontario Morning*, the *Ottawa Citizen*, *CBC Online* and the *Kingston Whig-Standard*.

tification evidence in the legal system. He received his award at the recent CPA annual convention in Vancouver.

Keith Marchildon (Chemical Engineering) will be presented with the Professional Engineers Medal - Engineering Excellence at a Nov. 15 ceremony by the Ontario Professional Engineers. The medal recognizes association members who have contributed substantially to advancing the engineering profession and recognizes excellence in the practice of engineering.

The first award winners from the William M. Spear Endowment Fund for Pulmonary Research at Queen's University include **John Fisher** (Physiology), **Dr. Michael Fitzpatrick** (Medicine), **Dr. Lutz Forkert** (Medicine), **Poh-Gek Forkert** (Anatomy and Cell Biology), **Steve Iscoe** (Physiology), **Dr. Diane Lougheed** (Medicine), **Dr. Dennis O'Donnell** (Medicine) and **Larry Wolfe** (Physical and Health

John Smol (Biology) was interviewed on CBC Radio (Nunavut) about his recent research on climate and environmental change in the Arctic.

In a *University Affairs* story about barriers to postsecondary education, **Ross Finnie** (Economics) comments that enrolment has increased at the same time tuition has risen.

The hormone research of **Katherine Wynne-Edwards** (Biology) is covered in the *Ottawa Citizen*, on the front-page of the *Kingston Whig-Standard*, *Edmonton Journal*, and *Nanaimo Daily News*. She also comments in the *Toronto Sun* and *London Free Press* about breast cancer prevention and her research that will test for cancer risk factors in the saliva of 3000 Canadian teen-age girls.

Cinde Lock's (Education) 2000 study that found focusing on context for learning rather than on the skills themselves presents a different educational philosophy was cited in the *Ottawa Citizen*.

Peter Richardson (Business) comments in the *Toronto Sun* on document overload for management professionals.

Charles Beach (Business) comments in the *Kingston Whig-Standard*, *St. Thomas Times-Journal*, *Western Star* and *Nanaimo Daily News* on the Canadian Auto Workers' threat to pull thousands of members out of Ontario factories to bolster picket lines at a Chatham truck plant.

Paul Davidson (Psychology) discusses eye movement desensitization therapy (EMDR) in the *Barrie Examiner*, *Kamloops Daily News* and *Victoria Times Colonist*.

Gerald Walton (Education) comments in the *Guelph Mercury* about homophobic bullying in the schoolyard.

Gerald Wilde (Psychology) comments in a *Prince George Citizen* story about driver safety for teen-agers.

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

Check Queen's News Centre for daily Queen's in the News updates www.queensu.ca/newscentre □

Education). The Spear Endowment represents a remarkable opportunity to enhance the already successful Respiratory Research Node of the recently formed Cardiac Circulatory and Respiratory Program at Queen's.

Edward Thommes (Physics PhD 2001) won the Plaskett Medal of the Canadian Astronomical Society for the best PhD thesis in Canada on an astronomical topic. Dr. Thommes is now a post-doctoral Fellow at the University of California in Berkeley. He worked under the supervision of Martin Duncan of the Physics department Astronomy Group.

Larry Wolfe (Physical and Health Education) presented (with Michelle F. Mottola, University of Western Ontario) a mini-symposium entitled "Strenuous Exercise During Pregnancy: Is It Safe for Fit, Healthy Women?" at the recent annual meeting of the American College of Sports Medicine, St. Louis. □

People

Karen Steiner Bell (doctoral candidate, Education) has been awarded an Educational Associateship with the Developmental Consulting Program. She specializes in the education of individuals with autism and other developmental disabilities.

Lorne Carmichael (Economics) was presented with the H. Gregg Lewis Prize at the recent meetings of the Society of Labor Economists in Baltimore. The prize is for the best paper in the *Journal of Labor Economics* over the years 2000 and 2001. Worker Cooperation and the Ratchet Effect (joint with W. Bentley Macleod, a former Queen's colleague now at USC) was published in the January 2000 issue. It explores the reasons behind the gradual disappearance of piece rates as a payment system for workers in most Western manufacturing industries.

Alan Clark (Geological Sciences) has been awarded the Duncan R. Derry Medal, highest award bestowed by the Mineral Deposits Division (MDD) of the Geological Association of Canada. It is awarded annually to an outstanding economic geologist who has made contributions to the science of economic geology in Canada.

Michael Cunningham (Chemical Engineering) has won the Syncrude Canada Innovation Award of the Canadian Society of Chemical Engineering for distinguished contributions in the field of chemical engineering while working in

Canada. He receives his award at the CSChE conference in Vancouver, Oct. 20-23.

Michael Doggett (Geological Sciences) is the 2002 recipient of the Robert Elver Award, recognizing his significant contribution in the Canadian mineral economics field. He received his award recently at CIM Vancouver 2002 (Canadian Institute of Mining, Metallurgy and Petroleum).

At its convocation on June 1, 2002, Laurentian University conferred an honorary Doctor of Science degree on **George Ewan** (Emeritus Professor, Physics) for being the key founder of the SNO collaboration, which led to the establishment of the Sudbury Neutrino Observatory.

Noel James (Geological Sciences) has been honoured with the prestigious Twenhofel Medal by SEPM, the Society for Sedimentary Geology, the first Canadian scientist so recognized. This is the highest award of the 75-year-old organization of earth scientists. The medal acknowledges his outstanding and ongoing research on the origin of modern and ancient carbonate rocks, particularly appropriate in Kingston, the Limestone City. Not only are they beautiful building stones, they are also the main repositories of ancient life, host rocks for hydrocarbons and base metals and important subsurface aquifers for fresh water worldwide.

Christopher Knapper (Instructional Development Centre, Psychology,

Education) has won a 2002 3M Teaching Fellowship award. He was honoured at the recent Society for Teaching and Learning in Higher Education in Hamilton. 3M also recognized his outstanding contribution to instructional development in Canada by creating a new award, The Christopher Knapper Lifetime Achievement Award, and naming him the first recipient. The annual award, the only one of its kind in Canada, is given to individuals who excel in the teaching of their own courses and also demonstrate an exceptionally high degree of leadership and commitment to the improvement of university teaching across the country.

The Library Company of Philadelphia has awarded **Frank Lewis** (Economics) the prize for best journal article published in the field of early American economic history. Trade, Consumption and the Native Economy: Lessons from York Factory, Hudson Bay appeared in the *Journal of Economic History* (December, 2001) and is co-authored with Ann Carlos of the University of Colorado. The award will be presented at the Economic History Association Meetings in October.

Roderick Lindsay (Psychology) has been selected as 2002 recipient of the Canadian Psychological Association Award for Distinguished Contributions in the Application of Psychology. He is a scholar of international reputation within the area of psychology and law and has made major theoretical and empirical contributions to the application of psychology in improving the collection and use of eyewitness iden-



One less thing to worry about: the threat of falling comets

BY NANCY DORRANCE
NEWS AND MEDIA SERVICES

Chicken Little was wrong, astrophysicist Paul Wiegert says. Contrary to the dire warnings of the feathered forecaster from children's fiction, the sky isn't falling.

He and an international research team have discovered there are far fewer "dead" or dormant comets in our solar system than previously believed.

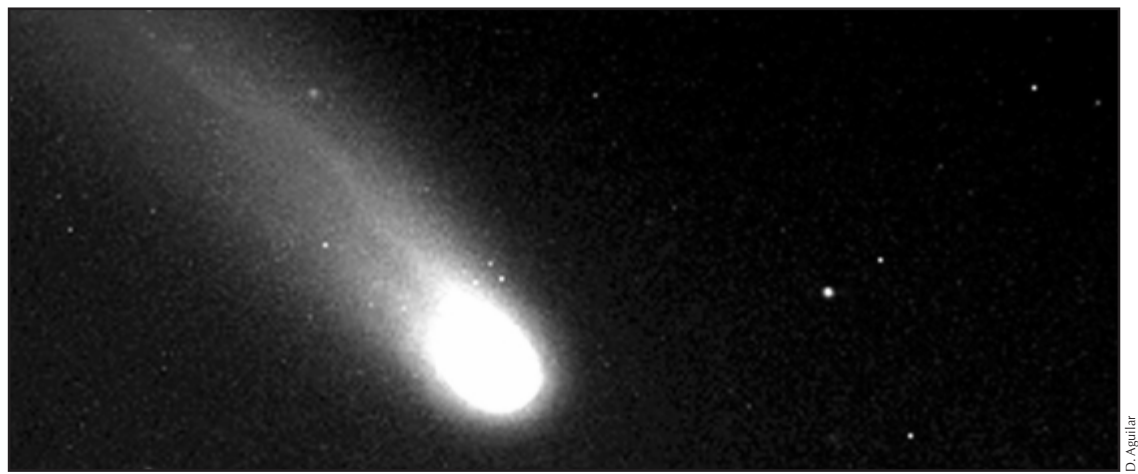
This is exciting news, both for those who study the skies and those who entertain fears of being hit by falling asteroids the size of mountains, says Dr. Wiegert, whose work is partially funded through the Natural Sciences and Engineering Research Council (NSERC). "Our discovery doesn't eliminate the danger [of being hit by flying comets] but it reduces concern."

The findings, reported a recent issue of *Science*, go a long way toward answering what is

possibly the oldest outstanding problem in solar system dynamics: Where are all the surviving comets we expect to see? Telescopic observations show one hundred times fewer than the total number of comets predicted by theoretical models.

Comets are "leftovers" from when the solar system was first created. Their tails – the most visible part – are formed from ice evaporating when they are close to the sun, Dr. Wiegert explains. As comets age, and the amount of ice in the tails is depleted, they become more difficult to see, eventually becoming too faint for all but the largest telescopes.

It has long been assumed that these fading comets, which originate from a spherical cloud around our solar system discovered 50 years ago by Jan Oort, and named after him, continue to orbit the Sun unobserved. Findings from the Queen's team show that, in fact, many of these



Comet Ikeya-Zhang on March 22, 2002, pictured by the MicroObservatory telescope in Cambridge, Mass. The MicroObservatory project, created by the Science Education group at the Harvard-Smithsonian Center for Astrophysics, allows students and teachers to use the Internet to take pictures of objects in the night sky.

D. Aguilier

New Opportunities aids new researchers

The Canada Foundation For Innovation (CFI) New Opportunities Fund has awarded \$493,582 to six newly-recruited Queen's researchers.

"These bright new scholars are now poised to contribute significantly to our understanding of a diverse set of fundamental research questions spanning many aspects of human health, new and emerging materials, and advanced applications in computing," says Queen's Vice-Principal (Research) Kerry Rowe. "The CFI awards will allow them to establish their early careers with a solid funding base to ensure their access to state of the art equipment to accelerate their research goals in a way that has not been possible before. Sincere congratulations and continued success to these outstanding researchers."

A total of \$30 million will go to 39 universities and research institutions across Canada, including \$23.1 million for infrastructure support to newly recruited academic staff, and \$6.9 million to help with operating and maintenance costs associated with new infrastructure projects.

Queen's project leaders are Boris Levit (Mathematics & Statistics, \$122,000) who is working on statistical image and image in motion reconstruction; Ian Chin-Sang (Biology, \$80,000), who will develop a microscopy and molecular genetics facility; Li Jun Ji and Jill Jacobson (Psychology \$111,582), whose focus is culture, cognition, and health research; Jun Gao, Physics, (\$80,000), who will study polymer photonic device processing and Ahmad Afsahi, Electrical & Computer Engineering, (\$100,000), whose

Newsnotes

focus is network-based computing for advanced research on communication architecture and mechanisms, and cluster computing. www.innovation.ca

Queen's boasts three new Royal Society fellows

The Royal Society of Canada has elected 58 new fellows, including Susan Lederman (Psychology), Julian Barling (Psychology, Business) and Pierre du Prey (Art), who were elected in the Humanities and Social Sciences category. They will be inducted Nov. 22 at a ceremony in Rideau Hall. Dr. Barling, a recent Queen's Research Chair recipient, is a world leader in organizational psychology renowned for accomplishing many "firsts" in his discipline. Dr. du Prey's innovations have won him a place among the most distinguished architectural historians of the present day. Dr. Lederman is a world leader in the fields of tactile and haptic perception who has made fundamental contributions to the understanding of human touch.

Charity website wins Internet kudos

CanadaHelps, a charity website created by Queen's students Aaron Pereira, Ryan Little and Matthew Choi has won a prestigious international Microsoft TechEd award for best solution in the not-for-profit organization category. It also won an honorary mention as a finalist in the community category in the recent 2002 CANARIE IWAY awards. Since its launch in November

Oort Cloud comets have broken up and self-destructed. In fact, only one per cent of aging comets survive.

Using data collected from various ground-based telescopes involved in the search for potentially hazardous asteroids, the international team – comprising

researchers from Queen's, Southwest Research Institute in Boulder, CO, the Observatoire de la Cote d'Azur in France and the University of Arizona, Tucson – compared actual observations with the predicted distribution patterns of Oort Cloud comets derived from computer models.

The unexpectedly small number of intact dead comets observed led the researchers to conclude that as comets age and orbit inward from the Oort Cloud, the majority of these mountain-sized objects must somehow physically disrupt. □ www.astro.queensu.ca/~wiegert

2000, CanadaHelps has facilitated more than \$500,000 in donations from 5,500 different donors to more than 450 charities without licking a stamp.

www.canadahelps.org
www.canarie.ca/iway
www.besreg.com/te2002awards/categories.asp

Agreement widens borrowing avenues

Canadian university faculty, students and staff now have reciprocal borrowing privileges at most Canadian universities. This ground-breaking initiative, negotiated by the four Canadian regional library consortia, CAUL/CBUA, COPPUL, CREPUQ and OCUL, provides access to more than 90 million volumes and significantly expands higher education information resources

for faculty, students, and staff alike. All that is needed is a valid university identification card or a valid participating regional consortia card. Borrowers will be subject to the regulations of the lending library and are expected to return items to the lending site if not within their own consortium. library.usask.ca/coppul/rb/index.html

First steps on land

Examine a sample of one of the earliest known fossil trackways at the Miller Museum of Geology in Miller Hall. All are welcome to view the fossils in Miller Hall from 9am-5pm on weekdays. The exhibit follows on a recent presentation by Robert Dalrymple (Geological Sciences and Geological Engineering) on CBC-TV's *The National* about the oldest known land track fossils

Memorial service for late John Stedmond

Former English department colleagues have planned an early October memorial service to remember the life of internationally renowned scholar and long-time faculty member John Stedmond, who died May 25. He first came to Queen's in 1958, and retired in 1981 as an emeritus professor, serving as department head from 1967 to 1977. For more details, contact Mel Wiebe, wiebem@qsilver.queensu.ca.

Go Barefoot this summer

Theatre Kingston's Young People's Theatre Festival, associated with Queen's Drama, is now in its third season and offers entertainment for the whole family. The festival features Theatre Kingston's young company, the

Barefoot Players, in *More Tall Tales* from the Brothers Grimm, a sequel to last year's *Tall Tales* from the Brothers Grimm. Admission to parks and library performances is free; donations are welcome. The troupe is also

presenting *Alice in Wonderland* in the newly built Vogt Studio on campus, July 18 and 19 at 7 pm and July 20 at 1 pm. Tickets are \$4 at the door. For the *Tall Tales* schedule, see: www.queensu.ca/drama. □



The Barefoot Players

Courtesy of Theatre Kingston

Art Centre wins prestigious award

An innovative event challenging viewers to consider the relationship between contemporary art and history has been named Exhibition of the Year by the Ontario Association of Art Galleries.

OAAG praised Museopathy, staged at several Kingston venues last summer, for its collaborative approach to museum practice and audience outreach.

Conceived by Jan Allen, Agnes Etherington Art Centre's contemporary art curator, collaborating with guest curators Jim Drobnik and Jennifer Fisher of Montreal, the exhibition drew from the collections of the Agnes and other city museums and historic sites.

The art centre will produce a major publication on Museopathy this fall. □



Montreal artist Kim of Fastwürms sets up the "Rockhound" Museopathy display in the Miller Museum.

Unsafe equipment can blow more than a fuse

BY REBECCA SPAULDING
PHYSICAL PLANT SERVICES

Does your electrical equipment bear one of these markings? If not, it may be unsafe to use.

A recent notice from Ontario's Electrical Safety Authority (ESA) (formerly Ontario Hydro's Electrical Inspection division) cautions the Queen's community to be sure that all electrical equipment, including computers and university assembled equipment, is approved or certified electrically safe before plugging it in. Unapproved equipment poses a fire and electrical shock hazard.

These markings are found on approved equipment usually near where the power cord is attached. They indicate that the equipment has been inspected, conforms to electrical safety standards and presents no undue hazard to persons or property. Unapproved equipment may have components such as insulation or wiring that is unable to carry the current safely and could cause electrocution or fire.

Unapproved equipment is found rarely at Queen's, says Mike Stefano, Director, Purchasing Services. "Purchasing Services is vigilant about ensuring that equipment bought for the university is certified electrically safe." Confirmation of electrical safety is a standard part of Purchasing's tendering package and quote review process.

Manufacturing and safety standards vary among countries. Many countries are moving towards an international standard, but this has not happened yet. Only U.S. electrical standards conform to Canadian ones. "Fortunately, Canadian distributors must safeguard consumers by ensuring that the products they import and sell in Canada meet national electrical safety standards," says Mr. Stefano. If

unapproved equipment does slip through the cracks, electricians will not install it until it is certified safe.

Researchers may be faced with the problem of obtaining uncertified equipment. Sometimes the specialized equipment essential for a particular research project can only be purchased unapproved, or has to be designed and constructed by the researcher. Approval given to individual equipment components does not mean that they are compatible and safe when interconnected.

In those cases, the Electrical Safety Authority or other accredited agency must inspect and certify the assembled equipment electrically safe.

For details, contact Mike Stefano, ext. 74232 or the Electrical Safety Authority at 1-800-369-7536. □
www.esainspection.net



Human Resources

www.hr.queensu.ca

Please Note:

- Departments requiring casual hourly paid secretarial or clerical assistance should contact Patti Evaristo in Human Resources, 533-2070.
- Requisitions for staff replacement, with appropriate approvals, must reach the Human Resources Department by noon of the Monday one week prior to the date of issue.
- Applications received from internal candidates will be acknowledged by the Department of Human Resources. The results of each competition will be posted under the *Gazette* heading "Appointments" as soon as possible after the conclusion of the recruitment and selection process.
- Closing date for the following positions is **Tuesday, July 23, 2002 at 4:30 pm. Late applications will not be accepted.** Please submit a letter of application indicating the specific position desired and a detailed resume including your employee number.

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

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

Staff Vacancies

Following the completion of the Queen's Job Evaluation (QJE) review for positions in Grades 2 – 9, you will notice we have included the cluster in the following job ads which represents the job family, branch and grade (e.g., ADMG5 is

Administration Family, General Branch, Grade 5). Generic position overviews for clusters can be found on the HR website at www.hr.queensu.ca.

Specific job overviews for position advertised under 'Staff Vacancies', with the exception of CUPE Local 229 postings, continue to be available in the HR department.

*If you wish to be considered for the following position, apply in writing to Patti Evaristo, Human Resources.

Booth Attendant Physical Plant Services 2002-69

The closing date for this position is **Monday July 29, 2002 at 4:30pm.**

This is a continuing appointment beginning Sept. 3, 2002.

The incumbent will work 37.5 hours per week on a rotating shift, 7 am to 2 pm or 1:45 pm to 8:45 pm. The incumbent will work other shifts or overtime and occasionally perform the duties of a Parking By-Law Officer, as required.

Major Responsibilities: handle cash with accuracy; respond to any difficulties which occur with cash handling; collect monies, provide information and assistance to patrons of the garage; provide some security in the garage.

Requirements: secondary school diploma; excellent interpersonal and communication skills to work through situations of potential conflict; previous customer service experience; previous experience with cash handling, cash registers and balancing cash; ability to effectively deal with a variety of different people; valid driver's licence; must be bondable.

This position falls under the jurisdiction of C.U.P.E. Local 229.

Hourly Rate: \$15.65

Junior Safety Technician Environmental Health and Safety 2002-70

This is a one-year term appointment.

Major Responsibilities: conduct annual flow testing; advise PPS of any identified deficiencies associated with the tested fume hoods and conduct follow up testing as required; inspect fume hoods for chemical, radiation or other hazards; notify the safety technician when decontamination is needed; maintain the university fume hood inventory; inspect and schedule maintenance and calibration of the departmental instrumentation as per the requirements of the manufacturer or applicable legislation/standard; assist the safety technician in the operation of the waste transfer station according to the guidelines and legislation of the Ministry of the Environment and the Canadian Nuclear Safety Commission; oversee the requirements of the Designated Substances Assessment as prescribed by the Occupational Health and Safety Act and Regulations; assist other departmental staff as required.

Requirements: one or two year occupational health and safety diploma and a minimum one-year safety related experience; familiarity with the Occupational Health and Safety Act, Transportation of Dangerous Goods Legislation, Part 4 of the Ontario Fire Code, CSA and ANSI Standards; good working knowledge of computers for word processing, e-mail and database management; well developed oral and written communication skills; WHMIS, First Aid/CPR and Transportation of Dangerous Good training; valid driver's license.

This position falls under the jurisdiction of C.U.P.E. Local 254.

Tentative Hiring Salary Range: \$32,719 - \$38,936 Points: 223

Histology/Electron Microscopy Technician Anatomy and Cell Biology 2002-71

Major Responsibilities: preparation of tissue for histological slides including dissecting, embedding, sectioning, staining, cover slipping, cleaning and labeling; specimen preparation using routine and special techniques for light microscopy, transmission electron microscopy, and scanning electron microscopy; dissect tissue samples; use and maintain the glass knife-marker to prepare glass knives; use and maintain diamond knives; instruct users on the operation of the electron microscopes; provide routine maintenance for the microscopes and freeze fracture equipment; order and stock the necessary materials for the normal use of the equipment and schedule user time; generate photographs for departmental teaching and research requirements.

Requirements: graduate of a community college program or equivalent with technical expertise in histology/electron microscopy and photography; practical experience in all areas of responsibility is essential; two years of job-related experience; knowledge of relevant computer-assisted imaging and analytical technology an asset; excellent interpersonal skills in order to deal effectively with a variety of individuals.

This position falls under the jurisdiction of C.U.P.E. Local 254.

Tentative Hiring Salary Range: \$38,006 - \$45,228 Points: 314

Childcare and Tuition Benefits Plan Assistant Human Resources 2002-72

This is a term appointment from Sept 1, 2002 until April 20, 2003.

Major Responsibilities: assist in the administration of the Childcare & Tuition Benefits Plan programs for QUFA, General Staff and the CUPE groups; assess and determine applicant eligibility; create and maintain databases for each of the plans; compile reports as requested; provide information and guidelines of each plan to potential applicants, the Student Awards Office, other University officials and outside agencies; compile, calculate and submit necessary data to facilitate payment of benefit reimbursements to employees.

Requirements: completion of a two-year post-secondary program in administration (or the equivalent combination of education and experience); previous relevant experience in an office/service environment; knowledge of the university structure and financial/computing systems considered an asset; excellent organizational skills; strong verbal and written communication skills; excellent computer skills (e.g. Word, WordPerfect, Excel, Access); ability to work independently; ability to work with and maintain highly confidential or sensitive material.

Minimum Hiring Salary: \$30,754 Salary Grade 5 – ADMG5

Program Assistant – Critical Care Faculty of Health Sciences 2002-73

This is a three-year term appointment.

Major Responsibilities: assist in the administration and operation of the Critical Care Program; assist in the preparation and monitoring of Program and research budgets; process Program related financial transactions and maintain accurate financial records; coordinate the processes associated with the appointment and reappointment process in both the University and Hospital environments; work with the Program finance committee and other committees as

Human Resources *continued*

directed; provide secretarial support to the Program Chair on non-clinical matters; coordinate regular seminars, rounds, meetings and special events.

Requirements: successful completion of a two-year post-secondary program in business administration (or the equivalent combination of education and experience); proven experience in an organizationally relevant environment; excellent interpersonal and communication skills; ability to maintain strict confidentiality; ability to generate reports using data from financial and hospital record systems using various computer software programs; knowledge of university and hospital structure, procedures and administrative systems.

Minimum Hiring Salary: \$30,754 Salary Grade 5 – ADMG5

Education Computing Services Technician Faculty of Education 2002-74

This is a term appointment from September 1, 2002 to April 30, 2003.

Major Responsibilities: deliver and set-up all computer and presentation classroom units, computers and other education computing services equipment; provide troubleshooting assistance; ensure systems have the latest anti-virus software and all patches and updates; provide some assistance in the day-to-day functioning of the network by identifying and correcting minor hardware and network problems; ensure ECS portable equipment is maintained; assist in training users in the set-up of computer and audio visual equipment; provide basic computer training as assigned; update work orders and logs and provide support for inventory assessment.

Requirements: two-year post-secondary program with relevant experience (or the equivalent combination of education and experience); experience in business administration/systems, desktop publishing or online/printed publications considered an asset; general knowledge of computer systems and audio visual technology an asset; proficiency with a variety of software packages, basic hardware operation, networking and Internet use; excellent interpersonal and communication skills; editing and writing skills; troubleshooting and problem-solving skills; organizational skills with the ability to prioritize work and adhere to deadlines; must be both an independent worker and team player; ability to lift heavy loads (i.e. computers, computer tables, printers).

Minimum Hiring Salary: \$30,754 Salary Grade 5 – ITUS5

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

Billing Clerk Health, Counselling and Disability Services 2002-75

This is a continuing term appointment working from Sept. 1 to April 30 each year.

Major Responsibilities: process all fee-for-service transactions (i.e. OHIP, Reciprocal, UHIP, Quebec, Bill Direct and Third Party); liaise with insuring agencies regarding billing procedures and fee schedule updates; assist in the collection and preparation of daily cash receipts and reconciliation of invoices; assist in preparation of Clinic revenues spreadsheet; assist in the preparation of various month-end reports; provide reception duties as required.

Requirements: one-year post-secondary program in Business Administration or Accounting Practices with experience in medical billing (or the equivalent combi-

nation of education and experience); excellent interpersonal and communication skills; ability to work independently, at a fast pace and with attention to detail; knowledge of OHIP and OMA service and procedure codes and fees an asset; proficiency in computer skills with an emphasis on database and spreadsheet applications; excellent problem-solving skills.

Minimum Hiring Salary: \$29,338 Salary Grade 4 – ADMG4

Office Assistant Office of the University Advisor on Equity 2002-76

Major Responsibilities: day-to-day administration of the office; administrative support duties such as reception services, initiating and drafting correspondence, ordering office supplies; respond to inquiries from students, faculty and staff and the public and redirect complex problems to senior staff; provide information on the definitions of designated groups; set-up new computers, install software and manage the departmental web page and listservs; manage records and information storage; set-up and maintain filing systems; verify and process new data (i.e. equity reporting forms); assist in the administration of special projects and with committee work as needed.

Requirements: one-year post-secondary training in business administration practices, accounting/bookkeeping or computers; previous relevant experience in an office/service environment (or an equivalent combination of education and experience); knowledge of university structure, employment equity, diversity and the Queen's mainframe considered an asset; excellent interpersonal and communication skills; ability to adhere to strict confidentiality; proficiency with a variety of word processing, spreadsheet and database applications (i.e. Excel, Access, and HTML); the ability to learn new software; writing, editing and proofreading skills with attention to detail and accuracy; organizational and time-management skills; ability to maintain focus despite frequent interruptions; problem-solving skills with an ability to know when to refer problems to others.

Minimum Hiring Salary: \$29,338 Salary Grade 4 – ADMG4

Office Assistant Alumni Affairs 2002-77

This is a one-year term appointment.

Major Responsibilities: provide clerical support to the Branch Development Unit including the preparation of routine correspondence and maintenance of the filing system; maintain budget entries, process cheque requisitions, travel advances/reports, deposits and journal entries; respond to alumni inquiries; assist with planning and execution of events; maintain the departmental web-site; assist with special projects.

Requirements: completion of one-year of post-secondary education in office administration (or an equivalent combination of education and experience); must be customer service-oriented with the ability to deal with the public; proficiency with a variety of computer applications and the ability to perform a variety of tasks such as word processing, mail merges, table creation and spreadsheet manipulation; familiarity with desktop publishing and web knowledge an asset; excellent communication skills with the ability to screen calls; ability to maintain focus under pressure.

Minimum Hiring Salary: \$29,338 Salary Grade 4 – ADMG4

Technical Communications Associate Information Technology Services 2002-78

This is a term appointment until April 30, 2003.

Major Responsibilities: participate in the development of communications initiatives and programs in order to increase awareness of the department or its services; maintain and develop websites; participate in the organization, development and provision of educational, promotional and information resources; participate in the development and coordination of exhibits, conferences and seminars; liaise with members of Queen's community to monitor perceived value of the department; perform public relations functions.

Requirements: three-year post-secondary program in communications, human relations, or graphic design (or an equivalent combination of education and experience); database experience and knowledge of web content distribution (Cold Fusion, HTML, XML, Java, PERL, CGI script); graphic design ability and creativity; proven communication and interpersonal skills; ability to deliver technically based information in a non-technical style; ability to instruct in order to run training programs; public relations skills including diplomacy and tact; research, analytical, organizational and problem-solving skills; innovative and flexible thinking; project management skills an asset; ability to perform detailed and accurate work and to multi-task; customer/client oriented perspective and marketing ability; knowledge of computer hardware/software, networking concepts and operating systems, word processing, graphic design, database and other applicable software; ability to work as part of a team.

Minimum Hiring Salary: \$34,876 Salary Grade 6 – ITUS6

Study Abroad and Exchange Coordinator International Programs Office, Faculty of Arts and Science 2002-79

This is a continuing appointment working 80% time.

Major Responsibilities: administer the international exchange programs and study abroad options offered by the Faculty; facilitate the process of issuing international letters of permission; provide information on study abroad and Faculty exchanges to students, staff and faculty; provide academic advising in regard to study abroad; gather, maintain and report data on student interest in study abroad and student flow in Faculty exchanges and other study abroad programs; assist with short-listing exchange candidates and participate in the selection process; liaise with academic departments and incoming exchange students from partner institutions.

Requirements: undergraduate university degree with several years of relevant experience working in a post-secondary environment and experience in interviewing and advising (or an equivalent combination of education and experience); thorough knowledge of Faculty academic programs and regulations concerning study abroad, and understanding of the various student services; excellent communication, listening and interpersonal skills; computer and office skills, including word processing, spreadsheets and database management (MS Access); familiarity with university's student information system (PCICS); willingness to support office staff when required in reception and general office administra-

tion; organizational skills with the ability to manage priority conflicts; analytical, interpretive, and problem-solving skills; ability to work independently; international/intercultural experience an asset.

Minimum Hiring Salary: \$39,548 Salary Grade 7 – ADMSF7 (Salary will be adjusted to reflect actual time worked)

Manager, On-Line Community Alumni Affairs 2002-80

This is a one-year term appointment.

Major Responsibilities: establish and maintain effective connections and contacts with alumni to develop and maintain an on-line community; work with key stakeholders across Queen's to develop strategies required for growth; provide superior customer service to on-line community users; evaluate on-line program modules and identify and implement improvements; provide training and support in Advancement in using the community to enhance current programming and engage alumni; identify and promote the uses of the on-line community as a tool to connect alumni to faculties and departments on campus; co-ordinate e-newsletters with Alumni Review staff and Marketing and Communications; oversee the Office of Advancement's web content to ensure customer focus is maintained.

Requirements: university degree (Queen's preferred) with relevant experience in customer relations, communications and on-line tools (consideration will be given to the equivalent combination of education and experience); excellent interpersonal skills; ability to manage a variety of relationships with internal and external customers; highly organized with time and project management skills; excellent communication skills; innovative and flexible thinking; proven ability to produce detailed and accurate work; computer literate with a base level of web technical expertise; ability to create and edit web pages using Dream Weaver; experience with MS Office; ability to analyze and interpret data collected from clients.

Minimum Hiring Salary: \$44,847 Salary Grade 8 – ADMSF8

Other Positions

Research Associate, Department of Chemical Engineering

This is a one-year position but may be extended, subject to available funding.

Responsibilities: coordinate the installation and operation of analytical equipment (polymer physical testers, rheometers, DSC, TGA, spectrometers, chromatographs, etc.) in the new Advanced Polymeric Materials Characterization Laboratory; facilitate the polymers research of faculty members and students; train and assist students, postdoctoral fellows and researchers with designing, testing, and implementing experimental protocols and using equipment according to best laboratory practices; assist in data analysis and interpretation; ensure maintenance of laboratory space and equipment; provide general laboratory supervision, including enforcing all safety regulations and standards.

Qualifications: university degree (preferably MSc or PhD) in chemical engineering, chemistry or relevant field and a minimum of five years experience (consideration will be given to an equivalent combination of education and experience) in experimentation and characterization of polymers; excellent laboratory skills; strong computing skills including

experience with interfacing methods; ability to communicate effectively and positively with students, technical staff, faculty members, and external vendors and technicians.

Starting Salary: \$44,847 Salary Grade 8

Reply with resume and three references to: Karen MacIntyre, Department of Chemical Engineering, Dupuis Hall, Queen's University, Kingston, Ontario Canada K7L 3N6, fax: (613) 533-6637, e-mail: macintyr@chee.queensu.ca. The position is available Sept. 1, 2002. Review of applications will continue until the position is filled.

Socio-Cultural Programs Coordinator, School of English

Responsibilities: hire, train and manage student employees to facilitate ESL discussion groups and extra-curricular socio-cultural activities; plan, publicize and manage activities and trips for School of English students; recruit and supervise conversation partner volunteers for students in fall and winter terms; teach an oral communications course (3 hours/week) in some programs as required; hire and supervise a Residence Coordinator for spring/summer programs; publicize and coordinate several intersession courses; organize graduation receptions throughout the year for students and staff.

Requirements: B.Ed. degree; proven interpersonal, organizational and management skills; ability to take initiative; excellent writing skills; proficiency with Word, Excel, PowerPoint and web navigation; knowledge of university facilities and policies; some teaching and cross-cultural experience required.

Minimum Hiring Salary: \$34,876 Salary Grade 6

Submit a resume, covering letter and three references by 4 pm Monday, July 22, to Queen's University School of English, 96 Albert Street, Kingston, K7L 3N6. Indicate "Socio-Cultural Programs Coordinator Position" on the application.

Receptionist/Senior Secretary, Enrichment Studies

This is a full time, one-year contract position with the possibility of renewal.

Responsibilities: full range of administrative support in relation to the courses that are offered through Enrichment Studies; day-to-day administration duties for the non-credit programs; answer phone, greet visitors, provide general information and direct queries to appropriate individual; prepare and process all instructor and general correspondence; design and create forms and decide on document formats; acquire, input, process, update and verify information in course databases; tabulate results of surveys as it relates to courses and instructors; data entry of registration forms for all non-credit programs.

Requirements: one-year post secondary training in business administration or computers; minimum two years experience working in a customer service environment; demonstrated interpersonal, human relation and communication skills to deal with a wide variety of individuals; ability to multi-task as well as attention to detail and accuracy; strong organizational skills; ability to work independently as well as part of a team; service-oriented perspective; excellent computer skills including proficiency in Access, Word and Excel; sound analytical and problem-solving skills.

Minimum Hiring Salary: \$28,763 Salary Grade 4

Apply by Monday, July 22, 2002 to Susan Collier, Department of Enrichment

continued on page 8

Human Resources *continued*

Studies, Queen's University, 96 Albert Street, Kingston, ON K7L 3N6. Phone 533-6000 ext. 77194, Fax (613) 533-6903.

Technician, Department of Medicine, Arthritis Centre, Tissue Culture Lab

One-year (maternity leave) contract with the possibility of extension, available Sept. 15, 2002.

Responsibilities: ordering supplies for lab members; radioisotope monitoring and general biochemical methods.

Requirements: experience in maintaining and managing a contained tissue culture facility; HPLC experience also desirable.

Apply with resume to Dr. T. Anastassiades, Department of Medicine, 2050 Etherington Hall. Phone 533-2971, E-mail lerouxm@post.queensu.ca.

Medical Secretary Department of Medicine, Division of Hematology

This is a contract position working 50% time, subject to renewal. Effective September 1, 2002.

Responsibilities: Report to the Chair of the Division of Hematology: type patient letters, handle telephone calls from patients and referring physicians, book clinic appointments, outpatient procedures and patient admissions, filing and general office duties.

Requirements: Postsecondary School Diploma (Medical Secretary or equivalent), proficiency with computers (Word), dictating, organizations skills, good communication and interpersonal skills in dealing with patients and physicians an asset.

Minimum Hiring Salary: \$27,885 Salary Grade 3 (pro-rated to reflect part-time)

If you wish to be considered for this position, please submit an application to Debbie Samms, Department of Medicine, 3034 Etherington Hall.

Computing Systems Technologist Centre for Neuroscience Studies

This is a one-year term appointment beginning Aug. 1, 2002.

Responsibilities: provide technical computing-related support and advice to members of the CIHR Group in Sensory-Motor Systems; select, install and maintain hardware and software; assist with troubleshooting user problems, configuring equipment and applications; set-up and maintain operational systems/networked file sharing systems; create and maintain user accounts; maintain and manage disk space; provide support to investigators for management of local area networks (PC and UNIX based) and

workstations; give purchasing advice and order/configure equipment as required; perform other technical duties in support of the group.

Requirements: three-year post-secondary program in Computer Engineering Technology or equivalent or a two-year program with several years of experience; broad knowledge of computer systems; proficiency with server software; email, web services, FTP services and remote access protocols; proficiency with network management tools such as SUN microsystems and multiple host configuration tools; a well-developed understanding of networking principles and key protocols; understanding of network design; understanding of network design basics; knowledge of security design and implementation issues such as firewall design and filtering; proficiency with Linux, Solaris, UNIX, Linus, DOS and

Windows; extensive knowledge of computer hardware and software, proficiency in troubleshooting, experience with installation and management of commercial software; ability to make independent decisions; excellent organizational skills and sound judgment and ability to work in a team environment; a well-developed understanding of networking principles and key protocols. Consideration will be given to an equivalent combination of education and experience.

Minimum hiring salary: Salary Grade 6

Apply by Friday, July 26, 2002 with resume and three references to: Dr. P.K. Rose, CIHR Group in Sensory-Motor Systems, c/o Centre for Neuroscience Studies, Room 106, Abramsky Hall, Queen's University, Kingston, Ontario, K7L 3N6. Fax: (613) 533-6840.

Bulletin Board

Appointments

Faculty of Applied Science

Jon Pharoah, Mechanical Engineering
Aristides Docoslis, Chemical Engineering

James Cordy appointed Director, School of Computing

Principal William Leggett announces that James Cordy has been appointed Director of the School of Computing for a six-year term commencing July 1, 2002. Dr. Cordy holds a BSc, MSc and PhD from the University of Toronto. He came to Queen's in 1985 as an Assistant professor in the Department of Computing and Information Science. He was promoted to Associate Professor in 1989, granted tenure in 1990 and promoted to Professor in 1996. From 1995 to 2000 Dr. Cordy was vice president and chief research scientist at Legasys Corporation, a software technology company specializing in legacy software system analysis and renovation. From 1991 to 1997 he led the Software Design Technology project, a multi-university research project in software architecture research funded by the Information Technology Research Centre (now CITO, an Ontario government Centre of Excellence). As project leader Dr. Cordy was winner of the 1994 ITRC Bank of Montreal Innovation Excellence Award and the 1995 ITRC Chair's Award for Entrepreneurship in Technology Innovation. Dr. Cordy has published more than 60 academic and technical papers in software engineering, programming languages, user interfaces and compiler technology, including the books *Introduction to Compiler Construction Using S/SL* (Queen's, 1986) and *The Turing Programming Language: Design and Definition* (Prentice-Hall, 1988). He is also the author or co-author of numerous software systems. Dr. Cordy is an elected member of the International Federation for Information Processing (IFIP) Working Group 2.4, "software implementation technology." He is a member of the IEEE and the Association for Computing Machinery, and is the industrial co-chair of the IEEE 2002 International Conference on Software Maintenance (ICSM 2002) and program co-Chair of the IEEE 2nd International Workshop on Source Code Analysis and Manipulation (SCAM 2002). Dr. Cordy has served on numerous committees at Queen's, most recently as chair of the Internal Academic Review team for the 2001-02 review of the Department of Economics.

In making this announcement, Principal Leggett wishes to express his appreciation for the leadership provided by Janice Glasgow during her five-year term as Head of the Department of Computing and Information Science.

Jim McLellan appointed Acting Head, Chemical Engineering

Principal William Leggett announces that Jim McLellan has been appointed acting head, Chemical Engineering from July 1, 2002 to June 30, 2003. Professor McLellan has been on the faculty of the Chemical Engineering department at Queen's since September 1990 and is currently cross appointed with the Department of Mathematics & Statistics. During that time, he has supervised 6 Doctoral and 12 Master's students to completion as joint or sole supervisor. Professor McLellan has served as Chair and Associate Chair of Division III of the School of Graduate Studies, and as Graduate Coordinator in Chemical Engineering. Since 1996, he has won the Ontario Confederation of University Faculty Associations (OCUFA) award for excellence in teaching, the Frank Knox award for teaching excellence, and a Golden Apple teaching award. He has been active in Instructional Development Centre workshops, and in engineering outreach activities to local elementary schools. His teaching and research interests are in the areas of process control, applied statistics and mathematical modeling of chemical processes. He has served as an industrial consultant to a number of companies in Canada and the United States, and is a Professional Engineer in the Province of Ontario. Principal Leggett expresses his appreciation for the outstanding leadership provided by Ron Neufeld during his term as Head, Chemical Engineering.

Merlin Donald appointed Head, Department of Psychology

Principal William Leggett announces that Merlin Donald has been appointed Head of the Department of Psychology for a two-year term commencing July 1, 2002. Professor Donald has a background in both Philosophy and Psychology. He holds a BA from Loyola College (Montreal) and a PhD from McGill University. He held a postdoctoral fellowship at the Yale University School of Medicine, where he was appointed Assistant Professor of Psychology (Neurology) in 1970. He came to Queen's in 1972 as Assistant Professor in the Department of Psychology, was promoted to Associate Professor in 1973

and Professor in 1982. Professor Donald holds a cross-appointment as Professor in the Faculty of Education. He has held many visiting scholarships and professorships, including University College, London, the University of California at San Diego, Harvard University, and the Center for Advanced Study in the Behavioral Sciences, Stanford University. He held a Killam Research Fellowship from 1994 to 1996, and was elected a Fellow of the Royal Society of Canada in 1995. Professor Donald's theoretical work focuses on human intellectual and cognitive origins and his work bridges several disciplines in the sciences, social sciences and the humanities. He has produced two influential books, "Origins of the Modern Mind: Three stages in the evolution of culture and cognition" (Harvard University Press, 1991) and "A mind so rare: The evolution of human consciousness" (Norton, 2001). In addition, he has published approximately seventy research papers on brain electrical activity and clinical disorders related to brain injury. Dr. Donald served Queen's as the first Chair (1975-1980) of the Basic and Applied Graduate Program in the Department of Psychology, and as Chairman of the Life Sciences Division of the Graduate School from 1982-1985. He has served on Senate and on many university committees, most notably the Campus Planning and Development Committee. In making this announcement, Principal Leggett wishes to express his appreciation for the leadership provided by Dr. Alistair Maclean during his four-year term as Head of the Department of Psychology.

Notices

International Housing Office

Queen's community hosts are needed for new international students to stay free for a couple of nights while they look for permanent accommodation. Please contact the International Housing Office at IHC@post.queensu.ca. Short-term housing providers are also required for a reasonable fee. For information go to www.queensu.ca/quic/housing and access Short term Housing. If you are a landlord and can provide rental listings for international students and scholars this fall in apartments or shared accommodation please visit www.queensu.ca/quic/housing and access "Housing Database" to submit a listing. For information 533-2604 ext. 74650.

Calendar

Retirement

Farewell to Eleanor Rogers

Eleanor Rogers, Director of Queen's School of English is retiring at the end of the summer after 28 years of service to Queen's. The school is hosting a reception at Agnes Etherington House Aug. 2, 3-6 pm. For information please call 533-2472.

Art

The Agnes Etherington Art Centre University Avenue

Ongoing exhibitions – Contemporary Feature Gallery, Better Worlds, July 13 to Oct. 27. African and Frances K. Smith Galleries, "A Forest of Flowers": Words and Sculpture of West Africa, July 28 to Oct. 12. The Davies Foundation Gallery, In Case of Rapture: The Herbert O. Bunt Donation, June 22 to Jan. 26, 2003. Historical Feature and R. Fraser Elliott Galleries, Kazuo Nakamura: The Method of Nature to Sept. 8. Samuel J. Zacks Gallery, Learn Well and Progress Daily: Posters from the Chinese Cultural Revolution, June 20 to Oct. 27; Bader Gallery, The Contemplative Imagination to Aug. 17. 533-6913.

Events

Tours: Sundays at 1:15 pm; Third Thursday each month 12:15 pm. www.queensu.ca/ageeth/

Union Gallery

the enchanted forest, Margaux Williamson, Erin O'Hara, Ann Marie Pena to Aug. 16. stauffer.queensu.ca/webgall/currentx.html

Tree dedication in memory of Edmond E. Watson (1902-2001)

Family, colleagues, students and friends of the late Edmond Watson are invited to make a gift toward dedicating a tree on campus in his memory. Dr. Watson was Emeritus Professor of Physics, and was with the department from 1931 to 1968. The tree will be planted next to Stirling Hall. Those wishing to contribute to the fund may make cheques payable to Queen's University, indicating the Edmond E. Watson Memorial Tree Fund, and send them to the Advancement Business Office, Old Medical Building, 2nd floor, Queen's University, Kingston, K7L 3N6.

PhD Examinations

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

Tuesday, July 16, 2002

Michelle Duwyn, Psychology. Social comparison processes among females with high and low body dissatisfaction. Supervisors: F. Boland and L. Fabrigar. 210 Craine Building, 1 pm.

Monday, July 22, 2002

Louise Marie Annie Wasyliw, Psychology. Towards an understanding of the foundations of personality traits. Supervisor: G.C. Fekken. 228 Humphrey, 1 pm.

Thursday, July 25, 2002

Lousindi Rose Sabourin, Mathematics and Statistics. Generalizing K-configurations and Macaulay's O-sequences. Supervisor: A.V. Geramita. 521 Jeffery, 10 am.

Wednesday, July 31, 2002

Amy Helen Bell, History. London was ours: Diaries and memoirs of the London Blitz 1940-1941. Supervisor: S. den Otter. B503, Mac-Corry Hall, 2:30 pm.

Queen's
Bright Ideas
Energy and water
conservation tips

Fumehoods

It's safe to allow, switch off fumehood fans and lights for example in unoccupied Teaching labs. Doing this will save the electricity used to power the fan and lights, and cool or warm the air that goes out of the fumehood.

conserve
to preserve

