



NEW FACULTY New faculty members have been appointed in a number of disciplines. Meet them and hear about their work inside.



SIMULATING DISCUSSION A new motion simulator is helping researchers better understand working in harsh environments.



LIVING LANGUAGE Dr. Carrie Dyck of Linguistics recently received a grant that aims to maintain the Cayuga language of the Six Nations.

Going global

By Pamela Gill

SEVEN REPRESENTATIVES of the Humber River Basin project were in Istanbul, Turkey, July 5-9 to participate in the international Global Conference on Global Warming.

The conference brought together more than 400 experts and scientists who research global warming and climate change. The basin project, which is under the auspices of the Grenfell College Research Office, was invited by conference organizers to host a special session on river basin ecology.

The Humber River Basin Project is a collaborative initiative among local stake holders including the Canadian Forest Service/Natural Resources Canada and the province of Newfoundland and Labrador. The basin project addresses research in response to critical issues facing decision makers concerning the sustainability of the Humber River Basin and surroundings. The project's session was among more than 300 submissions that were accepted for poster sessions and presentations from all around the globe.

Members of the basin project currently in Istanbul include Wade Bowers, ecologist and former associate vice-principal (research), Grenfell College; Dean Strickland, project manager for the basin project; Rainer Baehre, professor, historical studies, Nick Novakowski, associate professor, environmental

See **TURKEY** on page 6

On top of the world

Memorial material makes the grade

By Mandy Cook

MEMORIAL UNIVERSITY was recognized on the global stage last month for excellence in marketing and communications programs.

The global-wide Council for the Advancement and Support of Education (CASE) has awarded Memorial with the 2009 Grand Gold Medal for best institutional relations publication in its international Circle of Excellence Awards program.

Memorial's *Novel Ideas: President's Report 2008* beat out 118 entries from around the world to receive this singular distinction.

"We are very pleased to see this international recognition of how Memorial University holds its own on the world stage," said acting president Dr. Eddy Campbell, in learning of the award.

"Every university in the world publishes an annual report of some kind. The challenge to Memorial was to develop our annual report in a way that would shine out among the scores of international submissions and that would draw special attention to the hard work and tremendous accomplishments of our students, staff and faculty. We chose an unusual and edgy approach that creatively and accurately reflected who we are

See **CASE** on page 8



PHOTO BY CHRIS HAMMOND

Andrew Edwards, a project engineer with Memorial, is seen mounted into a safety harness aboard a new simulator at Memorial. The high-tech equipment replicates the working environment of potentially dangerous jobs such as the offshore. Researchers are now studying the effects of motion induced fatigue and interruptions upon these workers. To read more, see page 9.

SPOTLIGHT ON ALUMNI Vanessa Donnelly

Vanessa Donnelly will without hesitation describe herself as a small town girl from Carbonear with a dream to travel the world and do what she can to make it a better place. After graduating from Memorial's nursing program, she did just that. Her work took her to Nova Scotia and Africa. Today, she works as a diabetes case management coordinator at Capital Health in Halifax and is planning her next trip overseas. She recently talked to our contributor Bojan Fürst.

BF: How did you decide on becoming a nurse?

VD: I always wanted to help people and I knew that perfect avenue for me would be nursing. I remember applying and thinking: "If I get in, that's great, if not, we'll just move on." I never let myself have any attachment to it because I wanted it so much. And it turned out just like one of those things that are just meant to be. It was a perfect fit. Even from the first month, from the first month in the program, I knew that it was a right thing for me.

BF: What was your experience at MUN like?

VD: I just had so much fun. I made a lot of really nice friends that I am still friends with now. I also found it very nurturing - in a sense that you were very much encouraged, your potential and your ideas were encouraged. I found it to be a very happy, growing place for me. It really helped me to become a person that I am now. It gave me a sense of confidence. And even practically speaking, the program itself prepared me for the, you know, front line nursing work. I heard that from so many people - that MUN nursing graduates, that their level of skill is so much more developed than in many other nursing grads. It gave me that edge.

BF: You moved for your first job to Nova Scotia. How did you make that next step from Nova Scotia to Africa?

VD: It was one of those opportunities that presented itself just at the right time. It was again one of those things I always wanted to do. Ever since I was a little girl, I wanted to go out, see the world and help people. I was in the masters of nursing program at Dalhousie and the opportunity came up. It's a program they have every year. At this time, they had an opportunity for students to travel to the Gambia for the summer school with junior and senior high school students. Part of that summer school is to help teaching and one of the subjects was diabetes prevention. Unfortunately, diabetes is a terrible, terrible epidemic in Africa. I had much experience with diabetes so it worked out great. I applied and was accepted in December and in July went for two months. That was in 2006. It was a partnership agreement between a local non-governmental organization called the Nova Scotia Gambia Association and the Dalhousie School of Nursing

BF: What is behind the diabetes epidemic in Africa?

VD: There is a rapid change in diet and lifestyle. As we help Africa become more developed, we also bring our unhealthy habits as well. When you think of Africa, you think of famine and poverty. And there is unfortunately plenty of that, but in the more urban areas you are seeing the rise of fast food places, terrible food choices, smoking, not much exercise... So, you are seeing people becoming obese and there is a strong link between that and diabetes and cardiovascular disease. There is also a heavy reliance on salt and that has an impact as well. Marketing and how we're socialized also plays a role "Drink Coke and be cool" kind of thing. You are seeing this in Africa now. Also, genetically, Africans

are predisposed to develop diabetes.

BF: That was only your first visit to Africa. You went back. Did you go back to the Gambia?

VD: I went to Tanzania. My first trip was so moving and I knew I needed to go back. It was such a learning experience for me. I am sure it was more of a learning experience for me than for those I worked with. So, again I applied through the masters of nursing program. It worked out great. I learned about their health care system and how it's delivered. Specifically, I wanted to learn about diabetes and what a picture of diabetes looks like in Tanzania.

BF: You are planning to go back.

VD: Yes. There is so much good things happening there and there is a good momentum and the time to make change is now. I really appreciate that. You know, in my little neck of the woods in Nova Scotia, changes are sometimes bogged down by bureaucracy and red tape and just the way things are here. We run things efficiently, but we could take a lot of lessons from Africa. I want to go back again. The biggest thing I learned is that you can do a lot with limited resources. They are doing really well, with what they have. Apply that to here. We have so much, but are we doing a really good job?

BF: You maintained a connection to Memorial. How important is that to you?

VD: It's absolutely important. Had I not had a wonderful, enriching and supportive education that I had, I'd never be able to do this. My teachers were so supportive, they made me realize that you can do anything, go anywhere... It kept me focused on the bigger picture and what is all this about. I always feel deep connection to Memorial because it has really gotten me to where I am now.

New director named for Student Recruitment

MEMORIAL HAS APPOINTED Shona Perry-Maidment as its new director of the Office of Student Recruitment. The appointment was approved by the Board of Regents at its May meeting.

Ms. Perry-Maidment, who has been acting director since September 2008, replaces Sheila Devine, who was director from 2003 to 2008. As the director of student recruitment, she will be responsible for working with internal and external stakeholders to establish international and domestic student undergraduate recruitment targets and lead the recruitment staff in implementing recruitment-related initiatives.

"I've always been a huge advocate for Memorial University and Newfoundland and Labrador and I look forward to continuing to do so in my new role"

Ms. Perry-Maidment holds a bachelor of arts and education and a master of education degree from Memorial. She has been an employee of the university since 1992 including roles with the faculty of education and student affairs and services.

"Working with Memorial University, and in particular the Office of Student Recruitment, has been a truly rewarding experience for me," Ms. Perry-Maidment said. "This role will be challenging but I'm looking forward to the opportunity to lead the department and work with other units to recruit undergraduate students."

Throughout her career with Memorial she has been involved with numerous committees and working groups and is currently a member of the Establishing Student



PHOTO BY DAVID SORENSEN

Shona Perry-Maidment

Relationships Program, the Senate Committee on Scholarships, the International Entrance Scholarship Selection Committee and the Enrolment Planning Working Group. She has been particularly active in international student recruitment, and is currently chair of the Canadian Higher Education Committee of the Council of International Schools. In 2006, her valuable contribution to Memorial was recognized when she received the President's Award for Exemplary Service.

"I've always been a huge advocate for Memorial University and Newfoundland and Labrador and I look forward to continuing to do so in my new role," Ms. Perry-Maidment added.

GAZETTE

A MEMORIAL UNIVERSITY OF NEWFOUNDLAND PUBLICATION

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Saying good luck to the dean of business

By Meaghan Whelan

ON JULY 31, Dr. Gary Gorman will step down after seven years of serving as dean of the Faculty of Business. Under his leadership the faculty has added new programs, increased international opportunities for students and heightened the profile of faculty research.

If you ask Dr. Gorman about these accomplishments, he will quickly point out the efforts of other people.

"The faculty has been so fortunate to have a great group of faculty and staff," he said. "We've created important new positions and built up our faculty and staff complement. That is what makes everything happen as far as I'm concerned.

"If you have the right people and you give them the opportunity to pursue the things they really want to see happen, my role as dean becomes really easy."

Faculty and staff however, know that his energy and passion were essential to the growth and success of the faculty in recent years.

Dr. Jeffrey Parsons is the associate dean of research for the Faculty of Business, and he credits Dr. Gorman with helping the faculty grow its research capacity.

"Gary was a champion for increasing the research intensity and profile of the faculty. He recognized the importance of increasing the quality and quantity of research being done here, and was a strong advocate during the development of the PhD program," he



Dr. Gary Gorman finishes his term as dean at the end of July.

explained.

"By and large I must say there is very little about the job that I haven't enjoyed and I know I'm going to miss it," he said. He is also quick to point out that he is not retiring. "Everyone thinks that I'm leaving for good, but that is not the case at all. It seemed like the timing was right to step down as dean, so that's what I've done."

He is looking forward to his sabbatical and plans on developing new courses for the faculty, deciding on a new research agenda and getting back into the classroom.

PAPERS & PRESENTATIONS

Dr. Sudhir B. Abhyankar, associate professor, Chemistry and environmental science, Sir Wilfred Grenfell College, presented a paper titled Understanding of Chemistry and the General Public: Are they Compatible? at the 92nd Canadian Chemistry Conference, May 30-June 3, 2009, Hamilton, Ont.

Dr. Michael Doyle, an associate professor in the Counselling Centre, presented a paper describing learning journals as agents of change in a learning strategies course at the annual conference of the Canadian Association of College and University Student Services. The presentation, which was held on June 17 at the University of Waterloo, represents ongoing academic support programming with his colleague, **Dr. John Garland**.

In June three Visual Arts faculty members, **Marlene MacCallum**, **David Morrish** and **Pierre LeBlanc**, were invited panellists at the Hybrid Book Conference at the University of the Arts in Philadelphia, PA. They participated in a panel entitled Intersection + Intermedia where they presented on their collaborative project "Creating the visual book through intersection of the divergent technologies of photogravure and digital processes". This project is funded by a SSHRC Research/Creation Grant. Their research into the interplay of digital and analog technologies and the creation of sequential and book works has led to the production of new works that considers the question of hybridity. The presentation took the form of a trio where **David Morrish** introduced the hybrid nature of the photogravure process and the relevance of this on the resulting image. **Marlene MacCallum** discussed the intersection of contemporary and historical processes as a catalyst in the generation of content and ideas. **Pierre LeBlanc** offered a reflection on the ontological repercussions of a widened definition of hybridity. In addition to participating in the panel, the group had brought examples of past and current work. As a result, **Marlene MacCallum** was awarded a purchase prize from Columbia University, New York for the book work *pink story: sinistral/dextral*.

Varatharajan Vamadevan, M.Sc. candidate in Food Science in the Department of Biochemistry, was awarded the first place in the Graduate Student Competition (Carbohydrate Division) at the Institute of Food Technologists' (IFT) Conference held in Anaheim, Calif., June 6-9, 2009. His presentation was titled "The impact of heat-moisture treatment on

the molecular structure and properties of normal and waxy potato starch." In the same meeting, another graduate student (PhD candidate) in Food Science in the Biochemistry Department, **Ying (Joy) Zhong**, received second place award from the Nutraceuticals and Functional Foods Division for her paper on Antioxidant and anti-inflammatory activities of EGCG (epigallocatechin gallate) derivatives. IFT is the largest society for food science and technology with some 20,000 members worldwide from academia, industry and government professionals in food and nutrition, among others. The research work of Varatharajan and Joy are supervised by **Dr. R. Hoover** and **Dr. F. Shahidi**, respectively.

Dr. Robert Greenwood, director of the Harris Centre, gave the following presentations this spring: April 28, The Leslie Harris Centre of Regional Policy and Development: Knowledge Mobilization in Action, an invited presentation to University of New Brunswick, Fredericton and Saint John; April 30, Innovation and Knowledge Flows in City Regions: St. John's - Metropolis on the Margins?, an invited presentation to Innovation Systems Research Network, 11th Annual Conference, Halifax; May 6-7, The Leslie Harris Centre of Regional Policy and Development: Strategic Plan Consultation, 2010/11-2014/15, presentation and consultation, Corner Brook and Stephenville; May 12, Atlantic Canada's Demographic Future: Rural-Urban Interaction, Functional Regions and How We're All in this Together! invited presentation to C.D. Howe Institute Policy Conference, Atlantic Canada's Demographic Future: Labour Challenges and Migration Issues, Halifax; May 13, Rural Sustainability and Knowledge Mobilization, an invited presentation to Canada School of Public Service, Advanced Leadership Program, St. John's; May 28, Rural and Regional Development in Newfoundland and Labrador: Emerging Challenges and Opportunities, an invited presentation to Newfoundland and Labrador Credit Union Director Conference, Gander; June 2, Innovation and Creativity in City Regions: Do We Have What it takes to Compete with Canada's Urban Centres? an invited presentation to ACOA Science and Technology Working Group, St. John's; June 2, 10 and 11, The Leslie Harris Centre of Regional Policy and Development: Strategic Plan Consultation, 2010/11-2014/15, presentation and consultation, St. John's; and June 4, Rural-Urban Interaction in Newfoundland and Labrador: Understanding and Managing Functional Regions, an invited presentation to ACOA Policy Network Meeting, St. John's.

IN BRIEF

Space solution

The Labrador Institute (LI) has secured federal funding to further support northern research and teaching. The institute, located on the campus of the College of the North Atlantic in Happy Valley-Goose Bay, has received \$58,000 in infrastructure funding as part of the International Polar Year to renovate un-used offices on the campus, helping meet a space crunch. The new area will be used by existing staff, transient faculty, researchers and students, said Dr. Keith Chaulk, director of the institute.

This is the second successful Infrastructure proposal for LI in the last two months. The institute received roughly \$1.8 million in funding earlier this year to establish a new research facility in North West River.

Both sets of renovations are anticipated to begin in the upcoming fall and winter.

Loeffler reaches Elbrus peak

Professor and adventurer Dr. TA Loeffler successfully reached the summit of Mount Elbrus on July 13, the highest peak in Europe. Dr. Loeffler, a professor in the School of Human Kinetics and Recreation, dedicated the climb to raising awareness of prostate cancer.

Her work and adventures have taken her to 35 different countries and five different continents. Her ultimate goal is to complete The Seven Summits, the highest peaks on all seven continents. As of today, she has successfully reached the tops of more than half of these peaks, and plans to tackle Everest once more in Spring of 2010.

For more information on Dr. Loeffler's next adventure, visit www.taloeffler.com.

Coming home to Pharmacy

Plans are made and the anticipation is building for the first School of Pharmacy Alumni Homecoming, taking place the weekend of July 31-Aug. 2. This special event celebrates Pharmacy alumni and coincides with the 20th graduating class of the school.

The Homecoming Committee has organized a weekend filled with events and activities for alumni and their families including golf, a social evening downtown, a semi-formal dinner and dance with memorable music, as well as continuing education events highlighting our alumni.

One of the highlights is the first Pharmacy Alumni Achievement Award which will be presented at the Director's Dinner and Dance on Saturday, Aug. 1, at Gushue Hall.

For more, see www.mun.ca/pharmacy/about.

Business students join the best

Only the best business students in the world, and the professionals who earned the distinction of "the Best in Business" during their academic careers, can claim membership in Beta Gamma Sigma.

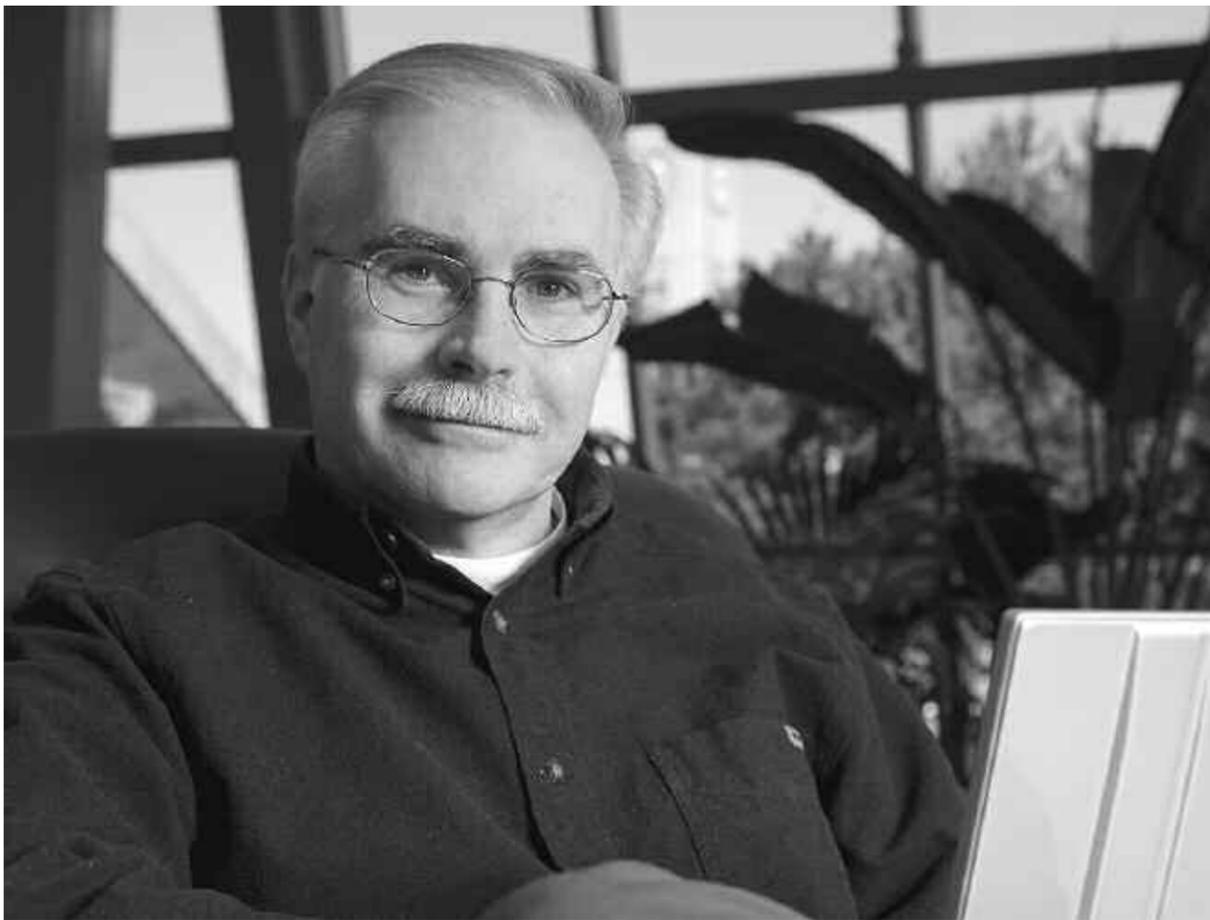
The Memorial University Chapter congratulated the 52 students who have earned invitations this year. These students join an expanding worldwide network of more than 600,000 outstanding business professionals who have earned recognition through lifetime membership in Beta Gamma Sigma.

Students ranking in the top 10 per cent of the baccalaureate and top 20 per cent of graduate programs at schools accredited by AACSB International - The Association to Advance Collegiate Schools of Business - are eligible for this invitation.

In 2002, Memorial's Faculty of Business Administration became the first business faculty in Atlantic Canada to earn AACSB international accreditation. This is the highest distinction a business school anywhere in the world can receive.

An induction ceremony was held June 25, 2009.

For a list of students, see www.business.mun.ca/home.



Dr. Christopher Loomis

Board appoints Campbell's successor

Loomis called to serve

THE BOARD OF REGENTS of Memorial University has appointed Dr. Christopher Loomis as president and vice-chancellor *pro tempore* while the search for a new permanent president continues.

Dr. Loomis succeeds Dr. Eddy Campbell who is leaving Memorial University to become the 18th president of the University of New Brunswick. The appointment of Dr. Loomis was effective July 1, 2009.

In a message to the university community, Dr. Campbell applauded the Board's choice.

"Dr. Loomis has performed in an exemplary fashion as vice-president (academic) *pro tempore* and in his many other leadership roles before that, and I'm confident you will continue to support him in his new role," he said. "This move created an impending vacancy in the

vice-president (academic) position. To address this issue, I formed an advisory committee that included Dr. Loomis, as chair; along with Dr. Mark Abrahams, dean of the Faculty of Science; Dr. Gary Gorman, dean of the Faculty of Business Administration; Dr. Mary Bluehardt, director of the School of Human Kinetics and Recreation; and Morgan Cooper, director of the Division of Faculty Relations.

"The committee consulted widely and provided helpful advice. I am pleased to inform the university community that the Board of Regents has also appointed Dr. Reeta Tremblay to the position of vice-president (academic) *pro tempore* commencing July 1, 2009."

Dr. Tremblay currently serves as dean of the Faculty of Arts. The timing of both appointments allows for a period of overlap to facilitate the transition.

STUDENTVIEW

In love with Newfoundland summers

I USED TO BELIEVE that people who live in climates where it is sunny and dry 300 days a year must never get anything productive done. They must be too busy frolicking outdoors. But I've come to realize that that's probably an attitude developed from living in a place like Newfoundland.

Here we suffer through the fog, rain, snow and ice storms for most of the year. So on that first day, usually sometime in May, when the sun breaks through the clouds and the temperature hits 10 degrees, the streets fill with hot pants and halter tops and translucent pasty skin that blinds you on the drive home.

Each year summer in Newfoundland surprises me. It seems that through the winter we forget that there is something beautiful under the salt and snow. We forget or become distracted from the fact that Newfoundland is actually a nice place to live. After a few years of spending summers elsewhere, I've spent the last two here and both years I've been amazed at how green and beautiful and inviting Newfoundland suddenly becomes around May and June. Seeing the city and entire province come back to life reawakens your love for this island.

This cycle of coming back around to summer also adds a great structure to the year. I don't know if anyone else's concept of time works like this, but in my mind September equates to that Monday morning feeling; while June is not

only like a Friday afternoon, but the last Friday of the school year. I become overwhelmed by the mental image of kids flying out school doors, papers flying, plunging themselves into two months free for lollygagging and tomfoolery!

I hope I never stop associating that feeling of uninhibited freedom we had as school kids in summertime with this time of year. As we get older we do find that we can't let loose to the same degree anymore, we have to work or continue going to school or both, but there's definitely still something very uplifting about the summer.

Maybe if you live in one of those "ideal" climates you stop being impressed by sunshine. It must be pretty dull. Don't get me wrong, I LOVE the sun, but I'm inclined to think that if it's sunny all year round you would either be irritated with having to go to work when you could be at the beach, or you would become immune to it, maybe even bored.

That's one of the positive things about our climate – the window of opportunity to get out and live it up is so small that we have to make the most of those sunny days. But aside from the sun, there are so many more reasons to make the most of summer in Newfoundland. For us students, we're free to read only what we want to or at least we have the peace of mind of knowing that we don't need to step inside a classroom for four months. There are also

NOTABLE

Gary Green, Marine Institute, was given the Canadian Association of College and University Student Services (CACUSS) Award of Honour. This is the highest award that CACUSS gives and was given in recognition of over 30 years of service to students and his profession. In particular it recognized his leadership in organizing events at three different CACUSS conferences over the years.

Ruth North was honoured for her leadership and contributions to Canadian Association of Disability Service Providers in Post-Secondary Education. This award recognizes her leadership, contributions, many years of service and her dedicated commitment to ensuring that students with disabilities receive the services they need to succeed academically.

Dr. Edward Roberts, former chair of the Board of Regents and former lieutenant governor of Newfoundland and Labrador, has been named a Member of the Order of Canada. The appointment was announced by Michaëlle Jean, Governor General of Canada, on July 1. Dr. Roberts was appointed for "his contributions as a former cabinet minister and lieutenant governor of the province of Newfoundland and Labrador."

Bradley Russell, vice-president student life of MUNSU was recently honoured by COCA (Canadian Organization of Campus Activities) as Student Programmer of the Year. This national award recognizes the innovative programming that he has led at Memorial. For the past three years Mr. Russell has served as vice-president of student life of MUNSU with a commitment to enhancing the social activities offered to students of Memorial. During his tenure, MUNSU has developed innovative educational programming, revitalized the educational and social activities offered to returning and incoming students each fall, and added to the musical offerings of the Breezeway.

At the May 2009 Annual General Meeting of the Canadian Women's Studies Association/L'association canadienne d'études sur les femmes (CWSA/ACEF), **Dr. Katherine Side**, associate professor/head, Department of Women's Studies, was acclaimed president-elect, CWSA/ACEF.



Kate Holden

the countless festivals, concerts, and fairs to attend here in the city as well as any number of excuses and opportunities to travel elsewhere. It's always fun to make a list of things you want to do before September and the latest issue of the Scope outlines lots of interesting possibilities.

This is the first summer semester I've participated in so far in my MUN career and despite the warnings and grimaces I got from friends and family, it's actually really nice. You're guaranteed a computer in the commons any time of day, there's rarely a line-up for a cup of coffee and I don't think I've stepped foot in the tunnels yet this semester. Apart from maybe having a few more in-class hangovers than you might during the rest of the year, the atmosphere is actually much calmer and more positive.

So in short, I'm in love with Newfoundland summers. And while it's enticing to say that it's the sun that makes the season, I think it's really the shift in attitude that most Newfoundlanders experience in the summertime. A general sense of joie de vivre enchants everyone. There's always somewhere to go and something to do and little chance of the weather getting in your way. This is one thing that Newfoundland has that I think makes it such a great place to live – something to look forward to every year; a time of year during which life appears as if through rose-coloured glasses and your struggles seem less important.

SSHRC Days dawning

By Janet Harron

LIKE OTHER ASPECTS of academia, research is an increasingly cyclical, results-oriented process. Successfully securing external funding supports researchers in producing and publishing results that contribute to their discipline as well as to their own growth as scholars.

Research in the social sciences and humanities is key to uncovering new knowledge, ideas and interpretations about significant economic, social, cultural, and environmental issues facing the world today.

The Faculty of Arts is committed to providing opportunities for external funding and professional growth for its researchers. To demystify the complicated and competitive procedure of securing external funding, the faculty sponsors research workshops throughout the year. This summer faculty members can attend SSHRC Days August 25-27.

An addition to the regularly offered development seminars is a visit by Terry Lee McPherson, program officer with the Social Sciences and Humanities Research Council of

Canada (SSHRC). Ms McPherson will present information and answer questions on SSHRC funding programs and will also be available for individual consultations with faculty members.

"The university visit is offered to provide an overview of what is new at SSHRC in terms of policy and procedures, as well as valuable information on best practices. The main focus is the Standard Research Grants Program (SRG). However, the presentation at Memorial will also include information about the Major Collaborative Research Initiatives (MCRI) program, and the new strategic Aboriginal Research Programs. I encourage all faculty members to attend in order to obtain first-hand, up-to-date information about changes to the SSHRC suite of programs and advice on submitting grant applications," said Ms. McPherson.

Dr. Lisa Rankin, acting associate dean (research and graduate) for the Faculty of Arts and the recent recipient of a major CURA grant for her project Understanding the Past to Build the Future, is also enthusiastic about the initiative.

"I highly encourage my colleagues to participate in SSHRC Days next month. It's always a great opportunity to receive feedback on research proposals and this year of course we have the added bonus of presentations by Terry Lee McPherson, program officer with the Social Sciences and Humanities Research Council of Canada," said Dr. Lisa Rankin.

The Notification of Intent (NOI) to Apply for the Standard Research Grant (SRG) is now posted on the SSHRC website at www.sshrc-crsh.gc.ca/site/apply-demande/faculty-professeurs-eng.aspx. The NOI deadline is Aug. 15, 2009, and the full SRG proposal deadline is Oct. 15, 2009. The application for the Aboriginal Research Program is also posted on the SSHRC website and the deadline is Sept. 30, 2009. Faculty members may contact Grants Facilitator Theresa Heath at 737-8050 or theath@mun.ca for assistance in preparing an application.

For further information on the August research workshops and Ms. McPherson's sessions please see www.mun.ca/arts/research/workshops.php.

LabNet connects campus digitally

By Kelly Foss

WHEN A STUDENT SITS DOWN at one of the nearly 1,000 computers overseen by Memorial University's LabNet, little thought is likely spared for the behind-the-scenes work that allows that student a seamless experience, no matter where on campus they are logging on.

"There are computer labs all across campus," said Michael Rayment, computer system manager with the Department of Computer Science. "LabNet is responsible for 32 of them and has a presence in virtually every building on campus, except for a few administrative buildings. It provides a consistent interface for students.

"What that means is, you can use a computer in the library and have the exact same experience that you had on a computer in the Education Building. It's as if you were sitting at the same computer."

LabNet is an automated lab management system. It operates a suite of software tools that manage everything from setting up new accounts, to deciding which printer on campus to use and how to pay for a print job. These software tools were developed by the Department of Computer Science and the department is responsible for maintaining the tools and software for the 70 servers that host LabNet.

The first lab was set up in 1995; a second followed in 1999. Because the system was developed specifically for the university, it allows for linkages to the Memorial University student smart card. The card has an electronic "purse" on it, much like that of a gift card, and can be refilled. Revenues from students' printing charges total approximately \$75,000 a year.

Mr. Rayment says there is actually no information stored on any of the 1,000 computers in the LabNet system. Instead, they each run a Windows or Linux image that is stored on a server. Each time a student logs onto a computer, they get a refreshed version of that image.

"Typically, this process takes less than a minute to perform," he said. "By the time the next user sits down



Michael Rayment, a computer system manager with the Department of Computer Science.

"A university couldn't operate without a common base of knowledge and we think of this software in that way."

to use the workstation, the image on the disc has been restored to its original pristine state. As a side effect, all operating system viruses are eradicated automatically with no human intervention or anti-virus software."

LabNet is not exclusive to computer labs on campus. Students with laptops are also accommodated. They can download a script that connects them to the LabNet system which gives them the same access to files saved on their individual home directory and to any LabNet printer on campus.

Mr. Rayment is interested in seeing LabNet spread to other areas of campus, including the offices of faculty and staff. He'd also like to see classrooms linked by LabNet.

"I'd like to see it extend to all teaching labs and elec-

tronic labs on campus," he said. "Then professors could go to any classroom and give the same presentation without worrying if it's going to work on that computer. I think when that starts to happen the convenience factor will be a greater incentive for faculty to use LabNet."

Now that LabNet has withstood years of testing and tweaking, Mr. Rayment feels it is stable enough to be made available as an open source program for any school that might like to use it.

"There's certainly a possibility for commercializing LabNet," he said. "However, we feel this is public knowledge. A university couldn't operate without a common base of knowledge and we think of this software in that way."

He is currently operating an off-campus test site at St. Bonaventure's College to see how easily the program can run remotely.

"If this pilot project works, it may become something the Department of Education could be interested in," said Mr. Rayment. "We've set the lab up in such a way that we can manage it from here. If we can do that successfully, then you can technically run a whole school district from a central location and not have to step foot through the school doors."

Marine mentor

Cyr Couturier sees the importance of mentoring young students

By Darcy McRae

THERE ARE A NUMBER of great reasons to mentor a young student, especially when the student displays a passion for their work, said Cyr Couturier, a research scientist at the Marine Institute.

Mr. Couturier, who is also the chair, M.Sc. Aquaculture and works in MI's Centre for Aquaculture and Seafood Development, has a well deserved reputation for helping any aspiring young mind looking for guidance. He has even taken to mentoring students who have not yet finished high school, all in the name of growing interest in the science programs he loves.

"I like to see young people interested in marine sciences and marine technology," Mr. Couturier said. "Maybe someday they'll come here and do a program at the Marine Institute, maybe not, but if they have an interest in these areas, I like to provide them with a little bit of insight."

Mr. Couturier's latest protégé was Megan Howse, a 13-year-old from Mount Pearl who is a Grade 8 student at St. Peter's Junior High. Ms. Howse asked Mr. Couturier for help in coming up with ideas for a science project she was entering in the Aventis BioTalent Challenge. Mr. Couturier suggested a project looking at the natural production of essential omega-3 fatty acids using microalgae and the different ways to undertake such research.

Omega-3 fatty acids are essential to human health, however they cannot be manufactured by the human body. They can be found in fish and other marine life like krill and algae. They play an important role in fighting heart disease and are considered by many to be brain food, making omega-3 fatty acids an important topic of research for many years to come. Ms. Howse liked the idea of investigating this topic further and jumped at the chance to work with Mr. Couturier on the project.

"I found the health benefits of omega-3 really interesting. I also thought that since omega-3 is an important topic right now, it would be interesting to do some research about it," she said. "I really enjoyed actually being able to go into the labs and having all of the proper equipment and tools to use. It was a very different experience for me, to be able to go into a lab and work by myself. I think that was a good challenge."

Mr. Couturier was impressed that Megan showed initiative in the early stages of the project and maintained her interest until it was completed. The pair started working together in December, 2008 and continued until the end of April when Megan was ready to take their work to the judges.

"A lot of the work was her own design and she did it by herself," said Mr. Couturier. "We came up with a couple of experiments she could do, found the lab space for her and spent some time helping her with these experiments."

The efforts demonstrated by Mr. Couturier and Ms. Howse obviously paid off, as the grade eight student went on to win a gold medal in her age category at the Eastern School District Regional Science Fair, a gold medal in the National Science Fair in her age category and a silver medal at the Aventis Biotech Challenge.

"It felt really good, knowing how hard I had worked on this project, to know that it paid off. But even if I hadn't won, I think it would have been worth all of my work for the experience," Ms. Howse said. "I was certainly not expecting to win gold at Nationals, after being told how hard it is to receive that award. It was a great honour, and it felt good being told that my project was really good."

The silver medal at the Aventis Biotech Challenge is not as flashy as the two golds Megan won, however Mr. Couturier says it may actually be the most impressive of the awards since Ms. Howse competed against several Grade 11 and 12 students at this event.

"To me, the interesting part of all this is that a young student was interested in coming to MI and gaining some insight into something that might be applicable for human

See *MARINE* on page 8



PAMELA GILL PHOTO

Dean Strickland project manager of the Humber River Basin project gazes at a Turkish mosque on a tour of the Bosphorus River in Istanbul.

cont'd from *TURKEY* on page 1

studies and geography; and Joan Luther, research scientist, remote sensing, and Doug Piercey, geoinformatics analyst, both of Natural Resources Canada.

"The basin and its watersheds represent an excellent platform from which to develop and integrate science and policy," said Dr. Bowers. "The research we've identified is considered an important prerequisite to developing a more scientifically sound and ecosystem-based strategy for management of the basin ecosystems."

Newfoundland scientists and policy makers in Newfoundland and Labrador have recognized that our most vital natural resources are directly or indirectly linked to water in marine, fresh, and estuarine systems, he said.

"The research we've identified is considered an important prerequisite to developing a more scientifically sound and ecosystem-based strategy for management of the basin ecosystems."

"We are interested in collaborating at local and international levels to build a stronger network of researchers with an interest in basin ecology, integrated land management and related fields," said Ms. Luther, Canadian Forest Service/NRCAN. "Here in this international setting we hope to forge new partnerships so that we might all learn from each other best practices in the study of our local and global environments."

Mr. Strickland and Dr. Bowers presented an overview of the basin project, followed by focused presentations on various components under the project. Dr. Baehre delivered a talk on his research, which documents the history of the area, specifically the changes effected by human interaction with the natural environment. Ms. Luther presented her research on monitoring changes

in land cover and forest types using satellite imagery and GIS. Mr. Piercey shared his work on methods to manage and deliver geospatial data with respect to integrated land management within the basin. Finally, Dr. Novakowski discussed his research concerning environmental planning in the area.

"One of the great aspects of the Humber River Basin project is the interdisciplinary nature of our collaborations," said Dr. Bowers. "We're pleased to be able to partner with organizations like NRCAN, as well as scientists and experts outside of Canada."

The contingent from Grenfell also attended the opening session of the conference, which saw remarks and presentations from conference organizers as well as Turkey's ministers of Environment and Forestry, and Energy and Natural Resources. Prof. Veysel Eroglu is minister of Environment and Forestry, while Mr. Taner Yildiz is minister of Energy and Natural Resources.

"The opening session was particularly important because of the recognition by political representatives at the conference that climate change is the most important issue of the 21st century," said Dr. Bowers. "Climate change and global warming are on political agendas around the world. It was reassuring to hear representatives of the government of Turkey speak of climate change in terms of policy development."

Turkey is becoming a leader in placing climate change on its agenda for global collaboration and policy development. Turkey has held several conferences over the last year: some 1,800 experts met last November for the United Nations Convention to Combat Desertification, and in March, Turkey hosted the fifth World Water Forum, which, incidentally, was attended by Grenfell environmental studies student Kim Olsen. Furthermore, Turkey has committed to implementing a national waste management plan for solid waste facilities by 2012.

"We're pleased to have Grenfell College as part of our international community this week," said Prof. Ibrahim Dincer, conference chair of the global warming conference. "The benefit of the college's presence is twofold – as representatives of Canada, but also as experts sharing their research at this multidisciplinary conference. We have come together to share our knowledge and work together to find solutions to the climate change crisis."

Dr. Jahrul Alam

Department of Mathematics and Statistics

DR. JAHRUL ALAM joined the Department of Mathematics and Statistics as an assistant professor in August 2008. Originally from Bangladesh, he began his Canadian studies at the University of Alberta where he obtained a master's degree in computational fluid dynamics. He also holds a PhD in computational mathematics, with a specialization in turbulence, from McMaster University and completed a postdoctoral fellowship in Earth and Environmental sciences at the University of Waterloo.

His current scientific interests concern modelling, computing and understanding fluid dynamics problems that are challenging in environmental, aeronautical and industrial applications. Specifically, he is focused on developing an integrated modelling and computing framework for explaining global warming and climate change issues.

"There are lots of uncertainties and difficulties that need to be resolved before we are able to accurately predict climate," said Dr. Alam. "The atmosphere – where we breath



and live – is very complex. I am working to develop a technique using advanced computer models for predicting future climate by understanding turbulent flows in the atmosphere. This new approach will use wavelets – a mathematical microscope – to calculate highly localized active motions of the atmosphere, and this would be a significant contribution at Memorial as a new research direction."

Living in Newfoundland and Labrador is giving Dr. Alam a new perspective on his chosen area of research.

"The weather here is a bit unstable but I like that," he explained. "Many other regions don't see this much moisture and moisture is something we currently can't model appropriately. This is a challenging issue. If we cannot model moisture then we do not know how it is going to affect our climate. I enjoy St. John's because of its natural beauty and intermittent weather changes."

Dr. Alam was recently awarded a NSERC discovery grant and two new graduate students will join his research group in fall 2009.

Dr. Jacqueline Blundell

Department of Psychology

DR. JACQUELINE BLUNDELL joined the Faculty of Science in September as an assistant professor with the Department of Psychology.

Originally from St. John's, she graduated with an honours degree in Chemistry at Dalhousie University before returning to Newfoundland to complete an honours degree in Psychology. Dr. Blundell then went on to complete her masters and PhD at Memorial under the supervision of Dr. Bob Adamec, followed by a postdoctoral fellowship at the University of Texas Southwestern Medical Centre.

Dr. Blundell is thrilled for the opportunity to return to Memorial University – this time on the opposite side of the desk.

"It's been an odd transition going from being a student to most of these people to now being their colleague," she said. "But everyone's been so nice."

Dr. Blundell's research centres on understanding the behavioural and neuroplastic changes that are involved in affective and cognitive disorders, with an overall goal to

make a significant contribution in advancing the treatment of neuropsychiatric illness.

"I am interested in understanding the



behavioural and molecular changes in brain that underlie anxiety and depression," she explained. "With a better understanding of the brain my hope is to one day develop therapeutic agents to treat these disorders."

One particular area of interest is studying the effects of anti-anxiety and antidepressant medication on teens.

"Given the dramatic increase in prescribed anti-anxiety and antidepressant medication for this population, and the fact that the developing brain is very different than a mature brain, I think this is a critical area of research," said Dr. Blundell. "Changes in the brain that happen during puberty may be affected by those drugs and I'm interested in proceeding in that area. In addition, I'd like to research the effects of stressful environments on children and whether or not they cause people to be more anxious as adults."

Dr. Ian Glew Faculty of Business Administration

AT FIRST GLANCE it may seem unusual to have a professional engineer with more than 15 years experience in Canada's chemical industry teaching finance, but when Dr. Ian Glew began working on his MBA in finance at Queen's University, it was an eye-opening experience.

"I realized when I started my MBA that there was a natural fit between

statistics, which is my background, and finance," Dr. Glew explained. "Finance is intensely math driven, so I look at it as a transfer of my skill set rather than a major change of interest." After earning his MBA, Dr. Glew went on to complete a PhD in finance. His research focuses on income trusts, corporate financing and asset pricing.



Dr. Glew said a supportive research culture was one of the reasons he came to Memorial. "Academically, Memorial has a great research character – and it is getting stronger monthly. The university has a great reputation."

In the classroom, Dr. Glew tries to use real world examples to make the study of finance more interesting

and relevant to students. "When you walk into a finance classroom and see equations on a board, it isn't meaningful to students," he said. "I try to bridge the gap between financial theory and real world applicability, so I talk about interest rates and mortgages and introduce students to the areas where finance applies to their life."

Dr. Robert Scott

Division of Social Science

It's no surprise that Dr. Robert Scott has found his way to western Newfoundland and the incredible outdoor lifestyle it offers. The Port Rowan, Ont., native grew up on in a town of about 800 on the north shore of Lake Erie, where there were plenty of opportunities for adventures in the wilds.

The draw to Grenfell College was the environment in which the campus is situated, he added.

"I don't have to travel half way across the continent to do research. Here there's lots of opportunity to conduct my research locally, plus it's a beautiful place to live and raise kids."

Dr. Scott holds a bachelor of science from the University of Western Ontario, in London, Ont., a master of science from the University of Guelph and a doctorate from Clark University in Worcester, Mass. Following his PhD he completed a one-year post-doctoral research position at the University of Guelph, after which he worked



at the University of Western Ontario for seven years as an assistant professor in the Biology Department.

Dr. Scott's research interests lie in the realms of pure ecology and applied ecology.

"With regard to the pure research component, I am interested in how variability in physical characteristics among lakes influences local populations of fish," he explained. "In particular, I

investigate adaptation of local fish populations with regard to behaviour (mate competition, mate choice, parental care) and life history (growth rate, age of reproduction, fertility) traits. On the applied side, my interests focus on the impact of human activities on lake ecosystems. Specifically, I have worked on Atlantic salmon restoration ecology and on the impacts of mining on fish communities."

Dr. Scott said his future research will examine impacts of forest harvest on fish life history traits and mercury contamination in fish populations in western Newfoundland.

Dr. Heather Hair

School of Social Work

Dr. Heather Hair joined the School of Social Work in the fall of 2008 and couldn't be happier with her appointment as assistant professor. The Montreal native says she is putting down roots in this province and isn't about to go anywhere.

Dr. Hair says the opportunities as an academic in this province are "endless," and intends to put her extensive knowledge and expertise to great use. With a BA in psychology from Concordia University, a master's in community psychology from Wilfrid Laurier University, a master's in marriage and family therapy from the University of Guelph and a PhD in social work from Wilfrid Laurier as well, Dr. Hair is in good stead.

There are three areas in which Dr. Hair wishes to develop her specialty: supervision for post-degree social work practitioners, children's mental health (practice and policy development) and the qualities of helping conversations that encourage

growth and change.

She was attracted to Memorial because of the accessibility to decision-makers in the province and for the opportunities to create collaborative relationships with community partners. She is already involved on a research review team, as well as consulting on the development of two new residential treatment centers for high-risk youth. Citing "big growth" in the



School of Social Work – Dr. Hair is one of several new additions to teaching staff in recent months – she says she is excited at the prospect of contributing to the development of the social work profession in this province.

"I have the opportunity to teach at the bachelor's, master's and PhD level here. So I not only have an opportunity to shape future practitioners, but also to really shape the service provision for the lives of children, youth and families, which is really what keeps me motivated in this."



PHOTO BY DARCY MCRAE

Cyr Couturier

health and nutrition in the future," said Mr. Couturier. "She learned quite a bit, she's quite smart for a grade eight student. The judges were impressed with her."

This is not the first time a student mentored by Mr. Couturier has gone on to win big at a science competition. Just two years ago a group of students from Lewisporte sought Mr. Couturier's help when working on a project regarding shrimp by-product utilization as feed stimulants for farmed cod. Those students also won a provincial title and went on to compete at the national level.

Ms. Howse is not surprised Mr. Couturier's past protégées also found success, since she experienced firsthand the benefits of his mentoring skills.

"Cyr really guided me through, making sure I used the proper procedures and proper techniques," Ms. Howse said. "Working with Cyr allowed me to use the Marine Institute's Aquaculture lab as well as the chemistry lab, which I would not have been able to do other-

wise. This project allowed me to make many connections, which I will certainly use in the future."

Mr. Couturier prefers to give all the credit to the students he has mentored, however there is little doubt he played a hand in their success. He said he enjoys every minute of the mentoring process and was happy to see fellow MI faculty such as Dr. Laura Halfyard, Kiley Best and Jason Nichols pitch in to help Megan with her recent award-winning science project.

"It's important to give students such as Megan the benefit of your experience in an industry that is important to the economy of Newfoundland and Labrador," said Mr. Couturier. "It exposes the students to potential career avenues, quality careers doing good things for the people of this province. I'm interested in applied science that tries to solve problems and if I can expose anybody to that, it might be a benefit to someone down the road."

cont'd from *CASE* on page 1

as a university and this unique place that we call home, Newfoundland and Labrador," said Dr. Campbell.

"The CASE award recognizes *Novel Ideas* as the best university report in the world this year, and confirms that Memorial is a place full of innovative and creative ideas. We are an institution that produces work that is genuinely world class. This award and the other international awards we have received recently, serve notice that our university has taken its place among Canada's best," he said.

In addition to winning the Grand Gold Medal, *Novel Ideas* was honoured with a bronze medal in CASE's 2009 Excellence in Design Awards.

Novel Ideas was on display during CASE's leaders' summit in San Francisco earlier this month. Later this year, CASE will post the publication online internationally as a model program. In addition, it will be featured in the November-December issue of CASE's *Currents* magazine which is distributed across six continents.

Novel Ideas was developed in-house at Memorial as both a 48-page brochure and a website. It tells the story of the university's major accomplishments over the past year. Both the web version and the highlights brochure contain

the university's financial statements and an array of statistical information on the province's only university, the largest post-secondary institution in Atlantic Canada.

Novel Ideas follows a conceptual theme that includes a number of stories – covering research, teaching and community involvement activities – that draw their titles from famous novels. Dr. Campbell's message – named after the novel *Life of Pi* – evokes his background as a mathematics professor and researcher. Other famous novels cited include:

- *The Tell-Tale Heart* – Medical researcher Dr. Terry-Lynn Young's discovery of the arrhythmogenic right ventricular cardiomyopathy (ARVC) gene is the focus. ARVC occurs in some families in Newfoundland and Labrador and can cause sudden death.
- *The Snows of Kilimanjaro* – Human Kinetics professor Dr. TA Loeffler led a group of women to summit Mount Kilimanjaro this past year. She also received a major national teaching award. Dr. Loeffler was one of just 10 Canadian university professors to receive the 2008 3M National Teaching Fellowship, the only one of its kind in Canada, which goes to those who exemplify the very best in innovative teaching at the post-secondary level.

• *Sense and Sensibility* – Engineers at Memorial worked towards creating a form of gasoline that has no harmful inhalants. Opal gasoline was first developed in Australia to combat substance abuse. Andy Fisher and Drs. Kelly Hawboldt and Faisal Khan of Memorial's Faculty of Engineering and Applied Science are preparing to release their work on a similar product that can function in the cold climate of Labrador, where gas sniffing remains a problem.

• *The Colony of Unrequited Dreams* – In keeping with the book-based creative concept, the report has a dedication to Dr. Leslie Harris, who served as Memorial's president from 1981-90, and who was himself an author and a person who appreciated novel ideas and books.

CASE is an international membership association that advances and supports educational institutions by providing knowledge, standards, advocacy and training designed to strengthen the combined efforts of alumni relations, communications, fundraising, marketing and allied professionals. For more information, please visit www.case.org/.

To access the website for *Novel Ideas: President's Report 2008* please visit www.mun.ca/2008report/pi.php.

Kudos continue

MEMORIAL UNIVERSITY HAS been honoured by the Canadian Council for the Advancement of Education (CCAIE) for excellence in communications and marketing.

The university was presented with six national 2009 Prix d'excellence awards during the organization's annual conference in Hamilton, Ont., in June.

Memorial received a gold medal for best special event category for I Love MUNDays

A second gold medal was awarded for best community outreach program for the Memorial-Petro-Canada Habitat for Humanity Build.

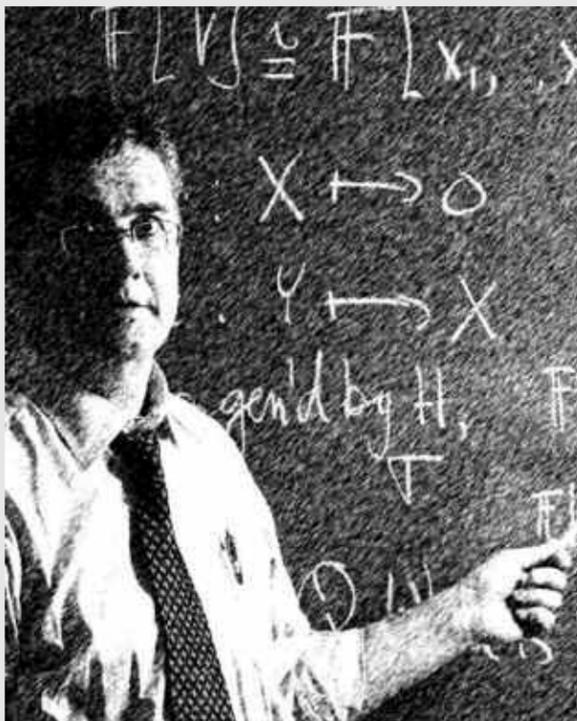
Top honours were again bestowed upon Memorial with a gold medal for best program for the student recruitment ceiling ad featuring the Rant Like Rick contest.

Memorial was singled out for a fourth prix d'excellence award with a silver medal for best print ad for the Vancouver Sky Train-Ceiling Ad.

A second silver was awarded for Best New Idea: Creativity on a Shoestring for MUNlive, an interactive online chat service for undergraduate and graduate students where prospective Memorial students can ask questions about the university with a live representative.

The university snagged a bronze medal for best brochure for Memorial's *Research Report 2008: Haystacks*.

To top things off, Memorial University employee Jeff



A page depicting Dr. Campbell from *Novel Ideas*.

Green received top honours as the CCAIE 2009 Rising Star award winner. Since 2005, Mr. Green has proved himself to be an invaluable member of the marketing and communications team.

In other recent awards news, Memorial was recognized by the Council for Advancement and Support of Educa-

tion (CASE) at its District I 2009 Communication Awards.

The university was awarded a gold medal for its *Research Report 2008: Haystacks* and picked up a bronze for its Amazing Students campaign.

An honourable mention was granted to Memorial for its *President's Report 2007*, as well.

Meanwhile, communicators at Memorial were the recipients of three awards at a ceremony in St. John's recently.

The International Association of Business Communicators' (IABC) Newfoundland and Labrador chapter presented its Pinnacle Award of Excellence Newsletters (Print) to *The Communicator*, Memorial University's employee newsletter for staff, faculty and retirees.

A Pinnacle Award of Merit-Annual Reports for *Novel Ideas: President's Report 2008* and a Pinnacle Award of Merit for Advertising (Traditional Media) for Memorial's radio campaign rounded out the accolades.

IABC is an international network of communication professionals. The organization provides a professional network of more than 15,000 business communication professionals in more than 80 countries.

In other awards news, the Canadian Association of University Continuing Education 2009 Marketing Awards named DELT's "Complete your Degree from Wherever You Are" the winner in the Broadcast Category and the Canadian Association of University Business Officers' 2009 Quality and Productivity Awards presented a second place to DELT for its Quality Management System.

For more information about the items below, contact the Office of Research, 737-8251.

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.

- Workers Compensation board of Manitoba – WBC Research & Workplace Innovation Program 2009
- Breast Cancer Research Foundation-AACR Grant for Translational Breast Cancer Research
- Cystic Fibrosis Research Grant – Letter of Intent
- NSERC/NRCan/AECL Generation IV Energy Technologies Grant Program
- AACR Funding Opportunities for Glioblastoma Multiforme (GBM) Research
- AACR Funding Opportunities for Anti-Angiogenesis Research
- SSHRC Standard Research Grants Program – Notification of Intent to Apply
- CIHR's Regional Partnership Program – Call for Letters of Intent
- The Lawson Foundation – Diabetes Funding Opportunity
- Research Corporation for Science Advancement – Scialog 2009; Solar Energy Conversion
- Heart and Stroke Foundation Awards
- Shastri Institute Millennium Development Goals Research Grant
- Joint CIHR-NSERC Funding Opportunity: Alternative Radiopharmaceuticals for Medical Imaging
- NSERC Strategic Network Grants Supplemental Competition in Capture Fisheries
- Heart and Stroke Foundation Senior Awards: New Investigator / Distinguished Clinician Scientist
- 2010 Scleroderma Foundation Research Grant Announcement
- Interagency Advisory Panel on Research Ethics – Call for Nominations
- ESRC/DFID Joint Scheme for Research on International Development (Poverty Alleviation) Phase 2

IMMINENT DEADLINES

Sept. 15

Canada Council for the Arts – project grants for organizations in the visual arts.

Chiang Ching-Kuo Foundation for International Scholarly Exchange – conference/seminar/workshop grants; publication subsidies.

Guggenheim, John Simon Memorial Foundation – fellowships to assist research and artistic creation (US and Canada).

Natural Sciences & Engineering Research Council of Canada – promoscience grants.

Newfoundland and Labrador Arts Council – professional project grants program.

Scleroderma Foundation – research grant program.

Sloan, Alfred P. Foundation (US) – Sloan research fellowships.

Sept. 18

Ontario Mental Health Foundation – research project grants.

Sept. 20

Memorial University, Office of Research – SSHRC travel grants for paper presentation at scholarly conferences; travel grants for international representation.

Sept. 30

Memorial University, Office of Research – SSHRC / Vice-President's Research Grants.

Royal College of Physicians and Surgeons of Canada – international travelling fellowship; Royal College fellowship for studies in medical education; medical education travelling fellowship; Detweiler travelling fellowships; Walter C. MacKenzie, fellowship in surgery.

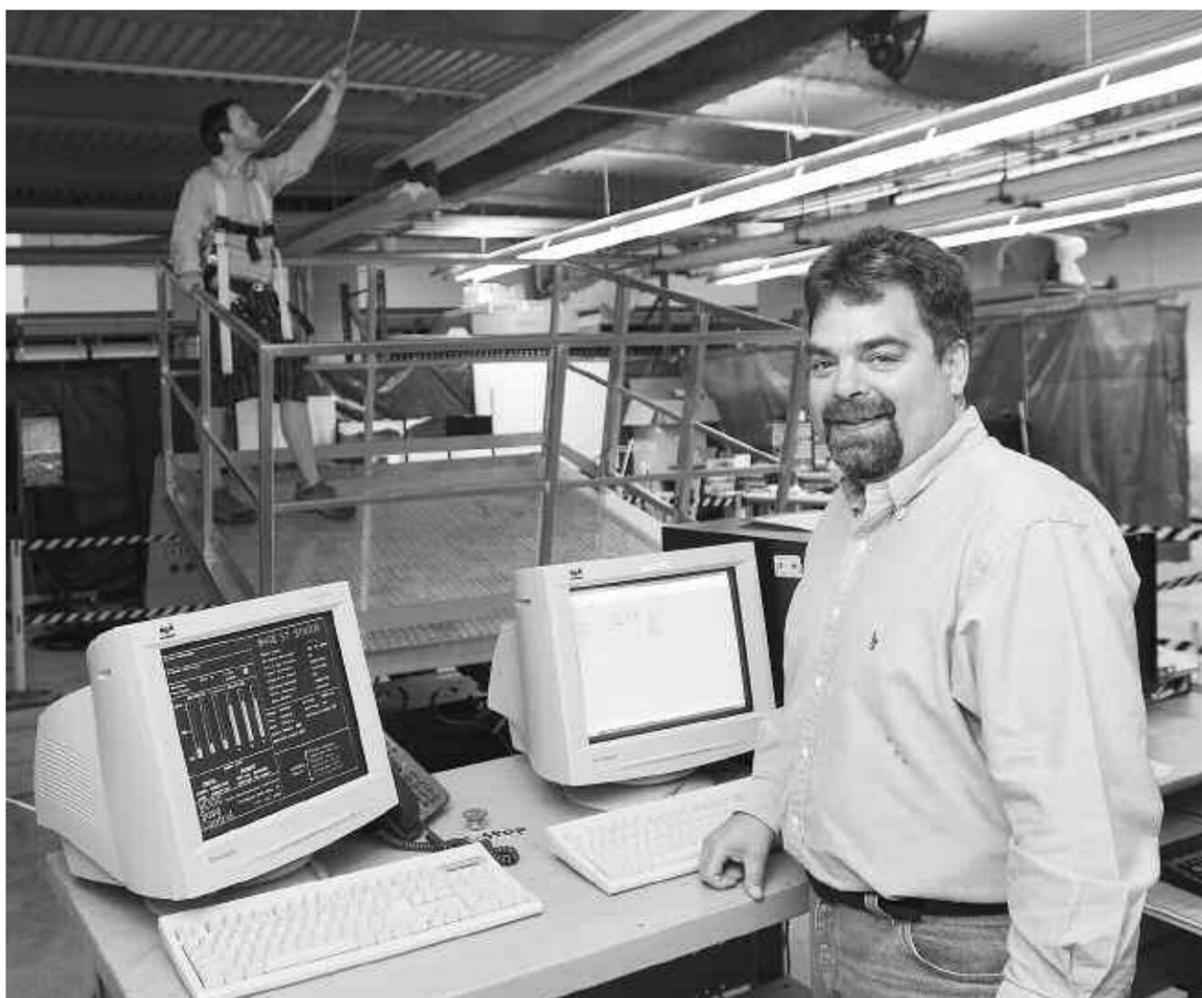


PHOTO BY CHRIS HAMMOND

Dr. Scott MacKinnon is part of a research team at Memorial studying the effects of motion induced fatigue and interruptions for those working in areas such as the offshore industry. The goal is to make working in these harsh environments safer. Memorial recently purchased a new motion simulator as part of the team's research.

Motion model

New equipment used to make working environments safer

By Jeff Green

A NEW \$100,000 motion simulator – housed in the Faculty of Engineering and Applied Science – is giving Memorial researchers a better understanding of how to make working in harsh environments safer, marrying industrial needs with applied research.

The high-tech gear, which includes a small platform with steel rails mounted on a movable base, simulates potentially dangerous work environments such as offshore oil rigs, ships and airplane decks.

It was recently purchased thanks to funding from the Atlantic Canada Opportunities Agency (ACOA)'s Atlantic Innovation Fund.

It will be used by researchers across the university and is currently being put to the test by a group studying the effects of motion induced interruptions and motion induced fatigue.

This summer, subjects will be strapped into a safety harness while standing on the moveable platform. From there, researchers will have an opportunity to examine their ability to maintain postural stability and study the cumulative effects of fatigue.

"It is difficult to replicate the motions observed in the North Atlantic – but we can come close to some of these with the equipment we have acquired at the university," said Dr. Scott MacKinnon, an associate professor in the School of Human Kinetics and Recreation (HKR) with a cross appointment in Engineering. He's also the co-director of SafetyNet and one of the main researchers working on the project.

"Many operations, mental and physical, can be affected by the quantity and nature of the moving environment. The more we know about it, the more we can develop safer process systems."

Dr. MacKinnon is part of an interdisciplinary team – which also includes researchers from the Marine Institute, Engineering, HKR and the National Research Council – who are looking at how the body reacts to motion induced interruptions and exhaustion while working in motion-rich environments.

Motion induced interruptions are interferences to the workday due to violent or sudden motions – common in workplaces such as the offshore – which force employees to re-gain their balance.

These same people often deal with motion induced fatigue, as well, said Dr. MacKinnon.

"We know that fatigue can be increased by two means with respect to motion – the direct effects are the added costs of fighting the motions under foot – the added energy to maintain balance over what is needed to do the task, say compared to the same task on land," he noted.

"Our goal is to make working in harsh environments as safe as working in your office or at home."

"Furthermore, sleep patterns and the quality of sleep are affected while living in moving environments. You wake up more often – often jostled awake – and shift patterns at sea and on oil rigs are typically described as horrible – so normal sleep patterns are affected – all this creates a cumulative affect which is called motion induced fatigue."

Memorial is a trailblazer in this type of research, Dr. MacKinnon noted. He said his group hopes to make safety and survival recommendations for those working in hazardous jobs.

He said ultimately the group would like to develop a motion induced interruption alert system.

"The empirical research we can do in a laboratory environment can be used to assess real-time motions at sea," he noted. "An expert system can be developed to advise workers when conditions are becoming less stable thus creating an increased risk for accident of injury."

"Innovation is a great catalyst," added Dr. MacKinnon, "but our goal is to make working in harsh environments as safe as working in your office or at home."

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GOOD LUCK AND FAREWELL The Memorial community sent Dr. Eddy Campbell and his wife Diane off in style at a university-wide barbecue recently. Shown at the far left is Board of Regents Chair Robert Simmonds and Michelle Healey, director of athletics. During the going-away party, Dr. Campbell was feted by several of his colleagues and presented with a plaque.

Christmas in July

By Mandy Cook

MEMORIAL'S CAMPUS FOOD BANK has a replenished pantry again, thanks to the collective efforts of hundreds of staff, faculty members and students.

The fourth annual 12 Days of Giving Drive was a huge success, with a total of 31 different departments participating and more than 4,000 food items collected.

From June 9-25, tins, bottles and boxes poured in according to the 12 Days of Christmas theme, where each department earned points for certain items. Bonus points were awarded for collecting the requested amount per day.

The goal of the fundraiser was to collect non-perishable food items during the summer season when giving may not be on the forefront of people's minds. But to the delight of all those who volunteer at the food bank, this year's drive didn't disappoint.

The Department of Biochemistry had a strong presence again this year, claiming top honours for most items donated (Biochemistry was also first in points for last year's event). Human Resources came in second place, Facilities Management ranked third, Computing and Communications and Edutech Services took fourth place and the QE II library came in fifth.

As a reward for all their efforts, coffee break treats will be served up to the first place winners.

Health information free to all

By Sharon Gray

IF YOU ARE INTERESTED in researching or learning about health issues, the highest quality, independent evidence available is now accessible to all Canadians on a trial basis. In Newfoundland and Labrador, local help is available through the Health Sciences Library of Memorial University and the Newfoundland and Labrador Public Libraries.

The Canadian Cochrane Network and Centre and the Canadian Health Libraries Association/Association des bibliothèques de la santé du Canada have joined together to sponsor a trial project to make the Cochrane Library available for free on the Internet to all Canadians until the end of 2009.

"The Cochrane Library is a collection of databases that contains high-quality, independent evidence to inform health-care decision-making," said George Beckett, associate librarian, Health Sciences Library. "It is a highly valued source of evidence-based information used by doctors and hospital administrators throughout the world. Thanks to this trial project the general public in Canada and Newfoundland and Labrador can access the Cochrane Library as well."

Free access to the Cochrane Library is available online. A user guide is available on the website. Additional help with using the Cochrane Library can be found on the Cochrane Centre site, www.cnc.cochrane.org/en/clib.html. For local help with the Cochrane Library you can contact the Health Sciences Library of Memorial University of Newfoundland at www.library.mun.ca/hsl.



The Human Kinetics and Recreation field.

Water well spent

By Mandy Cook

ALTHOUGH IT MAY APPEAR that St. John's campus groundskeepers are defying the current municipal water ban by hosing down the Human Kinetics and Recreation field, Memorial's horticulturist Chris Baird said he has jumped through "all the hoops" to get the go-ahead from City Hall.

"With the water ban we had to get permission from city council to allow us to water the field," he said. "We had to register to do that. It's in the record registry with the City of St. John's that Memorial is allowed to water for 60 days."

While Mr. Baird said that the grounds staff try and do their part by limiting the amount of watering on campus lawns and flower beds, the HKR field is an extra challenge to maintain because of its solitary status as the only playing surface currently in use.

Paton Field, adjacent to Burton's Pond, is to be the site of a new residence building and is under construction. The former Canada Games field next to the Aquarena is now used for parking.

Consequently, the HKR field sees a high volume of regular traffic with varsity team practice, School of Human Kinetics and Recreation training and summer camp activities.

"The Phys Ed field, or what used to be called the field hockey pitch, gets so much use that it deteriorates terribly because it never gets a rest," said Mr. Baird. "Particularly where the goals are, it's not like another soccer field where you can move the goals because it's confined, it's not even a regulation size so the areas in front of the goals are terribly, terribly worn."

This year, Mr. Baird and his staff are replacing large chunks of sod on both ends of the field which will require the extra watering. Top-dressing will help fill holes in the turf, and extra seeding will be applied as well.

In addition to the challenge of upgrading a field that is in almost constant use, Mr. Baird is also contending with a low number of seasonal help. During the high months of summer, 23 student positions are up for grabs to help with planting, watering, seeding and maintenance. This year, there are only eight students on the job. As well, the water ban complicates things further, with some thirsty annual beds getting a drink from water piped in from Burton's Pond.

"And if push comes to shove, we'll have to go to the pond by the Health Sciences Centre," said Mr. Baird. "Hopefully we'll get some rain soon."

The Facilities Management watering permit for the HKR field will last until mid-August.



PHOTO BY HSIMS

FROM RUSSIA On June 15, the President's Office hosted a reception for a high-profile delegation of Russian politicians and oil executives from Murmansk Province, who were in St. John's to attend the NOIA conference. During the reception a presentation was made to Dr. Stuart Durrant, left, Department of German and Russian, who is an honorary consul of the Russian Federation. Dmitrii Bystrov, First Secretary and Chief Trade Commissioner of the Russian Embassy in Ottawa, presented Dr. Durrant with a medal for service in Commemoration of 200 years of Russian Consular Service.

OBITUARY

DR. ELMER HARP, who received an honorary doctorate from Memorial University in 2004, died June 2, 2009, in N.H.. Dr. Harp was a pioneer of Newfoundland and Labrador archaeology, conducting site survey and excavation in the Strait of Belle Isle region in 1949-50 and 1961-1963. Following this, he conducted archaeological research throughout the Arctic. Dr. Harp was a highly respected scholar, a gifted photographer and an enduring friend to Newfoundland and Labrador.

VIOLETTA (LETTY) MALONEY HALPERT passed away on May 30. Wife of the late Herbert Halpert, an eminent folklorist, the pair moved to Newfoundland in the 1960s to develop the folklore studies program at Memorial. While her husband took on the role as head of the newly created Folklore department in 1968, Mrs. Halpert lectured and taught before turning her attention to areas outside of the classroom. As head of the acquisitions department, and later collections specialist, at Memorial University's library, Mrs. Halpert turned that vast

knowledge towards building an outstanding folklore collection and was largely responsible for developing the library's holdings in several areas that today are considered Memorial's strengths: folklore, American literature, linguistics, anthropology and Irish studies.

ROMEO LEBLANC, the first Acadian to be appointed governor general of Canada and a central figure in the Liberal party for more than two decades, died June 24 after a lengthy illness. He was 81. A former federal fisheries minister, Dr. LeBlanc received an honorary doctor of laws from Memorial in May 1997.

DR. HARRY EDSTROM, a professor in the Faculty of Medicine, died July 7. He was 67. Dr. Edstrom was clinical chief of medicine at Eastern Health; past-president of the Newfoundland and Labrador Medical Association; past governor of the American College of Physicians; served on the executive of the Canadian Medical Association and was a recipient of the 2002 Queen's Jubilee Medal.

CLASSIFIED

FOR RENT

Luxury oceanside house for rent in Flatrock (20-minute drive from St. John's, one town over from Torbay). Sept. 1, 2009, through June 30, 2010. New, bright house with three bedrooms, furnished, huge picture windows, deck, Jacuzzi, open-concept kitchen with all new stainless steel appliances, upright piano. High-speed Internet/cable possible. One of the bedrooms is a large writer's studio with breathtaking ocean views. Absolutely no pets or smoking indoors. Meticulous, responsible tenant(s) only, preferably MUN faculty or staff seeking accommodation for 2009-2010 academic year. Possible break from rental during academic holiday(s) if desired. \$850/month + your own utilities. Please email imply43528@mypacks.net.

FOR SALE

Apple iMac G5 20" desktop, New 300 GB hard drive, new power supply, 512 MB RAM (plus empty RAM slot), Leopard OS disk, excellent condition. \$650 wrodgers@mun.ca.

FOR RENT

Quidi Vidi Condo. Fabulous view from the condo's 750 square foot patio. Available for the fall semester, longer rental period negotiable. \$1,000 per month fully furnished. POU. For more information, visit <http://quidividicondoforrent.ning.com> or e-mail quidividicondo@gmail.com.

FOR RENT

Spacious one-bedroom apartment. Bright living room/kitchen, large bedroom, own laundry and

storage. Includes washer/dryer/fridge/stove/dish-washer. \$750 a month POU, downtown. Quiet house, no smokers. Available now! Must see to appreciate. Please call: 758-2469 or 709-699-8923.

FOR RENT

Beautifully decorated spacious home, private country setting, 15 mins to anywhere in St. John's.

3 BR, 1 1/2 Bathrooms, LF, DR, den, new kitchen and Breakfast nook. Hardwood floors, ceramic tiles, all new appliances. Exceptional views. Available immediately. Professional couple, non-smokers, no pets. \$1,600 utilities extra. Appointment to view 709-727-3251.

FOR RENT

Unique Battery house. September. 2 BR house with 180 degree views from Cape Spear to downtown. NL spruce and cherry floors, cast iron tub with great views to sea, granite kitchen counters, stained glass. Wood stove. Architect-designed and built by renowned local craftsmen. Call 902-640-2193 or e-mail trenouf@gmail.com.

FOR RENT

Professor's house for rent (furnished) late Aug. 2009 through July 31, 2010 in quiet East End neighbourhood. 15 min walk to MUN. 3 bedrooms, 1 bath. \$1,000/month p.o.u. No smokers, no pets. Contact Kris (kris@mun.ca or 737-8890).

Thursday, July 16

Innate selflessness: Evolution of MHC-dependent and MHC-independent systems for NK recognition of target cells by Dr. James Carlyle, assistant professor, Department of Immunology, University of Toronto 11 a.m.-12 p.m. Health Science Centre, Lecture Theatre B.

Beyond the Backyard: Fun Beyond Your Fence For Parents and Tots at the Botanical Garden 10:15-11:30 a.m. 306 Mount Scio Rd.

Summer Safari: Take a Walk on the Wild Side at the Botanical Garden 2:30-3:40 p.m.

Friday, July 17

Memorial Association of Seventh Day Adventist Students presents Voices of a Dying Planet - An examination of the Music World with Brian Neumann 7:30-9 p.m. Engineering, EN-2006.

Beyond the Backyard: Fun Beyond Your Fence For Parents and Tots at the Botanical Garden 10:15-11:30 a.m.

Summer Safari: Take a Walk on the Wild Side at the Botanical Garden 2:30-3:40 p.m.

Saturday, July 18

The Floral Art Group of the Newfoundland Horticultural Society presents a floral art show at the Botanical Garden 12-5 p.m.

Sunday, July 19

Sunday Nature Hikes at the Botanical Garden 10-11:30 a.m.

Floral Art Show at MUN Botanical Garden continues 10 a.m.-4 p.m.

Wednesday, July 22

Meet Memorial 2009 features International Student Advising Office and the Department of Human Resources 10 a.m.-2 p.m. Corte Real 1000A and Arts Building, 4th floor (west). See www.mun.ca/meetmemorial/meet/.

Gardiner Centre presents Critical Thinking and Problem Solving Skills for Leaders 9 a.m.-4:30 p.m. B4019, Business Administration.

PhD oral defence of Yudan Liu, Faculty of Medicine, titled Dopaminergic Neurons in the Ventral Tegmental Area: Role of L-type Calcium Channels in Firing Regulation, 10 a.m.-12 p.m. IIC-2014, Inco Innovation Centre.

Thursday, July 23

Beyond the Backyard: Fun Beyond Your Fence For Parents and Tots at the Botanical Garden 10:15 a.m.-11:30 a.m.

Summer Safari: Take a Walk on the Wild Side at the Botanical Garden 2:30-3:40 p.m.

Friday, July 24

Memorial Association of Seventh Day Adventist Students presents Voices of a Dying Planet - an examination of the Music World with Brian Neumann 7:30-8 p.m. Engineering, EN-2006.

Beyond the Backyard: Fun Beyond Your Fence For Parents and Tots at the Botanical Garden 10:15-11:30 a.m.

Summer Safari: Take a Walk on the Wild Side at the Botanical Garden 2:30-3:40 p.m.

Saturday, July 25

John Cabot Rose Society Show at the Botanical Garden 12-5 p.m.

Sunday, July 26

Sunday Nature Hikes at the Botanical Garden 10-11:30 a.m.

John Cabot Rose Society Show continues at the Botanical Garden 10 a.m.-4 p.m.

Memorial's Team Tely 10 8-11 a.m. Join today to train and ready yourself by contacting Laura Chapman at lchapman@mun.ca.

Monday, July 27

Division of Lifelong Learning presents Culinary School for Teens (ages 13-17) 1-4 p.m. Call 737.7979 or see www.mun.ca/lifelonglearning.

Summer Institute on Teaching Dossiers, a three-day institute designed for full- or part-time faculty, contractual or sessional instructors who have never prepared a teaching dossier or who want to revise an earlier version, 9:30 a.m.-3:30 p.m. ED-2030B, Education Building. To register contact instrdev@mun.ca.

Wednesday, July 29

Meet Memorial 2009 presents Allied Health Services in the School of Human Kinetics Recreation and the Botanical Garden, 10 a.m.-2 p.m. Phys. Ed Building main entrance and 306 Mt. Scio Road. See www.mun.ca/meetmemorial/meet/.

Thursday, July 30

The Newfoundland Quarterly presents An Evening with Gordon Pinsent 7-9 p.m. D. F. Cook Recital Hall. The event will include readings, performances and an interview with Mr. Pinsent, conducted by CBC radio host Jamie Fitzpatrick. A reception will follow.

Beyond the Backyard: Fun Beyond Your Fence For Parents and Tots at the Botanical Garden 10:15 a.m.-11:30 a.m.

Summer Safari: Take a Walk on the Wild Side at the Botanical Garden 2:30-3:40 p.m.

Friday, July 31

School of Pharmacy Alumni Golf Tournament 8 a.m.-3 p.m. GlenDenning Golf and Country Club, St. John's.

School of Pharmacy presents a Welcome to Memory Lane Registration and Reception 2-4:30 p.m.

School of Pharmacy Class Connections at Club One 6-10 p.m. Club One on George Street, St. John's.

Memorial Association of Seventh Day Adventist Students presents Voices of a Dying Planet - an examination of the Music world with Brian Neumann 7:30-9 p.m. Engineering, EN-2006.

PhD oral defence for Tammy Gosse, Department of Chemistry, titled Investigating Endo-Exo Selectivity in Diels-Alder Reactions 10 a.m.-12 p.m. IIC-3001, Inco Centre.

Beyond the Backyard: Fun Beyond Your Fence For Parents and Tots at the Botanical Garden 10:15 a.m.-11:30 a.m.

Summer Safari: Take a Walk on the Wild Side at the Botanical Garden 2:30-3:40 p.m.

Saturday, Aug. 1

School of Pharmacy continuing education 9-11:30 a.m. Engineering Building, EN-2006. Two sessions are offered. From 9-10 a.m. the topic is Adverse drug-related events and hospital visits; opportunities and challenges for pharmacists, with Peter Zed, B.Sc.Pharm ('95). From 10:15-11:15 the topic is the Ratiopharm CFP Report: Perceptions of future seniors, baby boomers and caregivers about pharmacy, by Christopher Boland B.Sc.Pharm ('99).

Memorial University Medical Graduates' Society presents the Dean Ian Rusted Memorial Golf Tournament 2:30-6:30 p.m. Clovelly Golf Course, St. John's. To register, email rsvpalumni@mun.ca.

Sunday, Aug. 2

School of Pharmacy Continuing Education IIC-2001, Inco Innovation Centre. Two sessions are offered. From 9 to 10 a.m. the topic is Management of chronic non-cancer pain: Focus on prevention of opioid abuse and diversion, with Sandra Carey, B.Sc.Pharm ('91). From 10:15-11:15 the topic is Where have all the pharmacists gone? with Stephanie Young, B.Sc.Pharm ('90), PharmD. Msc.Med.

Wednesday, Aug. 5

RCMP Career Presentation 6-7 p.m. Education, ED-3034B.

Helping a language to live

By Janet Harron

A **MILLION DOLLAR** CURA grant like the one recently awarded to Dr. Lisa Rankin doesn't happen everyday, but another Faculty of Arts researcher is laying the groundwork for future success in that competition.

Dr. Carrie Dyck of the Linguistics Department recently received a \$20,000 developmental grant under the Letter of Intent program to prepare a CURA proposal.

Her project "Cayuga Language Maintenance" aims to maintain the Cayuga language of the Six Nations as a vibrant and living language. Less than 100 people — approximately one to three percent of the population — of the Six Nations currently speaks Cayuga, which is from the same language family as Oneida, Mohawk and Seneca.

Dr. Dyck approaches the question of Cayuga from a more positive perspective. "The language is still spoken 500 years after being actively suppressed — that in itself is positive," she said. Explaining that Community University Research Alliances grants are meant to be the start of something big, Dr. Dyck envisions the establishment of a language foundation for Cayuga with its own building and projects directed by Cayuga speakers.

The project will record what fluent speakers know — this will in turn enhance the Cayuga dictionary that Dr. Dyck helped to produce back in 1992 and will benefit

work she is currently doing on Cayuga grammar. Dictionaries, grammars and lexicons are major tools in the fight against language loss as they are used for teaching and literacy training.

This is of particular import for Cayuga speakers due to its huge oral tradition. As Dr. Dyck explained, within its Longhouse religion there are some ceremonies that take four straight days to recite. Not to mention the thousands of years of ecological knowledge that have been passed down over the generations. All of these aspects of culture and traditional knowledge are in danger of being lost as native speakers die off.

Dr. Dyck spoke highly of the dedicated language activists at Six Nations who are taking personal responsibility for this project. "They are doing it because they know no one else will ... a CURA grant would most importantly act as moral support for them."

For the first time this fall, a Structure of Cayuga course will be taught at Memorial and Dr. Dyck mentioned that adult courses in Cayuga are now being held at McMaster, U of T, and Glendon College.

Dr. Dyck is planning a series of community workshops in the first two weeks of July at Six Nations. These will take place at the Woodland Cultural Centre, one of the project's key community partners in Brampton, Ont. Not so long ago the centre was the site of a notorious residential school known as the Old Mush Hole. From 100 speakers to a living language? Anything is possible.



Dr. Carrie Dyck has received a developmental grant for her work on the Cayuga language.

SSHRC awards study on modernity and the Bible

By Janet Harron

RELIGIOUS STUDIES PROFESSOR Kim Ian Parker has received a SSHRC Standard Research Grant for his latest research project which investigates how the development of historical-critical approaches to the Bible in the late seventeenth century contributed to the rise of modernity, primarily through an examination of John Locke's published and unpublished works.

Following on the heels of his most recent book, *The Biblical Politics of John Locke* (2004), an investigation into Locke's use of the Bible in *The Two Treatises*, Dr. Parker's concern, in this project, is broader in scope. He wants to show that changing

attitudes towards the Bible were a more significant influence than has been previously thought, not only for the way in which we read ancient text, but for modernity itself.

"The Bible was such a highly influential book at the time, yet the connection between how early moderns like Locke, Hobbes, Spinoza, and Newton to some extent, not only changed the way in which we read the Bible, but also had a hand in the development of modernity itself, is fascinating. I thought it would be revealing to examine what function the Bible played in the development of modernity, most specifically, how Locke used the Bible to develop concepts like freedom, equality, toleration, freedom of the press, and so forth," said Dr. Parker.

As Dr. Parker explains, "Locke is very modern in the sense that he wanted to understand the Bible by examining the various books within their historical context, but he also wanted to retain the Bible as a source of political inspiration. It is one of the few times when we can see where modernity and the Bible meet head-on."

Dr. Parker's three year Standard Research Grant will be used to visit various research libraries throughout Europe and North America, and to transcribe material from the Locke and Newton archives in Oxford and Cambridge.

For further information on SSHRC Days and the August research workshops please see www.mun.ca/arts/research/workshops.php.

Health Research office to be established in Grand Falls-Windsor

By Sharon Gray

THE FACULTY OF MEDICINE will establish a new outreach office in Grand Falls-Windsor that will be part of a provincial network of outreach offices located in each of the four health regions, conducting research in human genetic disorders and population health in Newfoundland and Labrador.

This outreach office will serve as part of the infrastructure to translate key research findings back to the community, and to their health care providers, and to inform health policy with an aim to help improve delivery of care in rural and remote areas of the province.

The office in Grand Falls-Windsor will be responsible for recruitment of participants from the community into studies on genetics research and population health. The project will also receive funding from the Canadian Institutes of Health Research and Government of Newfoundland

and Labrador. The Grand Falls-Windsor office will start with a staff of six and will grow to 12 over the life of the project.

This project will be supported by a contribution of just over \$1.4 million, with \$740,000 from ACOA's Community Adjustment Fund (CAF), just over \$250,000 from the Department of Innovation, Trade and Rural Development Regional/Sectoral Diversification Fund (RSDF); \$350,000 from the Canadian Institutes of Health Research and \$136,000 from Genome Canada.

Dr. Patrick Parfrey, Memorial University's associate dean of clinical research in the Faculty of Medicine, explained that the Grand Falls-Windsor research office will combine the opportunities arising from the distinctive characteristics of the province's population with the expertise of a proven interdisciplinary research team.

"Our research program has had substantial economic benefits for Newfoundland and Labrador through

"Our research program has had substantial economic benefits for Newfoundland and Labrador through research funding and employment of highly skilled personnel."

research funding and employment of highly skilled personnel," said Dr. Parfrey. "MUN's Interdisciplinary Research Team in Human Genetics has developed key partnerships with the Government of Newfoundland and Labrador, Department of Health and Community Services, Central Health Corporation and rural physicians who will directly benefit from the evidence-based research that emerges from the work."