



Mental energy

Memorial is revising its intellectual property policy to better protect students, faculty and staff.

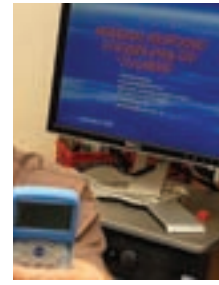
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Outside the box

Students in Christine Abbott's Sociology class have been breaking the rules all over Corner Brook.

6



School click

Clickers, or student response systems, have become a widely-used tool in classrooms at Memorial.

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MAKING MEMORIAL A BETTER PLACE FOR ABORIGINAL STUDENTS

By Sharon Gray

A PROGRAM of fundamental change in medical education programs and approach to Aboriginal communities and Aboriginal health is underway in the Faculty of Medicine.

An award of \$187,500 over two years from the Aboriginal Health Human Resources Initiative Atlantic Region Competition will allow the Faculty of Medicine to develop a set of bridging programs, make revisions to the undergraduate medical curriculum, and reconfigure the faculty's new master's of public health program to ensure cultural relevance and sensitivity.

This is part of a national effort to implement Indigenous health curriculum in all 17 medical schools.

Memorial's project will involve close collaborative development between First Nations, Inuit, and Métis communities and health providers throughout Newfoundland and Labrador. Dr. Michael Jong, full-time clinical faculty member in Happy Valley-Goose Bay, and Dr. Catherine Donovan, Division of Community Health and Humanities, are co-chairs of this project. Dr. Carolyn Sturge Sparkes has been hired as project coordinator.

Dr. Jong has worked for 26 years in Happy Valley-Goose Bay, and has close ties with the Aboriginal communities of Labrador. He is in the process of broadening his connections with Aboriginal groups on the island. Dr. Donovan led the development of the master's in public health program, and her expertise will help revise that program as well as lead in the revisions to the medical curriculum

Dr. Sturge Sparkes has a PhD from McGill University in curriculum development and has worked with First Nations peoples in Quebec and other parts of Canada to determine ways to attract more students to pursue higher education.

"We want a medical education curriculum that is welcoming to Aboriginal medical students."

At Memorial, her job will involve developing bridging programs to help the Faculty of Medicine reach out more effectively to the Aboriginal populations of the province. This includes an outreach program to increase awareness among Aboriginal high school students about the possibilities of a career in the health professions and raise their familiarity with Memorial's Faculty of Medicine. It also includes setting aside two seats of the current 60 in the first-year medical class for Aboriginal students, and the reconfiguration of the admission criteria and the

see *MAKING* on page 4



PHOTO BY CHRIS HAMMOND

BOUND FOR BELIZE Biochemistry student Laura Power, left, Bobbi Dwyer, an employee with the Office of Student Recruitment, and Ruth Leake of the Centre for Institutional Analysis and Planning are gearing up to head to Belize in the New Year as part of a humanitarian mission with the Church Lads' Brigade. The trio is just part of larger group that includes other members of the Memorial community who will help build a classroom for underprivileged children. They're currently selling homemade birdhouses—just in time for the holidays—to help raise money for the trip. See page 6.

Four new members named by province New regents appointed

FOUR NEW APPOINTMENTS have been made to Memorial's Board of Regents.

Education Minister Joan Burke made the announcement on Dec. 11.

Mary Cormier of Corner Brook, Michelle Daye of Grand Falls-Windsor, Noreen Greene-Fraize of St. John's and Debbie Singleton of Happy Valley-Goose Bay have joined the Board of Regents effective immediately.

In a news release, Minister Burke said she was pleased to have the four "dedicated and talented women join Memorial's Board of Regents.

"They represent the various regions of our province and will complement the current board members in their work to continue to build this great institution. I would also like to take this opportunity to thank the outgoing members of the board for their time, energy and dedication during their period of service. These are volunteer positions and I acknowledge and appreciate the contributions made by all individuals who take on this role."

The Board of Regents is responsible for the management, administration and affairs of Memorial. It comprises a diverse group of individuals representing business, social and educational sectors, as well as students.

"One of this province's greatest assets is Memorial University – the largest university in Atlantic Canada," Minister Burke said in her release.

"Working in partnership with the Board of Regents, our government continues to make innovative and strategic investments that are helping MUN flourish. I would like to welcome these newest members to the board and have every confidence they will make an invaluable contribution to the work of the board and to the university overall."

Biographies of the four new members are available online at www.releases.gov.nl.ca/releases/2008/edu/1211n02.htm.

Facilities Management ready to clear campus Snow means go

By David Sorensen

THE PROVINCIAL GOVERNMENT is reminding people this winter that snow means slow, an ad campaign designed to reduce accidents caused by poor driving conditions. For the dedicated Facilities Management crew responsible for keeping Memorial's St. John's campus clear, snow is the green light to go.

Bob Walsh is the manager of Building Services and Grounds in Facilities Management. He co-ordinates the response on the St. John's campus when snow hits, whether it's two centimetres or two metres.

Since Campus Enforcement are on campus 24 hours a day, snow reports in the early hours usually come from them. The call then goes to a utility foreperson in Facilities Management who makes an assessment on the level of need for snow clearing. It's then that the external contractor gets called, along with the university staff if needed. That call can come any time of the day or night.

The campus's own response team is actually relatively small, Mr. Walsh said. While a contractor is responsible for the main roadways and parking lots, the Facilities Management team of 12 people and custodial staff take care of everything else.

The list of secondary areas that need snow removal includes stairwells, fire hydrants, storage tanks, tunnel

entrances, and the roof of the Health Sciences Centre. The contractor is also responsible for Memorial's buildings on Mount Scio Rd., and the Ocean Sciences Centre (OSC) in Logy Bay.

"We do the 'got-tos' first," said Mr. Walsh.

The places on that list include student residences – since people live here snow or not – and the Health Sciences Centre, for obvious reasons.

Clearing the campus on a typical snowy day is a challenge of timing, said Mr. Walsh.

Adding to the challenge is the nature of the Newfoundland winter, with its winds that often dump more snow in some areas than others. Mr. Walsh pointed to a December day last year when Environment Canada said 20 centimetres had fallen, but some drifts on the St. John's campus were one-metre high.

On the days when the weather is too bad to open, the system still follows the same pattern, he said. The snow still needs to be cleared – especially around the residences and HSC.

"The HSC is still a priority even during a storm," he said. "We focus on keeping the main roadways open until the storm abates."

For a list of alternate parking spaces and more information, see www.mun.ca/facman/parking_roads/snow_ice.php



It's coming—Memorial is ready when snow falls.

Memorial prepares for snow

WHEN SEVERE WINTER weather hits, Memorial has a detailed plan for informing people about emergency closures.

Safety drives the decision on closures. When bad weather arrives, the decision to cancel classes or close the St. John's campus rests ultimately with the university president (or his/her designate, should he/she be out of town). The president receives advice from a number of university units, particularly Facilities Management, which remains in close contact with Environment Canada, the provincial Department of Works, Services and Transportation, and the RNC and RCMP as weather systems develop.

Similarly, in Corner Brook, the principal makes the call in consultation with the vice-principal and the director of Administration and Finance.

Since Memorial is a residential institution, it is a priority to maintain key operations and schedules, even when tasked with emergencies such as poor weather. The university doesn't close except under unusual circumstances. In the event of severe weather or other emergencies, if Memorial has to cancel classes or to close, information will be made available as quickly as possible through a variety of communications vehicles.

And with a population of more than 17,000 students, faculty and staff, news has to get out fast.

In St. John's, when closures happen midway through the day, a message is sent around campus as quickly as

possible. It is phoned or faxed to student unions, faculties, schools, departments and divisions, e-mailed to 4,000 employees via MUN Newline e-mail service, and posted to the today.mun.ca website, as well as the main university website, www.mun.ca. The same notice is posted to the snow cancellations site, which is accessible through the main Memorial page.

Similar actions are taken on the Corner Brook campus via e-mail, and information appears on www.swgc.mun.ca.

Information is also relayed to provincial media who are extremely co-operative in airing the news as soon as possible.

Early closings during daytime will be announced at least one hour in advance. Advisories for late openings and all-day closures will be issued by 7 a.m. In addition to contacting the media and posting information to the university website, the Division of Marketing and Communications and, at Grenfell College, the Division of Community Education and College Relations, also make early morning phone calls directly to the heads of key university/college units such as the Childcare Centre, the Marine Institute, The Works, the Pepsi Centre and other selected campus offices.

For more information on the university's emergency closing procedures, including what radio stations to listen to, visit www.mun.ca/main/closures.php.

SNOWCLEARING BY THE NUMBERS

- Length of campus roads – 9.1 kilometres
- Length of sidewalk – 6.8 kilometres
- Area of parking lots – 130,000 square metres
- Amount of salt used annually – 3,000 tonnes

All numbers approximate

Gazette

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Memorial University is committed to excellence in teaching, research and scholarship, and service to the general public. Memorial University recognizes a special obligation to educate the citizens of Newfoundland and Labrador, to undertake research on the challenges this province faces and to share its expertise with the community.

Lecturers get first agreement

MEMORIAL HAS REACHED a tentative collective agreement with the Lecturer's Union of Memorial University of Newfoundland (LUMUN). LUMUN represents per course instructors who teach 300 course sections a semester.

The deal includes the provincial template for wage increases of eight per cent, four per cent, four per cent, and four per cent in a four-year agreement. It also recognizes seniority in the appointment process.

The deal is subject to ratification by union members

and the Board of Regents in the New Year.

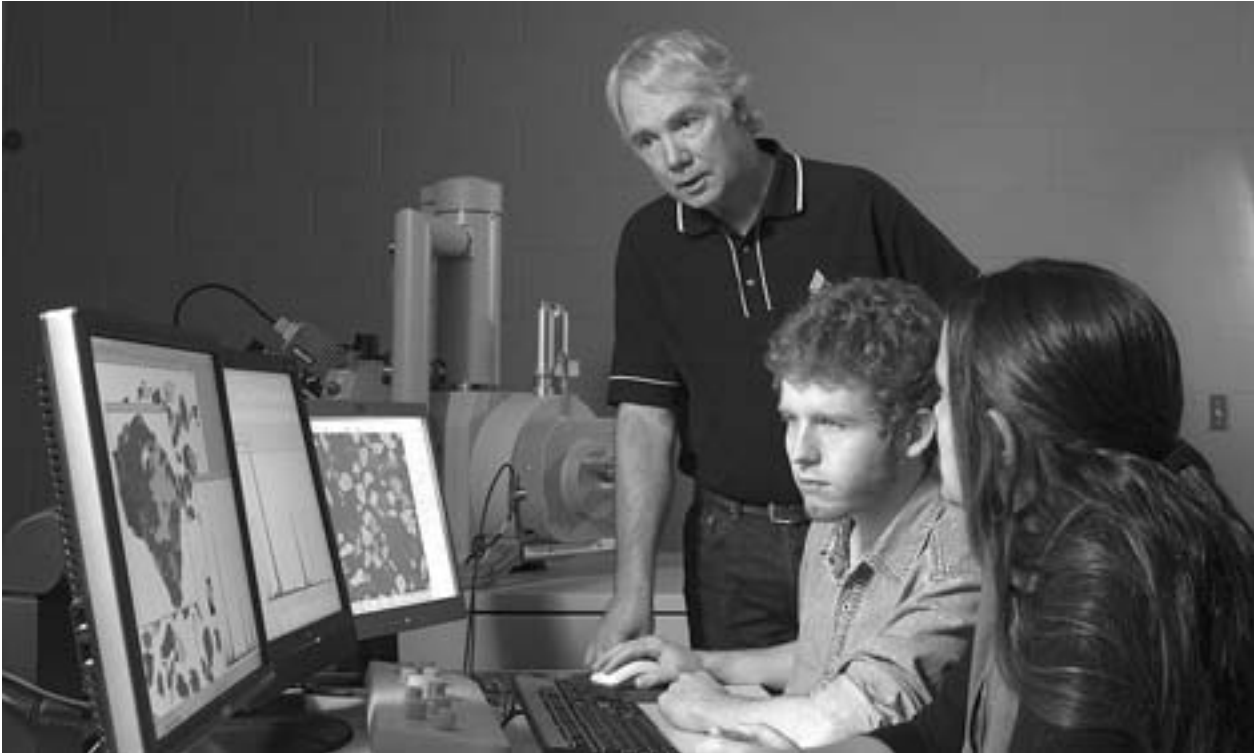
Morgan Cooper, director of Faculty Relations at Memorial, said that the agreement is historic.

"It is a first agreement between the university and union and will lay the foundation for Memorial's future relationship with per course instructors," he said.

Mr. Cooper noted that first agreements are particularly challenging to negotiate.

Both parties bargained hard and are unanimous in supporting the agreement.

Protecting our property



Students are among those protected by new intellectual property policies.

By Michelle Osmond

MEMORIAL UNIVERSITY'S research has grown by nearly 120 per cent over the last five years and if Dr. Ray Gosine has his way, it will grow just as much in the next five years.

However, Dr. Gosine, who is the vice-president (research), *pro tempore*, said with growth comes more research outcomes and more intellectual property to protect. So, in 2006, Memorial officials started the process of revising the university's intellectual property policy to better protect students, faculty and staff.

Richard Ellis, honorary research librarian at Memorial, said changes in technology, an increase in the number of students, issues around web management systems, increases in distance education, and the diversity of research happening here, meant the university was long overdue for a comprehensive statement about intellectual property.

"There were holes in the scope of intellectual property and the scope of people. For example, in the old policy, there was no statement about students or staff, only faculty, he noted.

"The new policy attempts to review all of the kinds of intellectual property there are because intellectual property is a real grab bag. It includes not only copyrights and patents but industrial design and trademarks."

According to Mr. Ellis, the old agreement was in a collective agreement between the university and the Memorial University Faculty Association. It concentrated on the relationship between the employer and the employee and was used to clarify the roles of these two groups in terms of copyright and patents.

"It was designed to ensure the university did not claim copyright of academic output by faculty and that what they produced did not belong to Memorial because whoever does have copyrights can change the content."

However, he added, they tried very hard not to infringe upon that collective agreement, instead taking the positions embedded in the faculty association agreement and extending it to other areas like students.

The new policy dealing with students, which clarifies that intellectual property having to do with students' contributions belong to the student, is welcome news to the School of Graduate Studies. In fact, it was the School of Graduate Studies that prompted the university to change the policies.

"Without a policy, no one knows what the terms of a research relationship might be, and students in particular are vulnerable to getting caught up in serious issues of ownership," stated Dr. Noreen Golfman, dean of the school.

Now, Mr. Ellis pointed out, if there's a discovery made in a lab, anyone who was involved in that discovery

has a right to the intellectual property for that discovery.

Matt Fuchs, president of the Graduate Students' Union at Memorial, said the new policy is a step in the right direction for protecting students but it's not all inclusive.

"There were holes in the scope of intellectual property and the scope of people."

"From the student's perspective, more needs to be done, however, in regards to a policy on corporate research and whistle blower protection. With an administration that takes leaps in the right direction, I am sure that the GSU will be working collaboratively with the university on these two initiatives."

"I think it's time to clarify the relationship between students and faculty in the research setting. This has been an outstanding issue for some time," said Mr. Ellis. "The fact that I was going around turning over rocks brought about a review of other policies and has prompted other units to look at what they're doing. It makes things clearer."

But, he added, "Like all policies, it should be reviewed every five years so it's still where we want to be."

Intellectual Property includes the rights relating to:

- literary, artistic and scientific works, including computer software;
- performances of performing artists, phonograms, and broadcasts;
- inventions in all fields of human endeavor;
- scientific discoveries;
- industrial designs;
- trademarks, service marks, and commercial names and designations;
- protection against unfair competition; and
- all other rights resulting from intellectual activity in the industrial, scientific, literary or artistic fields.

IN BRIEF

National award for nursing professor

Dr. Lan Gien, School of Nursing, received the prestigious Centennial Award from the Canadian Nurses Association, presented at a ceremony in Ottawa on Nov. 26. The event was part of the association's year-long program of activities created to mark its 100th anniversary.

The Centennial Awards were created to honour exceptional registered nurses whose work has had a positive impact on nursing and on the lives and health of Canadians. Recipients were nominated for the one-time-only award by their peers in recognition of their contributions to the profession, the workplace and the health system.

During her 30-year career with the School of Nursing, Dr. Gien has made a significant contribution in advancing excellence in international health and research. She has been the director or co-director of teams that procured over nine million dollars in research grants for projects in Canada and abroad.

Her research is targeted towards community issues, such as reducing poverty, controlling HIV/AIDS, helping ethnic women access information on pre-post natal care and breastfeeding, training primary health-care workers and understanding how resource depletion affects communities in Newfoundland, Nova Scotia, Finland and Vietnam.

Dr. Lien has also conducted research to identify the needs of multicultural women and developed a cross cultural resource kit for ethnic women experiencing abusive relationships in Canada. She has authored over 115 scientific communications including 20 books or book chapters.

Prof donates prize to community group

A well-known community group is able to ensure families have food on their tables this holiday season thanks to the efforts of a Memorial professor.

Dr. Wade Locke, who teaches in the Department of Economics, today donated a cheque for \$1,000 to the Community Food Sharing Association.

Dr. Locke received this year's President's Award for Exceptional Community Service at a ceremony in November.

The honour includes a \$1,000 award which Dr. Locke donated to the association.

He said the group was an "obvious choice," when he decided to pass the money onto a worthy organization.

Dr. Locke presented a cheque to Eg Walters, general manager of the association.

He said he wanted to try and help families who need a helping hand and "to show some Christmas concern and spirit for people who are less well off."

Collaborative research culminates in major award for profs

More than 30 publications and presentations on whaling history over 20 years have resulted in a lifetime achievement award for two members of the Memorial community.

Dr. Chesley Sanger, a professor *emeritus* from the Department of Geography, and Dr. Anthony Dickinson, a professor of biology and executive director of the International Centre, were recently honoured for their collaborative research into 20th century whaling, a significant component of global maritime trade and employment, including for this province.

The pair received the 24th annual L. Byrne Waterman Award at the 33rd annual Whaling History Symposium of the New Bedford Whaling Museum in New Bedford, Mass.

Both have completed extensive research into whaling history individually and as a team.

Most recently, their book *Twentieth-Century Shore-Station Whaling in Newfoundland and Labrador* (McGill-Queen's University Press, 2005) garnered stellar reviews, including the 2006 Keith Matthews Award presented by the Canadian Nautical Research Society for the best book published in 2005 on a Canadian maritime history topic.

The L. Byrne Waterman Award was established in 1983, and is presented at the Whaling Museum's annual Whaling History Symposium each October in recognition of outstanding contributions to the study of whaling.

Words of wisdom



PHOTO BY CHRIS HAMMOND

Terry Matthews

By Jeff Green

RESPECTED ENTREPRENEUR and engineer Sir Terry Matthews brought his savvy business sense to the university community during a new public lecture series

which was launched on the St. John's campus on Tuesday, Dec. 9.

The President's Speaker Series on Entrepreneurship welcomed Sir Terry Matthews, co-founder of Mitel Corporation, a leading provider of communications solutions for a range of organizations.

Sir Terry is also the first billionaire to come from his home country of Wales. He currently resides in Canada.

During a presentation in the D.F. Cook Recital Hall in the School of Music, he delivered a lecture titled *On Entrepreneurship: From Mowers to Microprocessor*.

Sir Terry said those looking to make it big in business should keep the basics in mind.

"Persistence," he said, "[is the] single most important word. There is no substitute for hard work ethic. You need to be smart. You need to direct what you're doing."

A world-renowned entrepreneur, Sir Terry has helped start up more than 60 companies throughout his career. He is described as a highly unusual blend of talented engineer, evangelical salesman, technological visionary and a "serial entrepreneur."

His most notably start-ups were Mitel and Newbridge Networks which played a major role in the development of Canada's "Silicon Valley North."

Sir Terry said he was moved by his visit to Memorial and the connection he fused with the university community.

"I get from the relationships I develop today, there are people here today that will have a go, make a difference, make a noise," he told the audience. "So I invite you to work with me. Get out there, have a go, make a little noise, kick a little butt, make a noise around the planet. I'll be back."

Dr. Eddy Campbell, Memorial's acting president and vice-chancellor, said he was delighted to welcome such an engaging and outstanding entrepreneur for the launch of the speaker series.

He said his idea for the series on entrepreneurship builds on the university's current strengths. Dr. Campbell noted that Memorial has been encouraging its students, faculty, staff and alumni to "be ingenuous, to be creative, to be innovative and to be entrepreneurs. And, that's in part what this lecture series is intended to support."

Sir Terry, like so many Newfoundlanders and Labradorians, has a strong allegiance to his native land. He has invested hundreds of millions turning Celtic Manor, the former nursing home in which he was born, into Europe's largest hotel, golf and conference centre. He is quoted as saying "I think the resort can act as a magnet to draw new investment into Wales from across the U.K. and overseas. I did my best to put up a building that you can see from the West End of London and I didn't come far short of it!"

In 2001 his contribution to the U.K. was recognized through a knighthood.

PAPERS & PRESENTATIONS

Dr. Sudhir B. Abhyankar, Chemistry, Environmental Science, at Sir Wilfred Grenfell College, was a member of a delegation of chemistry and chemical engineering professionals to China during Nov. 10-21. Dr. Abhyankar was invited to present a talk on Green Chemistry in Undergraduate Education at the Guangxi Normal University, Guilin, China. The delegation visited a number of universities and research institutions in Beijing, Guilin and Shanghai.

Mary Dalton, English, was one of the featured writers at this fall's Ottawa International Writers' Festival. In one session she read from a new series of aleatory poems; in another she read work from the just-released *Jailbreaks: 99 Canadian Sonnets*, edited by Zachariah Wells, and participated in a panel discussion on the nature of the contemporary sonnet.

Dr. Julian M. Dust, Chemistry, Sir Wilfred Grenfell College, co-authored a paper titled *Towards Light Harvesting (LH) Polymeric/copolymeric Systems: Naphthalene Donor and Azobenzene Acceptor linked by a Methylene Bridge* that was presented at the 35th Ontario-Quebec Physical Organic Mini-symposium held Nov. 14-16 at the University of Ottawa.

According to Thomas King, "the truth about stories is that that's all we are;" whether they are the narrative experiments of the sciences or the just so stories of art. This year marks the 200th anniversary of the most famous formulation of one of our central stories – Faust. Goethe's take on Faust's pact with Mephisto alludes to the modern human addiction of finding a reason, a function, a quantifiable yield, that has by now infiltrated all aspects of our lives, and has effectively become synonymous with pleasure. The list of Faust adaptations is of course legion: from Patagonia to Newfoundland, from Durrell's *An Irish Faustus* to Teduka's manga works; from Rembrandt to one-time Brigus resident artist Rockwell Kent, in the visual arts (with some 200 film versions alone, including the Newfoundland production of *The Adventure of Faustus Bidgood*); from Berlioz to Busoni to Jagger, and count-

less others, in music. To mark this 200th birthday, the top 40 world scholars in the field were asked to contribute to two anthologies, one produced on this side of the Atlantic (International Faust Studies, California State University), and one on the other side, in Weimar, edited by Jochen Golz, President of the Goethe Society.

Dr. Richard Ilgner, associate professor of MUN's Department of German and Russian, was one of only three of these scholars to be asked to contribute to both books on the strength of his three-volume study (begun in 2001), the third and final volume of which, *The Extinction of Sapience*, also being made to coincide with this anniversary year. Dr. Ilgner will be retiring from MUN in 2009.

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interview process in order to fill those seats. A mentorship program and tutoring facility will be introduced for successful Aboriginal applicants to ensure their success through the medical program, as well as special rotations in Aboriginal community settings to help link their medical education with their cultural background.

"The Faculty of Medicine will put in place a transition year for Aboriginals with bachelor's degrees, designed to improve their chance of admission to medical school," explained Dr. Sturge Sparkes. "I will also be working with others on the revision of the undergraduate medical

program from a culturally sensitive position, in collaboration with community partners in the province's Aboriginal organizations. We want a medical education curriculum that is welcoming to Aboriginal medical students and ensures that other medical students receive an education that fully addresses the health, wellness and care needs of the province's Aboriginal populations."

Dr. Sturge Sparkes has already made contact with Aboriginal students at Memorial to discuss their concerns and what supports they need. In January the first advisory committee meeting for the Aboriginal health initiative will be held with First Nations, Métis and Inuit representatives.

The proposed design of the new master's of public health program will include the examination and revision of the approach and content of exiting courses that are part of the program, and culturally sensitive design of all the new courses developed. The program will also be designed to include at least one practicum opportunity in a First Nations, Inuit or Métis setting.

Dr. Donovan said that in addition to the proposed design changes for Memorial's master's in public health program, the Faculty of Medicine has worked with the National Consortium on Aboriginal and Rural Public Health Education to adapt one or more Memorial graduate courses for online delivery across the country and to promote enhanced access to public health education for Aboriginal students.

NOTICE

Effective January 8, 2009, ALL USERS of any public computer in the Queen Elizabeth II Library will be required to have a current LabNet Account. An account can be set up at the following service points:

QEII Library Computing Support Desk 737-6159	Monday - Thursday Friday Saturday Sunday	8:30 a.m. – 10:00 p.m. 8:30 a.m. – 6:00 p.m. 10:00 a.m. – 6:00 p.m. 10:00 a.m. – 10:00 p.m.
Chemistry-Physics Building CP2004 737- 8455	Monday - Friday Sunday	9:00 a.m. – 5:00 p.m. 1:00 p.m. – 5:00 p.m.

For service hours during the Christmas break, please call the service desks at the numbers provided or consult the web at www.library.mun.ca/qeii/hours.php, or www.mun.ca/cc/computer_labs/cp2004_info.php.

Memorial University faculty, staff and students may also obtain their LabNet accounts in the computer laboratory of their faculty/school/department. For more information about this service, please call 737-6159



Jillian Terry

Holiday shopping despite the slowdown What recession?

IT'S ALL OVER THE NEWS: an economic recession, the global credit crunch, a world financial crisis – not really information that'll get you into the festive holiday spirit. The worsening state of the economy is enough to make even Santa himself worry about the overhead costs at his North Pole toy workshop. With the current financial situation many Canadians find themselves in this holiday season, it makes sense that you'd expect to see less shopping, perhaps a parking space or two more than usual in the mall parking lot on a Saturday afternoon in December, or a slightly shorter line-up at the local big-box store. At least that's what I was anticipating as I began my holiday shopping a few weeks ago.

What I saw was quite the opposite. I don't know if it's just me – maybe I say this every year – but it really seems as though there are more people shopping than there have been in holiday seasons past. They're shopping more, for longer, and they've started earlier – it just doesn't make any sense. We won't know for sure until long after the trees and trimmings have been taken down, but at least from this student's perspective, the threat of an economic recession sure hasn't done anything to curb holiday spending around these parts.

Now, I'll admit that I am likely a part of this phenomenon. The worsening financial situation in Canada hasn't directly affected me yet – I don't own a house, my only investment is my precious four-year-old laptop, and foreign currency exchange isn't one of my daily activities. So, I haven't stopped buying – I estimate that I am about on-par with last year in terms of holiday spending, though with an increased workload at school, I've left it for later in the season to begin my gift purchasing. Regardless of timing, my perception of holiday shopping, at least here in St. John's, is that it is chugging along fast and furious, with little to no slowdown from the economic crisis many of the world's highly industrialized democracies have found themselves in in recent months.

What really gets me isn't the commercialism itself, or even the way society seems to be blatantly ignoring the impending economic doom that is being predicted by Canada's top financial analysts. No, it's the way people act. In malls, lineups, and parking lots across this great nation, people are acting as though it is absolute torture to buy a gift for a loved one. Each minute spent in a cash register queue or waiting for a sales associate to reach an item on a top shelf is a minute utterly wasted, disgracefully never to return again. Whether or not people have

the money to shop this year, they are – but they're not happy about it. It almost makes me wish for a society who believed what those analysts are telling us about the danger of credit, in the hopes that it might make for some empty mall corridors.

Whatever the public really thinks about the state of the economy, it is this negative attitude seen in holiday shoppers that explains precisely why I have done virtually all of my Christmas buying online this year. "Don't you miss getting into the festive spirit of shopping during the holidays?" my friends ask. What festive spirit? The angry glares, the elbowing and shoving, the yelling and complaining? No, I can't say I miss that at all. Finding unique gifts for my friends and family from the comfort of my own home with a glass of eggnog next to the computer screen while I shop? Now that's what I call festive spirit. Recession or not, online shopping has me walking in a Grinch-free wonderland this holiday season.

Jillian Terry is a busy student who, between studying for finals, actually found the time to squeeze in some online and in-store holiday shopping this year (you're welcome, friends and family).



PHOTO BY COLLEEN MACKENZIE

Candle lighting ceremony at the Engineering Building on Dec. 6 to remember the Montreal Massacre.

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SNC-LAVALIN

HEALTH RESEARCH ETHICS AUTHORITY TRANSITION TEAM

2nd Floor, Eastern Trust Building
95 Bonaventure Ave.
St. John's, NL, A1B 2X5

CALL FOR EXPRESSIONS OF INTEREST HEALTH RESEARCH ETHICS BOARD

The Health Research Ethics Board (HREB) is the voluntary committee which will be mandated on proclamation of the Health Research Ethics Authority Act (the Act) to review and approve health research which is to be conducted in Newfoundland and Labrador.

This is a call for Expressions of Interest from those wishing to offer themselves as potential members for this committee. Appointments will be for a term of not more than three years with a possible invitation to a second term; and will commence after proclamation of the Act early in 2009. Terms of less than three years will be considered.

This committee will be comprised of volunteers who are willing and available to attend meetings every second Thursday evening from 4 PM to 7 PM. As with most substantive committees, work and review of agenda items are necessary for each meeting. There are normally 24 meetings per annum.

We are seeking the following persons

- Researchers with experience in health research OR training in research methods
- Lay persons with postsecondary education and an interest in research
- Lawyers with an interest in research
- Ethicists with an interest in health research

Those wishing to be considered for this committee should submit a current CV along with a cover letter briefly addressing the following:

1. Any experience in ethics review
2. The basis for any interest in health research?
3. The basis for any interest in research ethics review
4. Any restrictions on ability and availability to prepare for and attend a three hour meeting every other week for 26 weeks of the year (the committee does allow shared or alternating positions)

A letter with an attached CV should be submitted not later than January 16, 2009 to

Linda Purchase, Ethics Officer
HREA Transition Team
2nd Floor, Eastern Trust Building
95 Bonaventure Ave
St. John's, NL, A1B 2X5

Grenfell sociology course breaks the norm

By Pamela Gill

STUDENTS IN CHRISTINE Abbott's Sociology 2000 class have been breaking the rules all over Corner Brook.

The Grenfell sociology professor asked her students to "break a norm" and then write about it: Which norm did they break? How did it feel? What were the reactions of others around them?

"It was just so utterly random and unexpected from anybody from any type of background."

The submissions from her students ranged from eating off other people's plates and spitting on the floor to submitting a poorly written paper on purpose, and driving through a drive-through on a bike.

"The assignment is meant to have students experience the 'power' of behavioural social norms in our daily lives," said Prof. Abbott. "By challenging themselves to break a social norm, they experience what it feels like to be other than what is considered 'normal' by the majority of the population. While many wrote of the anxiety and stress they felt before breaking a norm, they ultimately

found the experience to be freeing and empowering."

First-year student Jessica Osmond of Gander decided to invite her friend, Kathi-Lee Regular of Baie Verte, to an evening of fine dining – at McDonald's.

"When I finally came up with my McDonald's idea, it just instantly grabbed on," said Ms. Osmond. "I knew if it made me and my friends laugh just talking about it, we would definitely turn some heads and get some good reactions actually doing it."

She said it was the total absurdity of the concept that struck her – to dress up to the nines, spread out a table cloth and drink pop out of wine glasses.

"It was the idea of setting up a fancy table at McDonald's and eating our food with knives and forks," she said. "It was just so utterly random and unexpected from anybody from any type of background."

Ms. Osmond said she actually found that breaking the norm was "fulfilling."

"It felt so good to put ourselves out there and completely astonish people to the point where they didn't even know how to react," she said. "Both Kathi-Lee and I agreed that we felt so free while doing it, that we wanted to do things like it all the time. In a way, you almost feel a sense of power. Even though people thought that we were the subjects for their observation, we were actually observing and analyzing them."

After breaking such a norm, she reflected, one comes to realize how ridiculous some expectations in our culture

really are. Ms. Osmond said the sociology course has helped her understand the underlying boundaries that infiltrate our subconscious.

"You begin to question 'why is this such a big deal?'" she said. "Many of the things for which people are looked down upon could be avoided if society didn't form all of these 'rules' that we are expected to obey."



PHOTO SUBMITTED

Grenfell students Jessica Osmond of Gander, left, and Kathi-Lee Regular of Baie Verte, enjoy an evening of fine dining at McDonald's.

Building for Belize

By Jeff Green

THE TINY CENTRAL American country of Belize may be a world away from this corner of the globe, but a group of people from the Memorial community will get to experience its culture up close and personal in the New Year.

A team of students, staff members and pensioners are travelling to the historic country as part of an international mission to help build a classroom for underprivileged children.

They're volunteers with the Church Lads' Brigade (CLB) and are driven to help make a difference in the lives of the poor.

Though their trip is still months away, the team has kicked off a unique fundraiser, selling homemade bird feeders as holiday gifts.

In total, five Memorial students, including one from the Marine Institute; two current staff members; and one pensioner are taking part in the CLB Mission Belize Team which also includes more than 30 youth members and more than 10 other officers from this province.

The team will travel to San Pedro Island next summer in conjunction with the South American Missionary Society.

The Memorial team will draw on their professional work and education experiences to make the trip a success.

"We will have a medical team of a doctor and a nurse, members of the clergy, and a number of CLB officers which include people from different professions such as a police officer and carpenters," said Bobbi Dwyer, an employee in the Office of Student Recruitment. "Additionally, we have staff who have experience in finance and administration, and our students have a skill set of their own."

She said team members jumped at the chance to travel to Central America to help others.

"In the centre of San Pedro Island there exists a pocket of very underprivileged people, many of whom live in



PHOTO BY CHRIS HAMMOND

Bobbi Dwyer, Laura Power and Ruth Leake are raising money for the CLB Mission Belize Team.

shacks situated in salt water marshes," she noted. "The Anglican Church there, under the direction of Francis Wilson and the bishop in Belize, Bishop Philip Wright, began to develop Holy Cross Anglican School in the fall of 2006. At that time there were 86 students and this school now has over 500 students and has a major need to expand and continue to develop.

"There is also a critical need for a medical facility. Just recently a child died because there was no medical facility available to treat her. While there we will be building a classroom which will also house a medical clinic and we will also be conducting some programs with the underprivileged children."

To raise money to travel to Central America, the team is currently selling homemade bird feeders. So far they've constructed nearly 4,000 of them. They're selling them for \$10 each and those donating \$25 or more will be eligible for an income tax receipt.

"Our hope is that people will take these bird feeders

home and hang them in their trees," said Ms. Dwyer. "Over the winter when the wind blows and your little house is covered with snow, perhaps you will look at it and say 'Hey, because of me, a few more children can go to school today or be saved because they have a medical clinic.'"

"Another fundraiser will take place in February of 2009," she added. "We will be hosting a soup and sandwich luncheon at St. Augustine's Church on Westerland Rd. It is our hope that Francis Wilson, founder and superintendent of Holy Cross School in Belize, will be visiting us during February and will be a guest speaker at this lunch. Memorial students and employees will be encouraged to purchase tickets and attend this luncheon."

Meanwhile, anybody interested in purchasing a bird feeder or learning more about the Belize mission can contact Ms. Dwyer at 737-8640, Ruth Leake at 737-2463 or the CLB Armoury at 722-1737.

NEW FACULTY

Introducing Memorial's new teachers and researchers



Dr. Suzanne Mills Environmental Science

Suzanne Mills has found the perfect place to conduct her research – Grenfell College.

“I have an affinity for people living and working in rural communities in Canada,” said Dr. Mills, a faculty member in Grenfell’s environmental science program. “This was fostered by working as a field assistant throughout my first two degrees in many communities across Canada and the U.S.”

Dr. Mills’ research focuses on employment in natural resource sectors. She has examined the impact of gender, class and Aboriginal identity on individuals’ experiences of workplace change as well as how institutions can create more inclusive work spaces. For

instance, her recent research has examined how unions are striving to better represent Aboriginal workers and engage with Aboriginal communities.

Dr. Mills completed a B.Sc. in wildlife biology at McGill University in 1998, a M.Sc. in conservation biology from the University of Alberta in 2001, and a PhD in human geography from the University of Saskatchewan in 2007. Most recently, she was a SSHRC postdoctoral fellow and lecturer at Queen’s University (2007-08).

In addition to research and teaching, Dr. Mills is assisting in the development of an Environmental Policy Institute and a graduate degree program in environmental policy for Grenfell College.



Dr. Robert Ormsby English Language and Literature

Dr. Robert Ormsby is the latest addition to the Faculty of Arts’ English Department. He was hired to teach Renaissance drama, and specializes in Shakespeare in performance. Dr. Ormsby is currently teaching Shakespeare 3200 and English 1102 (a critical reading and writing course with a focus on drama).

Dr. Ormsby completed his PhD at the University of Toronto and worked as a sessional instructor there, teaching Shakespeare, Modern Drama and Theatre History for three years. He has edited Julius Caesar for Source Book Publications, and has published in *Shakespeare Bulletin*, *Canadian Theatre Review*, and *alt.theatre*. In 2009, his article on a Canadian adaptation of *Richard II* will appear in

Modern Drama. “Several years down the line, I hope to have completed and published a history of Shakespeare’s play *Coriolanus* on stage and on screen for Manchester University Press,” said Dr. Ormsby.

Dr. Ormsby said he is particularly impressed by the QE II Library.

“Because of the size of the faculty in the department (about 30 full-time members) and because everyone seems to be friendly in Newfoundland, the sense of collegiality is exceptional,” said Dr. Ormsby. “People in the department are remarkably kind and welcoming, and the faculty gets together regularly outside of class. There is a really positive sense of community here.”



Dr. Sharon Penney Faculty of Education

Memorial’s Faculty of Education welcomes back Dr. Sharon Penney, who taught in the faculty during the 2005-06 academic year.

Since completing her PhD in 1997, Dr. Penney has worked as a counsellor in the school system in Alberta, a clinical psychologist with the Alberta Mental Health Board, and with the Kawartha Pine Ridge District school board as a school psychologist.

“I was working with students with a variety of learning issues,” she explained. “My main focus was children with autism spectrum disorders.” Dr. Penney is also a registered psychologist (Alberta) and is in the final stages of completing the registration process for the Newfoundland and Labrador Psychology Board.

With a Social Work degree from Memorial, master’s in education (guidance and counselling) from the University of New Brunswick, and a PhD (educational psychology-special education) from the University of Alberta, Dr. Penney is currently teaching a course called The Nature and Characteristics of Emotional and Behavioural Disorders.

Her main research interest is autism – specifically in the comorbid mental health issues that many adolescents and young adults with autism experience.

“Depression and anxiety disorders are common,” she explained.



Dr. Andrei Igamberdiev Department of Biology

Dr. Andrei Igamberdiev has joined the Faculty of Science as an associate professor with the Department of Biology. He obtained his Dr.Sci. from the Russian Academy of Sciences (Moscow), and his PhD from Voronezh State University in Russia. He has previously worked in universities in Russia, Germany, Sweden, Denmark and western Canada.

Dr. Igamberdiev’s primary research areas are photosynthesis, plant respiration, hypoxic metabolism and theoretical biology. He is currently teaching courses in plant physiology and applied ecology where he focuses on anthropogenic aspects and how these events in the modern biosphere can predict future changes.

“I’m interested in plants at different levels – molecular, whole plant and even the biospherical level,” he said. “At the moment I’m researching how plants adapt to environmental stresses such as low oxygen conditions caused by flooding.”

Dr. Igamberdiev also delves into theoretical biology. He said now is the time to develop biology not only as an experimental science, but also as a theoretical discipline.

“We need to understand relationships between theoretical biology, physics and foundations of mathematics,” he said. “We are looking at fundamental structure – or what makes living systems different from non-living systems. How these systems can sustain themselves, reproduce and be able to evolve.”



Aaron Hodgson School of Music

A graduate of the University of Western Ontario, where he obtained a bachelor of music degree, Aaron Hodgson also holds a master of musical arts from the Yale School of Music where he is also in the process of completing his doctorate.

An accomplished solo, chamber and orchestral musician, he said he quickly settled into his first gig as a faculty member since joining Memorial in September.

“I enjoy teaching so much that words like ‘job’ or ‘work’ don’t seem to apply,” he noted. “Seeing a trumpet student make progress is even more rewarding than my own improvement.”

Since taking up roots, he has also been involved in a number of

projects outside the classroom. This fall, he travelled to coastal Labrador with the Brass Ensemble, gave an hour-long, solo recital which was recorded live for broadcast by CBC, and he was a semi-finalist for this year’s Montreal Symphony Orchestra Concerto Competition.

“It’s been a real whirlwind, but a fun ride,” he added.

As for future projects, Mr. Hodgson said he and a Yale colleague, who currently lives in Japan, have begun commissioning new works from composers, with the goal of co-premiering them on two continents.

“I will also be performing in the section of the New Jersey Symphony for a week in April, conducted by one of my heroes, Neeme Jarvi,” he said.

Deans', directors' and principal's lists 2007–08

Faculty of Arts Dean's List

ADAMS, Dawn
ADAMS, Joel
AIKMAN, Amelie
ANDERSON, Kenneth
ANSTEY, Robert
ATTWOOD, Samantha
AUBERT, Sarah
AUSTIN, Elizabeth
AVERY, Ashley
AYLWARD, Erin
AYLWARD, Stephen
BARNES, Carolee
BENNETT, Liam
BILL, Roger
BLAKLEY, Morgan
BOULOS, Alan
BOWDEN, David
BRACE, Samantha
BRASSARD, Janine
BREEN, Robert
BRUFF, Kyla
BUDGELL, Deidre
BULGIN, James
BUNGAY, Jonathan
BURSEY, Elizabeth
BURT, Evan
BURT, Leah
CALLANAN, Timothy
CARDINAL, Matthew
CAREW, Joseph
CAREW, Mark
CEJ, Remzi
CLEVELAND, Kayla
CLOWE, Laura
COHEN, Darcie
COLLINS, Candace
COLLINS, Jeremiah
CONNORS, Margaret
CRITCH, Aaron
CROSSAN, Hilary
DA COSTA, Andre
DALEY, Eleanor
DANIELS, Matthew
DARCY, Michael
DAVIS, Gregory
DAWE, Jessica
DE ROO, Tessa
DECKER, Lacey
DENTY, Megan
DESSON, Rae
DOHEY, Stephanie
DOLD, Sophie
DOODY, Rodney
DOWNEY, Chris
DROVER, Samantha
DUNNE, Bradley
EVANS, Kayla
FELT, Alanna
FELTHAM, Leia
FLYNN, Amy
FOLEY, Brittany
FORSYTH, Jillian
FRENCH, Gregory
FUREY, George
GALLAGHER, Richard
GILL, Kimberly
GILLINGHAM, Michael
GRACE, Byran
GRANT, Hilary
GRANT, Robert
GREEN, Deidra
GREENE, Jamie Lynn
GUINEY, Kathleen
HAINES, Phillip
HAPGOOD, Adam
HARLEY-THOMAS, Calluna
HARRIS, Michael
HART, Kristan
HARVEY, Andrew
HAWKINS, Jenna
HEANEY, Olivia
HEWLETT, Gregory
HICKEY, Cindy
HICKEY, Trevor
HILL, Heather
HOGAN, Sarah
HOLLETT, Meghan
HOLLOWAY, Benjamin
HOSKINS, Megan
HOWSON, Kimberly
HUNG, Yu-Shan
HURICH, Petter
HUSSEY, Tracy
HYNES, Annette
INGRAM, Alisha
INGRAM, Elizabeth
JENKINS, Nigel
KAPOOR, Ashley
KAVANAGH, Allison
KAVANAGH, Shawn
KEITH, Fiona
KHRAISHI, Sarah
KINDERVATER, Alexandra
KINGWELL, Megan
LANGILLE, Courtney
LARACY, Ashley

LAU, Grace
LAWRENCE, Lyndsey
LEBLANC, Joannie
LEBLANC, Kathleen
LEAMON, Shaundel
LEE, Theresa
LINEHAN, Jennifer
LOTHIAN, Kelsey
LOUGHEED, Marion
LYNCH, Randye
MACKEY, Alexandra
MAJOR, Duncan
MALLINSON, Hannah
MALONE, Meaghan
MARGOLIS, Matthew
MARTIN, Sarah
MASON, Elizabeth
MAXWELL, Erin
MCDONALD, Sarah
MCGEE, Nicholas
MCLEVEY, John
MCNABB, Christopher
MERCER, Kerri
MICHELAU, Jennifer
MILLER, Crystal
MILLEY, Andrew
MISKELL, Peter
MORRISSEY, Daniel
MOULTON, Matthew
MURPHY, Kate
MURRAY, Daniel
NEWCORBE, Katherine
NOFTALL, Andrea
NURSE, Kristina
O'NEILL, Kerry
O'REILLY, Sara
OKSHEVSKY, Mira
PARKER, Charlene
PARSONS, Amy
PARSONS, Justin
PEDDIGREW, Michael
PEDDIGREW, Sarah
PERRY, Sarah
PHILLIPS, Katie
PILLER, Clark
PITCHER, Sarah
POWELL, Lilian Andrea
POWER, Kimberly
POWER, Matthew
PYNNE, Jessica
QUINLAN, Heather
RALPH, Kayla
RATNAM, Samantha
REES, Kyle
REID, Peter
RIETI-LOVELACE, John
ROBBINS, James
ROSE, Jacinta
ROSE, Tyler
ROSS, Stephen
ROWSSELL, Mandy
ROYLE, Melissa
RUMSEY, Carolyn
SARLAK, Nira
SHEPPARD, Rebekkah
SINNOTT, Mari-Lynne
SMITH, Anna
SMITH, Bradley
SMITH, Jennifer
SMITH, Laura
SMITH, Peter
SNOW, Catherine
SNOW, John
SPARLING, Maggie
STACEY, Megan
STACK, Conor
STAPLETON, Edmund
STONE, Christopher
STUCKLESS, Allyson
SUTTON, Elizabeth
SUTTON-GHANEY, Michael
TERRY, Jillian
THISTLE, Paul
THORNE, Scott
TILLEY, Robyn
TUCK, Erika
TUCKER, Karen
TUCKER, Maryanne
TURNER, Ashley
VAN DER LINDE, Stephanie
WALL, Aimee
WALSH, Candice
WALSH, Evan
WALSH, Kathryn
WALSH, Matthew
WALSH, Melanie
WARREN, Genevieve
WAYE, Nicole
WHITE, Zaren
WHITMAN, Katelyn
WHITTEN, Elizabeth
WICKENS, Chastity
WIGGIN, Emily
WILLIAMS, Jessica
WILLIAMS, Kristen
WILLIAMS, Mark
WINTERS, Laura
WOODMAN, Ronald
WOODWORTH, Steven

WROBLEWSKI, Lily
YOUNG, Crystal
YOUNG, Rebecca

Faculty of Business Administration Dean's List

ABBOTT, Ashley
ADAMKEWICZ, Jennifer
AITKEN, Preston
ATTWOOD, Samantha
AVERY, Steven
BAIRD, Leanne
BARBOUR, Courtney
BARNES, Chris
BARRY, Nikki
BISHOP, Ashley
BISHOP, Grant
BRENNAN, Chris
BROPHY, Janine
BUCKLE, Michael
BURKE, Ashley
BURKE, Daniel
BURRY, Nicholas
CAREW, Mark
CHARD, Melanie
CHURCHILL, Adam
COLLINS, Genny
COMPTON, Jasmine
NOFTALL, Andrea
DICKS, Christopher
DOYLE, Christopher
DOYLE, Hayley
DU PLESSIS, Jacques
DUNPHY, Justin
DWYER, Ashley
DWYER, Matthew
EDMUNDS, Melissa
EDWARDS, Melissa
ENGLISH, Patrick
EVOY, Andrea
FACEY, Nicola
FAHEY, Ryan
FISHER, Amy
FISHER, Sarah
FLINN, Rosemary
FOWLER, Angie
FUDGE, Gina
FUREY, Aileen
GARDNER, Christopher
GOFF, Adam
GOODRIDGE, James
GULLAGE, Erin
GUY, Jacalyn
HAINES, Phillip
HALL, Susan
HANDRIGAN, MaryBeth
HARDING, Jana-Lee
HARRIS, Michael
HEARN, Justin
HICKEY, Shane
HILLIER, Cayla
HISCOTT, Michael
HOBEN, Jennilynn
HOGAN, Sarah
HOGAN, Shawn
HOLDEN, Katherine
HOLDEN, Laura
HULL, Nancy
HUNG, Yu-Shan
HUNT, Jennifer
HURLEY, Sarah
KENNEDY, Katie
KHAN, Shazli
KING, Matthew
LAMBE, Serena
LEWIS, Melanie
MALONE, Edward
MARGOLIS, Matthew
MASON, Susannah
MATTHEWS, Daniel
MCGRATH, Sean
MCKAY, Heather
MEANEY, Meighan
MENCHENTON, Brian
MERCER, Stephen
MITCHELMORE, Christopher
NDEKWERE, Natasha
NURSE, Sharla
O'BRIEN, Cara
O'REILLY, Kathleen
PARDY, Siobhan
PEDDIGREW, Michael
PEDDIGREW, Sarah
PIERCEY, Elizabeth
PITTMAN, Jason
PITTMAN, Sean
POLLARD, Amy
PORTER, Hayley
POWER, Connie
QUACKENBUSH, Katherine
RATISAI, Ruvimbo
REDDICK, Jennifer
REID, Amanda
RENNIE, Jennilee
RUYAN, Jaafar

SINGLETON, Jeff
SISSOHO, Wedieu
SMART, Allison
SMIRNOFF, Maria
SMITH, Bradley
SMITH, Jennifer
STACK, Ryan
TENG, Yao
THORNE, Scott
TUFF, David
VERMA, Heena
WADE, Allison
WHIFFEN, Stephanie
WHITE, Matthew
WHITE-DZURO, Alexandra
YU, Siwen
ZHANG, Lien

Faculty of Education Dean's List

BALL, Jillian
BARKER, Angela
BARNEY, Lanny
BATH, Jocelyn
BATTEN, Jaclyn
BEAUDRY, Gerry
BENNETT, Adriana
BEST, Sara
BOONE, Tenniel
BOONE, Wendy
BRATTON, Kent
BRAZIL, Aimee
BROADBENT, Micheal
BROCKERVILLE, Krista
BUDGELL, Melissa
BURKE, Anna
BURRIDGE, Krista
BURTON, Nichole
BUSSEY, Kirk
CANOVA, Jillian
CARROLL, Matthew
CARTER, Stephen
CHAULK, Kent
CHURCHILL, Tonia
COLBOURNE, Amy
COLBOURNE, Mary
CREWE, C. Julia
DALLEY, Deidre
DAWE, Deanne
DAWE, Paul
DELANEY, Stacey
DILLON, Kayla
DOODY, Stefanie
DORIE, Heather
DOWNEY, Jennifer
DOYLE, Joanne
DRISCOLL, Nicole
ENGRAM, Krista
FACEY, Matthew
FITZGERALD, Brittany
GIBBS, Nicholas
GILBERT, Stephen
GILLIS, Erin
GREENE, Nancy
HAMILTON, Elizabeth
HAMMOND, Lindsay
HEALEY, Holly
HEDD, Jennifer
HENDERSON, Scott
HENDRA, Laoghan
HILLIARD, Vanessa
HOWELL, Julia
HOWLEY, Catherine
HUXTER, Nikita
KEEPING, Loni
KNEE, Ashley
LAMBERT, Matthew
LETHBRIDGE, Amy
LYE, Carolyn
MACGREGOR, Ashley
MACINTYRE, Amy
MACKINNON, Brett
MANNING, Shawn
MARSH, Sara
MCNEILL, Rebecca
MEADE, Daisy
MEGEE, Christina
MERCER, Danielle
MILES, Deanna
MILES, Lesley
MITCHELL, Lori
MORRIS, Lori
MOULAND, Jennifer
MOULTON, Erika
NEWMAN, Angela
NOSEWORTHY, Sarah
OLLERHEAD, Pamela
OXFORD, David
PANNELL, Kiera
PARSONS, Kerrilynn
PATTERSON, Jenna
PAYNE, Kayla
PEACH, Crystal
PERRIER, Catherine
PERRY, Kayla
PICCO, Mark

PITCHER, Heather
POND, Nicole
POWELL, Valerie
POWER, Alison
POWER, Erin
PRIESTLEY, Rebecca
REINHARDT, Morgen
RIESWYK, Jennifer
ROLOSON, Amy
ROSE, Kaylee
SANFORD, Ashley
SLADE, Andrew
SMITH, Rebecca
STOKES, Erica
STRONG, Catherine
SUTTON, Karissa
SUWALA, Victoria
SZETO, Juliana
TRITES, Jennifer
VINNEDGE, Nicholas
WALSH, Kimberley
WELLS, Michelle
WHEELER, Karla
WHITE, Julie
WILLIAMS, Courtney
WOOLFREY, Emily
XIDOS, Tessa

Faculty of Engineering and Applied Science Dean's List

ADESOYE, Abraham
ANDREWS, Leah
ANSARI, Fakhir
APPLEBY, Matthew
AU, Michelle
BAIRD, Matthew
BALL, David
BARBOUR, Stephen
BARRY, Christa
BHASIN, Nukul
BHATIA, Nikhil
BOLT, Aaron
BRODIE, Jane
BROPHY, Peter
BROWN, Heather
BROWN, Stephen
BRUCE, Wayne
BUGDEN, Michelle
BUTT, Andrew
BUTTON, Jocelyn
CHAULK, Albert
CHAULK, Mitchell
COFFEY, Jessica
COLLINS, Krista
COVE, Samuel
CLEMENTS, Timothy
CLUETT, Dennis
ENGRAM, Krista
DAVIS, Angelique
DAWE, Garrett
DIEZ, Mohamed
DIEZ GUTIERREZ KLADT, Jose Antonio
DROVER, Matthew
DWYER, Adam
EBUFEFGHA, Akposeiyifa
EVANS, Neil
FISHER, Chad
FLYNN, Mark
GARLAND, Zachery
GIEBFRIED, Andrew
GORNER, Joshua
GREELEY, Steven
GREGORY, Keegan
GULLIVER, Stephanie
GUY, Brent
HARVEY, Brendan
HATCHER, Dan
HEDD, Frederick
HEFFORD, Michael
HITCHEN-UNDERHAY, Andrew
HOUSE, Thomas
HOWLETT, Kyle
HUMPHRIES, Chris
JEYASURYA, Jeswin
JOHANSEN, Alf
KENNY, Neil
KERRIVAN, Vincent
LANE, Stephen
LEWIS, David
LINEGAR, Allan
LOCKE, Tyler
LOVELESS, Kevin
MARTIN, Evan
MAVIN, Shane
MCCARTHY, Alison
MCKAY, Daniel
MCLEAN, Samantha
MILLER, Whitney
MOORES, Dwayne
MOORES, Nicole
MORGAN, Michael
MYRDEN, Andrew
NEVIN, Christopher

NOEL, Adam
NORMAN, Deidre
NOSEWORTHY, Michael
O'CONNELL, Tamara
OLIVER, Ryan
O'KEEFE, Clare
O'KEEFE, Philip
O'RIELLY, Barbara
O'RIELLY, Kristine
ORGAN, Chris
OSMOND, Andrew
PARK, Jordan
PEDDIGREW, Bradley
PERCHARD, Jordan
PIKE, Amy
PITCHER, Mark
PITTMAN, Laura
POWER, James
QUAICOE, Danette
QUANN, Adam
RADFORD, Danny
ROE-BOSE, Lachlan
ROGERS, David
ROYLE, Michael
RYAN, Bernard
SCAPLEN, Benjamin
SCHOONHOVEN, Daniel
SHARPE, David
SHEPPARD, Matthew
SINCLAIR, Jessica
SINGH, Tristan
SKINNER, Ashley
SKINNER, Justin
SMITH, Alexander
SMITH, Matthew
SNOW, Tara
STAPLETON, Amy
STROWBRIDGE, Randell
SUTTON, Mark
TUCKER, Bradley
VANDRISH, Peter
VISCOUNT, Adam
WADDEN, Thomas
WALSH, Stephanie
WINSOR, Joshua
WINTER, Michael
WONGYAI, Potchara
WROBLEWSKI, Leah
YOUNG, Adam
ZHANG, Pu

School of Human Kinetics and Recreation Director's List

ADAMS, Nichole
BARKER, Paula
BISHOP, Jillian
BORDEN, Elizabeth
BRAKE, Stephen
CHRISTOPHER, Sarah
COLEMAN, Alison
EMBERLEY, Steve
FOO, Stefanie
GREENE, Janelle
HAMILTON, Alan
HART, Nikki
HAYES, Laura
HENDRY, Paul
HIMMELMAN, Kelly
HOGAN, Jennifer
HUANG, Stacey
LONG, Rebecca
MURPHY, Brittany
NOBLE, Shara
PARSONS, Kimberly
PICCOTT, Vanessa
RIDEOUT, Jessica
ROGERS, Sarah
RYAN, Rachelle
SHAVE, Matthew
SKINNER, Katherine
SMITH, Catherine
WADDEN, Katie
WEATHERBIE, Heidi

Faculty of Medicine Dean's List

ANGEL, Douglas
BOUMA, Hanni
BUTT, Renelle
CARSTENSEN, Heinrich Michael
CHARD, Marisa
COLLINS, Peter
DAIGLE, Christopher
DOODY, Lesley
ELIMOVA, Elena
FAWCETT, Sonia
FOLEY, Jacqueline
HART, Adam
HARVEY, David
JENKINS, Gregory
KIDD, Monica
KING, Amy
LANGDON, Matthew

LOCKYER, Michelle
MANNING, Terence G. Neal
OKAN, Denis
SHANDERA, Lori
SPARROW, Kathryn
SPURRELL, Richard Mark
TILLEY, Stephen
WOOD, Ashley
YOUNG, Melanie

School of Music Director’s List

ADAMS, Heidi
BERESFORD, Meaghan
BEVAN-BAKER, Kate
BOWN, Matthew
BURKE, Spring
CHAYTOR, Julie
COSTELLO, Deirdre
DUINKER, Nelle
HARVEY, Lisa
HOLLOWAY, Philip
HYNES, Stephen
KEATING, Meaghan
LATHAM, Scott
PORTER, Barrett
THAVANATHAN, Romesh
THOMPSON, Emily
THOMSON, Kalen

School of Nursing Director’s List

ALLINGHAM, Christi
ANSTEY, Jennifer
ATKINSON, Stephanie
BARKER, Stephanie
BARTLETT, Anna
BATH, Terra
BILLARD, Gina
BILLARD, Melissa
BOLT, Travis
BRAKE, Meghan
BRETT, Kathryn
BROWNE, Deanne
BUDDEN, Kendra
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CSI meets Earth Sciences

By Kelly Foss

DR. ELLIOTT BURDEN, a professor of Earth Sciences, is currently working with a piece of equipment most commonly found in police forensic analysis labs, or featured on hit shows like *CSI*, to look for zombie fossils.

At a new CREAT laboratory managed by Helen Gillespie, this \$200,000 microscope with attached fluorescence analyzer was purchased through Atlantic Canada Opportunities Agency and Petroleum Research Atlantic Canada as an “experimental pre-commercialization item.”

While many of these microscopes exist across the country, only two are currently being used for geological applications.

Having worked with the technology in the past, Dr. Burden said that advances in computers and software have meant this piece of equipment now has real potential for commercial application in geological studies. The science behind his experiments involves taking material – be it modern or ancient – and putting it under the microscope where it is hit with ultraviolet light. As with black lights at parties, many objects fluoresce in different colours. The computer then measures the spectrum of light given off by the material to determine physical and chemical properties.

“The common dogma is that whatever you find in the fossil record actually belongs there,” said Dr. Burden. “That’s not entirely true. What happens is sometimes fossils get recycled – old fossils end up getting mixed with other younger fossils. These old fossils are facetiously called zombies; the dead have come back from their graves.

“Without a fluorescence microscope, you can’t easily tell which fossil doesn’t belong,” he added. “With this instrument, the zombies give off one colour and the fossils that belong to those deposits give off another. I can now separate out assemblages of fossils that belong to a

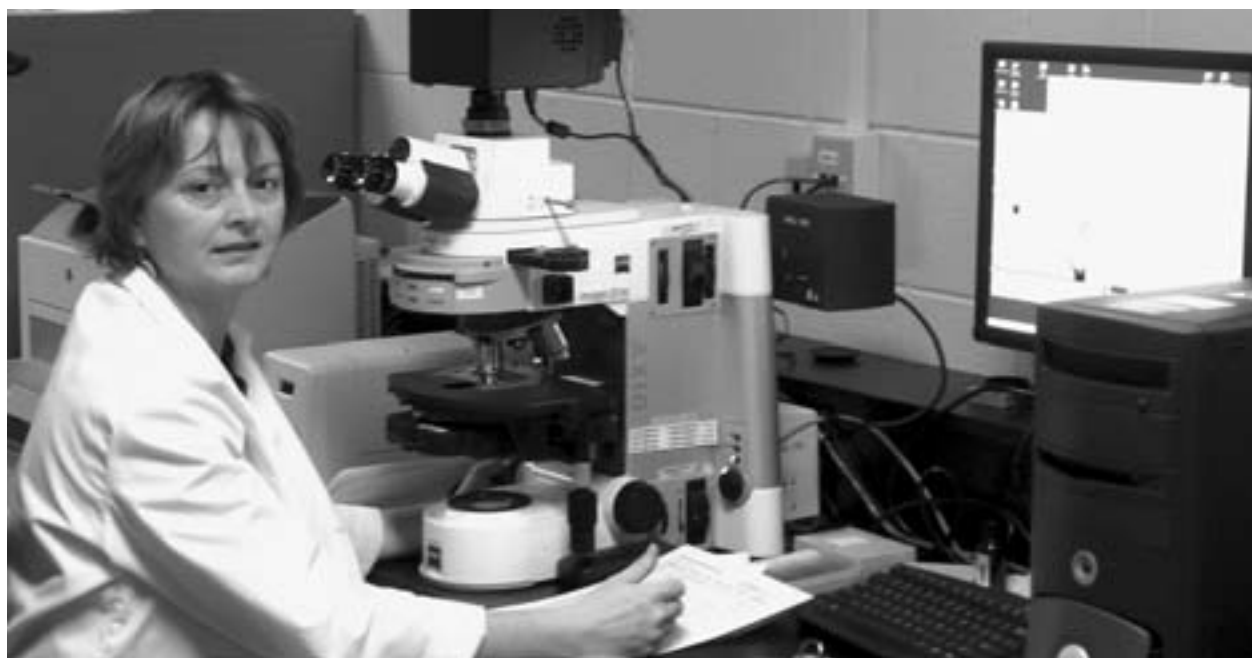


PHOTO SUBMITTED

Helen Gillespie manages the new CREAT laboratory.

“The sense of discovery is tremendous because nobody has really explored where we can extend geological applications.”

rock, and ignore the ones that don’t belong there.”

The microscope allows Dr. Burden to more precisely understand the age of the rock, how deeply buried it may have been, and whether hydrocarbons may have formed or not. These details are very important to the oil industry.

“With this microscope, you can easily see the basic rock lithology that forms oil,” he said. “You can go into a sample and identify all the bits and pieces of material

that generate oil. The microscope provides a very powerful image for geologists to see and to analyze.

“In terms of geological uses, we’re really at the cutting edge of science,” he said. “I came here 26 years ago with the intent of doing this. I had the basic pieces then but I didn’t have sensitive photometers and powerful desktop computers needed to make it work. Now we’re trying to figure out what we can do to commercialize it, and how we can promote it to a larger audience.”

He says the microscope can also be used to identify particular minerals in rocks, as they too will give off distinctive spectral signatures.

“The sense of discovery is tremendous because nobody has really explored where we can extend geological applications,” said Dr. Burden. “We’re just scratching the surface.”

NEWS & NOTES

For more information about the items below, contact Yvonne Thibault at the Office of Research, 737-8251, or e-mail: ythibault@mun.ca

Listed below is a selection of the funding opportunities for which information has recently been received by the Office of Research. For links to further information on these items, visit **Grant Funding Opportunities on the Research website at www.mun.ca/research/overview/grant_opp.php**.

- AACR Funding Opportunities Cancer Research
- AFMNet Call for Proposals – Authenticity and Traceability of Foods and Food Ingredients
- AFMNet Call for Proposals – Strategic Transition and Application of Research (STAR)
- Atlantic Metropolis Centre
- Business-led Networks of Centres of Excellence
- Campbell Collaboration Colloquium 2009
- Canada-Israel Cooperation in Agricultural Research Program 2009-2012
- Canadian Human Rights Commission Request for Proposals – Profiling
- CIHR 2009 Synapse Awards
- CIHR Doctoral Research Award: Physiotherapy and Mobility in Aging
- CIHR Master’s Research Award: Physiotherapy and Mobility in Aging
- CIHR Michael Smith Prizes in Health Research: Canada’s Health Researchers of the Year
- CIHR Operating Grant: Mobility in Aging
- CIHR Randomized Controlled Trials Mentoring Program
- CIHR Top Canadian Achievements in Health Research

- Canadian Soroptimist Grants for Women
- DelPHE Round 4: Call for Applications
- Goldhirsh Foundation Brain Tumor Research Awards Program
- Fulbright Visiting Research Chairs
- Grants to Support Development of Study-in-India Programmes
- Heart and Stroke Foundation of Canada – Request for Proposals
- Heart and Stroke Foundation/PFC Scholarship in Physiotherapy Research
- Italian National Research Council (CNR) and Genome Canada Large-Scale Genomics Research In Human Health
- Kidney Foundation of Canada Biomedical Fellowship Competition 2009
- Kidney Research Scientist Core Education and National Training
- Molly Towell Perinatal Research Foundation
- NSERC-JSPS Postdoctoral and Invitation Fellowships
- Nature’s Legacy 2009-2010 Murre Conservation Fund
- Newfoundland and Labrador Healthy Aging Research Program
- North Pacific Research Board Gulf of Alaska Integrated Ecosystem Research Program
- Offshore Energy Environmental Research Association (OEER) Expression of Interest
- Second Workshop on Practice and Theory of IT Security
- Smithsonian Fellowships
- SSHRC Major Collaborative Research Initiatives (MCRI)

Imminent Deadlines

Jan. 15

Baillie Fund – small grants program.

Canadian Institutes of Health Research – randomized controlled trials (registration).

Juvenile Diabetes Research Foundation International – research grants; career development awards.

Molly Towell Perinatal Research Foundation – The Molly Towell Fellowship; operating funds to support novel and original research by young investigators; funds to support conferences that are focused on dissemination of new research data in the field of Perinatal Medicine.

Shastri Indo-Canadian Institute – grant to support development of study-in-India programmes.

Shastri Indo-Canadian Institute/Mount Allison University – summer programme in India.

Smithsonian Institution – fellowship program.

Jan. 13

The Goldhirsh Foundation – national brain tumor research awards (letter of intent).

January 16

CIHR/Sanofi-Aventis – CANADA-HOPE Scholarship Program (registration deadline).

Canadian Breast Cancer Foundation/Atlantic Chapter – studentship awards program.

Jan. 31

Alexander S. Onassis Public Benefit Foundation – foreigners’ fellowships programme.

National Research Council Canada – H.L. Holmes awards for postdoctoral studies.

Royal Society of Canada – Konrad Adenauer research award (Germany).

Social Sciences and Humanities Research Council (SSHRC) – major collaborative research initiatives (letter of intent).

Looking for a masterpiece



By Bojan Furst

MEMORIAL IS COMMISSIONING a masterpiece of ceremonial music for its 100th regular convocation this spring and the project is sending ripples of excitement through the Canadian music community.

"We were looking for something unique to celebrate this special milestone in Memorial's history, but also for an opportunity to potentially support our graduates and the Newfoundland and Labrador community at large," said Victoria Collins, executive director of the Marketing and Communications division at Memorial.

The idea originated in the marketing and communications department, but it quickly captured the imagination of the music school.

"The first time I heard of this idea, I thought it was brilliant," said Dr. Tom Gordon, director of Memorial's School of Music. "After all, what speaks more directly to experience of Newfoundland and Labrador than music?"

The call for proposals, which is available at www.mun.ca/music/rfp, is directed at Memorial alumni or those composers who have lived in the province.

"We are especially hoping to be able to draw the interest of composers who have some experience of Newfoundland and Labrador, who maybe have a little bit of its music running through their veins," said Dr. Gordon.

The proposal has been widely circulated through professional associations and organizations such as the Canadian League of Composers and the Canadian Music Centre.

"Among Canadian composers, a masterpiece is a work that gets played twice. In this case, the premiere alone will include nine performances for thousands of listeners at spring convocation 2009. Subsequent performances will

add dozens of performances each year," added Dr. Gordon. "So this is a pretty rare opportunity for Canadian composers, Newfoundland and Labrador composers, to write works that are going to have a large audience and many, many performances."

Dr. Gordon said that writing the set of pieces offers interesting challenges because the composers have to take into account that the music has to be of variable length.

"If you have a long line of people coming on the stage, the piece has to be long enough to allow them all to enter. And, just when everyone's in place, it needs to be able to cadence, come to a reasonable stop," he explained. "It's kind of like a puzzle."

Dr. Gordon sees the commission as a lot more than just a piece of ceremonial music. "I think Canadian universities could do a lot more in terms of encouraging creation of new works of art. A commission like this is a way of validating our own composers and creating something that is useful and commemorative at the same time. This is a great opportunity to do that and I am very excited about it," he said.



PHOTO SUBMITTED

Chemistry graduate students show their enthusiasm for the holiday season. They recently celebrated by putting a festive touch on the department's tea-room.

OUTANDABOUT... <http://today.mun.ca>

Thursday, Dec. 18

New employee orientation session 8:40 a.m.-2 p.m. Junior Common Room, R. Gushue Hall. See www.mun.ca/humanres/employees/orientation.php for online videos and resources on how to get the most out of Memorial. If you have not yet received an invitation and require more information, contact Jackie Pitcher-March at jpmarch@mun.ca or phone 737-4615.

Faculty, staff and retiree holiday party 4-6:30 p.m. Breezeway Bar, University Centre. A contribution at the door is welcomed for the campus food bank.

Signalling Pathways Involved in the Inhibition and Promotion of Axonal Regeneration PhD oral defence of Sherri Rankin, Faculty of Medicine, 10 a.m.-12 p.m. IIC-2014, Inco Innovation Centre.

Friday, Dec. 19

Christmas at the Breezeway for CUPE 1615 5-11 p.m. Breezeway Bar. CUPE 1615 Christmas party

is for members, retirees and invited guests of CUPE local 1615.

PhD oral defence of Marina Blokhina, Department of Physics and Physical Oceanography, titled Shoaling Internal Solitary Waves, 10 a.m.-12 p.m. IIC-2014, Inco Innovation Centre.

Wednesday, Dec. 24

Annual carol sing 10-11:50 a.m. Arts and Administrations Building foyer and Reid Theatre.

Tuesday, Jan. 6

On the Nature and Fundamentals of Software Design, a talk by Paul Ralph, Information Systems Division, Sauder School of Business, University of British Columbia, 1-2 p.m. EN-2022, Engineering.

Friday, Jan. 9

The Department of Women's Studies Speakers' Series invites you to attend a presentation by Leisha Sagan, titled Bearing Witness and The Vagina

Monologues 2-3 p.m. Science Building, SN-4087.

Saturday, Jan. 10

Women's volleyball versus St. FX 7 p.m. Field House.

Sunday, Jan. 11

Women's volleyball versus St. FX 11 a.m. Field House.

Thursday, Jan. 15

PhD oral defence of Janine Woodrow, Faculty of Medicine, titled Calcitonin Modulates Skeletal Mineral Loss During Lactation Through Interactions in Mammary Tissue and Directly Through Osteoclasts in Bone 10 a.m.-12 p.m. IIC-1004, Inco Innovation Centre.

Friday, Jan. 16

The Department of Women's Studies Speakers' Series invites you to attend a presentation by Dr. Silvia Luraghi, University of Pavia, Italy, Italian Women at Work, 2-3 p.m. Science Building, SN-4087.

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Clickers coming to a classroom near you

By Courtenay Griffin and Pamela Gill

TO SOME, THE WORD “CLICKER” may conjure up an image of a television remote control or a small noise-maker, neither of which has anything to do with teaching or learning. But in fact, clickers, or student response systems, have already become a widely-used tool in classrooms at Memorial.

Much like polling technology used in a game show, these wireless devices solicit student responses in class based on questions posed by the instructor. A receiver unit captures student responses and records the information in a database that can be analyzed and displayed in real time, or within a variety of reports that can be printed.

Early in December, faculty members from Memorial's St. John's campus, Marine Institute, and Sir Wilfred Grenfell College in Corner Brook gave demonstration sessions on the technology to interested faculty and staff. The aim is to increase awareness about clickers and how they can be used as both a teaching aid and as a way to enhance student learning.

Dr. Travis Fridgen, assistant professor with the Department of Chemistry, is an advocate of the technology and was part of a panel that provided the demonstration.

“Clickers allow me to engage all of my students in large class and it refreshes them during the lecture,” said Dr. Fridgen. “Not only do they help with student-teacher interaction, but they let students interact and learn from each other. I can walk around my classroom and students are talking about chemistry. What more can you ask for?”

Ed Andrews, associate professor of Grenfell's Division of Science, also provided a demonstration at Grenfell and is currently using clickers as a pilot in his own class. He said he enjoys the immediate feedback from students' responses to questions.

“By using clickers, all students get to participate so the classroom becomes more of an interactive experience,” Prof. Andrews said. “Once students respond to a ques-



Prof. Ed Andrews displays clicker models that he has used. Memorial will be selecting one clicker product for standard use across all campuses

tion the results are immediate, which provides the opportunity for discussion and allows instructors to gauge students' understanding of course material in real time.”

The clicker demonstrations were held as part of an initiative to select a standard clicker product for classroom use across all campuses of Memorial University. The initiative is being driven by the Student Response System Committee, whose mandate is to recommend a clicker product based on feedback from Memorial's faculty and staff.

“The use of clickers on campus is growing rapidly,” said Robert Wells, associate director of Distance Education

and Learning Technologies (DELT) and chair of the Student Response System Committee. “Our mandate is to establish a standard clicker product for teaching and learning at Memorial so we can ensure reduced student cost and a high quality of service and support.”

In selecting a standard product, faculty and staff are encouraged to complete an online survey and rate the most important criteria to consider in evaluating the systems available. To complete the survey, or learn more about this initiative, visit www.distance.mun.ca/clickers.php.

Training facility re-launched at Memorial

By Jeff Green

A STATE-OF-THE-ART training facility has opened at Memorial, dedicated to one of the university's – and this province's – most accomplished athletes.

The Frank Zahn High Performance Marksmanship and Canadian Sport Centre Atlantic (CSCA) Training Facility was opened during a ceremony on Friday, Dec. 12.

The facility, formerly known as the MUN Rifle Range, provides both a venue for training, and opportunity for research to enhance athletic performance.

It is located in Memorial's Physical Education Building on the St. John's campus.

Representatives from the university, government, and the community were on hand to mark the occasion, as well as members of Mr. Zahn's family.

The re-opening stems from a partnership between Memorial's School of Human Kinetics and Recreation, the Newfoundland and Labrador Shooting Association, the Canadian Sport Centre Atlantic (CSCA), the Shooting Federation of Canada, and the provincial government.

“The School of Human Kinetics and Recreation is constantly growing through innovative teaching, advanced research, and active community involvement,” said Dr. Mary Bluehardt, director of the school.

“Much of this growth can be attributed to the strength of partnerships that have developed within Memorial and the community.”

“The official opening of Frank Zahn High Performance Marksmanship and CSCA Training Facility is one more demonstration of how partnerships can work to advance the school, university and community.”

Mr. Zahn was a well-known athlete, coach and long-time employee of Memorial. He was an avid marksman from the early 1960s until his passing in 2002.

“Much of this growth can be attributed to the strength of partnerships that have developed within Memorial and the community.”

In 1972, Mr. Zahn took over responsibility for the MUN shooting range.

He was also a respected member of the university community. In addition to his athletic accomplishments, he was well known for his wood carvings, including the decorative display of provincial coat of arms which is located in the lobby of the Queen Elizabeth II Library at Memorial.

The new training facility will be used for high performance target shooters including international level seniors and Canada Games juniors.



Dr. Eddy Campbell and Marion Zahn.