



PHARMACY HISTORY A donation of rare apothecary bottles by a Memorial alumna is a welcome gift at the School of Pharmacy.



SOCCKER STARS? The women's Sea-Hawks hope to become the first Memorial female soccer team to claim an AUS championship this weekend.



FALL CONVO 2009 Accolades for graduates and honorary graduates alike are featured in our special convocation two-page spread.



PHOTO BY CHRIS HAMMOND

Graduate Alicia Campbell speaks with His Royal Highness the Prince of Wales during the royal visit to the Marine Institute campus this week.

Royal visit

By Meaghan Whelan

MEMORIAL UNIVERSITY of Newfoundland's Fisheries and Marine Institute was the site of the royal visit on Tuesday, Nov. 3. As part of the three-day visit of the Prince of Wales and Duchess of Cornwall to the province this week, Prince Charles came to the campus to meet Marine Institute officials and researchers, as well as the SIFE Memorial student group. The groups were chosen to meet the Prince of Wales based on his interest in marine conservation and youth entrepreneurship.

"The Marine Institute, recognized as a global leader in marine research, and nationally recognized SIFE Memorial's community-based entrepreneurship, are excellent examples of the calibre of people and resources we have at Memorial," said Dr. Christopher W. Loomis, president and vice-chancellor (*pro tempore*) of Memorial University. "The inclusion of Memorial on the official itinerary for the Prince of Wales is quite a distinction and was an excellent opportunity to showcase our world-class facilities and students."

The Prince of Wales first visit was at the flume tank at the Marine Institute. He then met with Marine Institute Executive Director Glenn Blackwood and researchers in the

See **ROYAL** on page 2

Ceremony of Remembrance

MEMORIAL UNIVERSITY is aptly named as a living memorial to those who fought in the first and second world wars. Each year, a Ceremony of Remembrance is held to reflect on the lives lost and those who fought to leave a better world for those who remained.

This year's ceremony will take place in the Robert G. Reid Theatre in the Arts and Administration Building, St. John's campus, on Tuesday, Nov. 10 at 11 a.m.

This year's focal point will be the reading of letters sent from the battlefield of the First World War by Capt. Kevin Keegan, a member of the Royal Newfoundland Regiment, by his son-in-law Maj. Nicholas Neve. There will also be a limited number of forget-me-not commemorative pins designed by Professor Rob Shea and with artwork by artist James Long distributed to guests. A reception will follow in the Founder's Gallery.

As the 100th anniversary of the beginning of the First World War approaches in 2014, Memorial is reviewing its remembrance activities and seeking the public's input. Please visit www.mun.ca/memorial/living/remembrance/ to review the ways and provide suggestions as to how Memorial presently remembers those who have sacrificed in service to their country. Participation in the online survey is very much encouraged by Nov. 16, 2009.

Memorial managing through H1N1 pandemic

MEMORIAL UNIVERSITY continues to manage through the H1N1 flu pandemic that has gripped North America in recent days. Thus far, the university has experienced a slight increase in the number of class cancellations. Administrators have set up a student self-report mechanism that has since the start of the fall semester seen 680 students, or four per cent of the student population, self report that they have flu-like symptoms. Staff absences due to illness are up by 30 per cent for the week of Oct. 26-30, when compared with last year's figures. However, the university is not experiencing any serious operational challenges as a result.

"We are approaching the H1N1 issue very carefully and are focused on maintaining the health of faculty, staff and students," said David Head, Memorial's director of Enterprise Risk Management, and chair of the Pandemic Planning Preparedness Committee. "In addition, we are trying to ensure that the university remains open and that academic programs and research activities along with the day to day university administration continue as best as they can in the circumstances."

A comprehensive web site containing information pertaining to mitigating the spread of the virus is located at www.mun.ca/h1n1.

The university is dealing with the large student population, including a significant group who live in the university's residence complexes.

The university has about 40 cases of flu-like illness in the

residences on the St. John campus and approximately 15 reporting flu-like symptoms on the Sir Wilfred Grenfell College campus in Corner Brook. The number of actual H1N1 cases cannot be accurately reported because testing is not being comprehensively done.

The residences at Sir Wilfred Grenfell campus are not seeing as many cases of flu-like illness, but similar precautions and procedures are in place for the students on the university's west coast campus.

"At Grenfell College we are not seeing a large amount of housing students reporting they are ill, approximately four or five per week," said Jennifer Mitchell, manager of Student Housing at Grenfell. "We have been informing students about H1N1 preventative measures, and are supporting those who are sick by ensuring housing staff are keeping in touch. Student housing will also arrange meals and transportation to flu clinics for those who are ill."

Eastern Health, the regional health authority, has also approached the university about setting up an immunization clinic on the St. John's campus so that faculty, staff and students can get the H1N1 vaccine on campus. Discussions with Eastern Health continue on logistical details of the clinic, and the university will advertise the location and clinic hours as soon as they are known. In Corner Brook, vaccinations for students at Grenfell College are currently

See **H1N1** on page 2

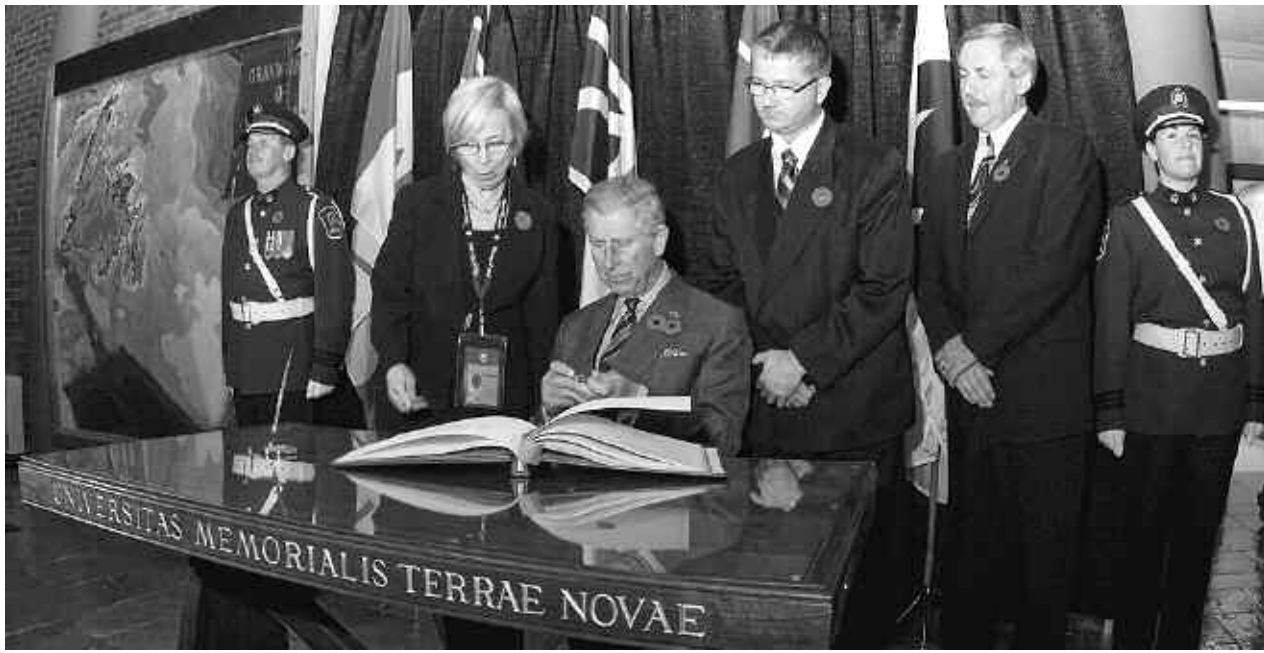


PHOTO BY CHRIS HAMMOND

His Royal Highness Prince Charles signs the guest book in the Marine Institute lobby.

cont'd from **ROYAL** on page 1

areas of fisheries conservation, ocean sciences, marine ecosystems and sustainable aquatic resources.

"We were delighted that the Prince of Wales decided to visit the Marine Institute during his trip to the province," said Mr. Blackwood. "We were very pleased to demonstrate the Marine Institute's education and research capabilities with him, especially the area of marine conservation, where he had the opportunity to engage with local researchers in a discussion on fisheries conservation and environmental sustainability."

Following the discussion and demonstrations of fishing conservation technology in the flume tank, the Prince of Wales met with SIFE Memorial, a student group dedicated to creating local solutions to global economic challenges

through entrepreneurship. The team has won four consecutive national titles, and has placed in the top three in the SIFE World Cup competition for the past three years on the strength of their community outreach projects. (SIFE is the acronym for Students in Free Enterprise.) Dr. Lilly Walker, dean of Student Affairs and Services, was the university's official host for the royal visit. "The Prince of Wales is a strong supporter of youth entrepreneurship, so we were excited to introduce him to our extraordinary SIFE Memorial team. These 90 or so students have made significant contributions to their communities and the representatives from the group chosen to showcase four of their projects were excellent ambassadors for Memorial University and Newfoundland and Labrador."

More information about the royal visit check online at www.visiteroyale-royalvisit.gc.ca.

CCFI to continue providing fisheries research

By Darcy MacRae

THE PROVINCIAL GOVERNMENT will immediately provide \$600,000 to the Canadian Centre for Fisheries Innovation (CCFI) at the Fisheries and Marine Institute of Memorial University.

This funding will come from Budget 2009: Building on Our Strong Foundation. This places Newfoundland and Labrador at the forefront of fisheries and aquaculture research and development in Canada. It is being provided in response to a proposal from CCFI for its renewal and enhancement.

"Our government, like many others, was disappointed that the Government of Canada decided not to renew core funding for CCFI," said Tom Hedderson, minister of Fisheries and Aquaculture. "We knew that this nationally-recognized research centre had made a significant contribution to the management and development of Canadian fisheries and aquaculture industries. This is especially true here in Newfoundland and Labrador. Therefore, it was important to ensure the continuation of this organization for our ocean industries."

The goal of both CCFI and the provincial government is to use this funding to create an applied fisheries and aquaculture research centre, in Newfoundland and Labrador. Under this new arrangement, CCFI will engage the expertise and facilities at Memorial University and the Marine Institute, to carry out its various research projects.

The centre has a particularly strong relationship with the university and will continue to be housed at the Marine Institute.

"CCFI would like to thank the Government of Newfoundland and Labrador for their visionary and constructive approach to the continued development and diversification of the fishing and aquaculture industries through research," said Gabe Gregory, chairman, CCFI.

"With this provincial government support, the centre and its industry and university partners will be embarking immediately on a program of science and technology to meet a variety of challenges in the industry. These include enhancing sustainability, improving safety, meeting changing market

demands and a long list of exciting opportunities."

CCFI was established in 1989 by Memorial University and the Marine Institute, with funding primarily from the Atlantic Canada Opportunities Agency. However, while it has been owned by the university and funded by governments, it has largely been directed by representatives from the province's fishing and aquaculture industries.

Up to 46 per cent of the research and development project funding now comes from industry.

"This strong relationship with industry has contributed to the centre's national reputation as the only publicly-funded research and development agency in all of Canada that is solely dedicated to fishing and aquaculture industries," said Minister Hedderson. "It is particularly important to our province to ensure that this expertise is maintained and improved as our industry continues to work toward becoming more competitive in the global marketplace."

CCFI's ultimate goal is to establish funding from across the Atlantic region and ultimately throughout Canada. With core operating funding now secured from the Government of Newfoundland and Labrador, CCFI will be approaching other jurisdictions for support in maintaining and enhancing its work throughout Atlantic Canada, Quebec and Nunavut.

An area of increased focus for CCFI will be fisheries science and technology. This work will assist with resource quantification and analysis, in order to increase our knowledge of marine fish resources. It will also help the province to understand the impacts of fishing and predator interactions on the fishery, as well as the implications for the fishing industry and communities that depend on the industry.

This research will be of immense value to the provincial government as it works to enhance the contribution that marine resources can provide to the provincial economy. "Our government is pleased that we have been able to work with CCFI and our industry to develop a plan that will keep this research entity operating in the province," said Minister Hedderson. "We look forward to seeing it grow and develop, to support our fishing and aquaculture industries into the future."

OBITUARY

James Dexter Boone

Jim Boone of Paradise, an instructor at the Marine Institute's Offshore Safety and Survival Centre, passed peacefully away at the L.A. Miller Centre in St. John's on Thursday, Oct. 15, 2009, age 50 years.

Phyllis Escott (nee Cramm)

Phyllis Escott, a retiree from the Library, passed away at St. Luke's Homes, on Oct. 14, 2009, age 85 years.

cont'd from **H1N1** on page 1

planned to take place at the Pepsi Center, adjacent to campus, as part of Western Health's mass immunization plan.

Memorial University's Fisheries and Marine Institute has also been an active participant in Memorial's pandemic preparedness planning and is carefully monitoring the situation on its campus. The institute is tracking class cancellations and student absences and has seen no appreciable increase in the number of employee absences.

The Marine Institute is working diligently to promote the three C campaign, providing access to H1N1 information via the Marine Institute and Memorial websites and ensuring that hand sanitizers are available for students, employees and visitors.

For more information, please visit www.mun.ca/h1n1.

GAZETTE

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



From left: Dr. Ray Gosine, Dr. Ralf Bachmayer and Gary Vokey.

New award affirms commitment to research excellence

By Jeff Green

A \$250,000 donation will help foster a new generation of emerging researchers at Memorial.

The creation of the Terra Nova Young Innovator Award was officially announced during a ceremony Oct. 28 on the St. John's campus. The prestigious award is funded by the Terra Nova development, an offshore oil field operated by Suncor Energy.

The donation will allow awards to be presented annually to Memorial researchers in each of the next five years.

It will recognize, promote and support outstanding and emerging researchers whose innovative work has the potential to significantly impact society.

"The Terra Nova Young Innovator Award will recognize and provide early career support for outstanding young researchers at Memorial," said Dr. Christopher W. Loomis, president and vice-chancellor *pro tempore* at Memorial.

"I applaud Suncor Energy and the owners of the Terra Nova development for their support of research excellence at our university. This new award reflects their vision and commitment to giving back to the communities in which they are such an important part."

The announcement of the Terra Nova Young Innovator Award was made during a special celebration in Memorial's School of Music honouring the 2009 recipients of the Petro-Canada Young Innovator Awards. Petro-Canada, which merged with Suncor Energy in August of 2009, has presented the award at Memorial University since 1998.

"Recipients of the Young Innovator Award represent the outstanding educational and scientific capabilities in our province," said Alan Brown, vice-president, East Coast for Suncor Energy. "We're delighted to be supporting a scholarship program that will not only keep promising researchers in our province, but will help to attract innovative researchers to Memorial."

Dr. Ralf Bachmayer, an associate professor from Memorial's Faculty of Engineering and Applied Science and the Marine Institute, and Dr. Kristin Poduska, an associate professor from the Department of Physics and Physical Oceanography, are the 2009, and final, recipients of the Petro-Canada Young Innovator Award.

Dr. Bachmayer is an emerging leader in the area of ocean technology with his innovative work using autonomous underwater gliders. His key interests focus on overcoming constraints on conventional gliders so they can be used in innovative scenarios such as missions under sea ice.

See **LEADERS** on page 4

\$1.95 M investment in Atlantic Canada Venture Gateway

By Meaghan Whelan

A FACULTY OF BUSINESS Administration initiative got a major boost on Oct. 16 when federal and provincial governments announced a combined \$1.95-million investment in the Atlantic Canada Venture Gateway.

The Atlantic Canada Venture Gateway, formerly Gateway Without Borders, is an outreach initiative of the Faculty of Business Administration that assists high-growth technology firms in attracting capital and securing strategic business partnership in the international marketplace. The funding announced today will see the project expand across Atlantic Canada.

Daryl Genge, director of the Atlantic Canada Venture

Gateway, said this program is addressing a significant need in the business community.

"Accessing private capital and breaking into established markets are issues that most innovative firms face during their development, and companies in our region are no exception," Mr. Genge explained. "The Gateway concept was really driven by our recognition that universities like Memorial, through their networks and resources, can play a role in solving some of these issues."

There are two main components to the Atlantic Canada Venture Gateway: investment readiness and deal development. During the investment readiness process, Gateway works with clients to help them under-

See **GATEWAY** on page 10

New members appointed to Board of Regents

Two new members have been appointed to Memorial University's Board of Regents. Darin King, provincial minister of Education, announced Oct. 22 that Bill Matthews has been appointed as a regular member, and Auburn Warren is appointed as an alumni representative.

"Memorial University has an important and unique role to play in the social and economic development of our province," said Minister King. "As such, I am pleased to announce today the appointment of two individuals who will help guide the university in all its future endeavours. I have every confidence that Mr. Matthews and Mr. Warren will make an invaluable contribution to the Board of Regents."

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

More smoke-free areas

The properties owned or operated by Memorial University in and around the Health Sciences Centre (HSC) are now smoke-free.

The Health Sciences Centre is operated jointly by Eastern Health and Memorial University. While the HSC spaces occupied by the Faculty of Medicine, Schools of Nursing and Pharmacy, the Animal Care Unit and the Biomedical Division of Technical Services are already smoke-free under university policy, Memorial has agreed to a request from Eastern Health to follow its lead in making outdoor areas adjacent to the buildings smoke-free as well.

Eastern Health's request was an effort to have a consistent practice in place in the organizations' shared properties inside Clinch Crescent.

"The university units in the HSC were concerned that inconsistent procedures regarding smoking would lead to confusion and to smokers congregating in Memorial's part of the property," said Kent Decker, Memorial's vice-president (administration and finance). "Now Memorial units that are co-located with Eastern Health units will follow new guidelines that are consistent with Eastern Health's ban on smoking indoors and outdoors on properties it owns or operates."

He noted that smoking cessation programs for MUN employees working in the HSC are available through Human Resources; call Laura Chapman at 737-7405 or e-mail lchapman@mun.ca.

Annual report takes gold

Memorial University has been singled out yet again for its *Novel Ideas: President's Report 2008*, a publication crafted inside the university that has already garnered numerous awards nationally and internationally.

Members of the Division of Marketing and Communications accepted the 2009 Award for Best Brochure and Catalogue for *Novel Ideas: President's Report 2008* in Halifax Oct. 28. The annual report was also recognized with two Craft Awards: one for writing and one for design. The ICE (Innovation, Creativity, Enterprise) Awards are organized by a diverse group of Atlantic Canadian advertising and marketing professionals.

Considering the ICE Awards is an advertising- and marketing-dedicated event, Memorial's executive director of the Division of Marketing and Communications Victoria Collins said the award is particularly satisfying as institutional publications are not typically included in the competition.

"It's a real morale booster," said Ms. Collins. "The ICE award will hopefully help attract more creative individuals to come and work at Memorial, as well as build on the university's visibility nationwide."

Rare bottle donation

By Sharon Gray

THE BOTTLES are small and delicate with labels in 24 carat gold, fastened with beeswax. Any museum would be proud to have this collection of apothecary bottles, recently donated to the School of Pharmacy.

The donation came from Kathryn Snow (BN'77 MN'93), whose uncle, Donald F. Welsford, owned and operated Welsford's Drug Store on Main St. in Saint John, N.B.

"It was one of the last 'old time drugstores,' where compounding was carried out daily," recalled Ms. Snow. "I can remember when I was a child and needed a cough and cold preparation, the last thing my uncle would say was 'What flavour would you like,' and then mix the flavour. Talk about individual service! As well, the drugstore was the last soda fountain drug store in Saint John. I worked in the store one summer when I was a teenager and I particularly remember making what was called a 'pony,' which was a soda without ice cream. Lemon-lime was a popular flavour."

Ms. Snow's family travelled to New Brunswick from Newfoundland every summer to visit their family in Saint John. "I remember Uncle Don had a black cat in the store



PHOTO BY HSIMS

that had come from Newfoundland – her name was Newfie!" she said.

Dr. Linda Hensman, director of the School of Pharmacy, is thrilled to receive the bottle collection, which will be kept in a safe environment.

Listening to Ms. Snow's story of making up sodas at Welsford's Drug Store, Dr. Hensman remarked that the art of compounding used to be standard for pharmacists. "Everything was compounded – liquids, pills, creams and ointments – there were no manufactured products years ago. In today's pharmacy practice we are seeing a resurgence of specialty compounding to address the unique needs of patients. Our students still learn to compound prescriptions as pharmacists like Mr. Welsford did, but with a modern day focus."

Mr. Welsford was a well-regarded pharmacist in New Brunswick and nationally. He received the Bowl of Hygeia Award, sponsored by Wyeth Consumer Healthcare in recognition of outstanding community service by a pharmacist.

The bottles came to Ms. Snow as a gift upon her graduation. Her uncle had had a shelf unit made for the bottles so that they could be displayed and enjoyed. Ms. Snow has enjoyed them for many years and would like the larger community to be able to enjoy them now. "I am pleased that the apothecary bottles are now in good hands at the School of Pharmacy for all to enjoy."

Memorial enrolment figures climbing

THE ASSOCIATION of Atlantic Universities (AAU) released its 2009-10 Preliminary Survey of Enrolments and Memorial University is showing solid enrolment growth. Memorial is also ahead of some of its peer institutions in some enrolment categories.

Memorial University has seen a strong increase in its enrolment this year, following a period of modest decline. Total enrolment grew by 649 students (3.7 per cent) to 18,172. Undergraduate enrolment was up 2.4 per cent, while graduate enrolment grew by 11.2 per cent. The total number of first year students grew by 65 (2.6 per cent) to 2,544. Transfer students increased by 20 per cent to 905 students. The total number of international undergraduate students increased by 26.9 per cent to 622 individuals. The number of international graduate students also grew in comparison to fall 2008. The number increased by 13.5 per cent to 464 students.

"Memorial's enrolment numbers are very encouraging," said Dr. Christopher Loomis, Memorial's president and vice-chancellor *pro tempore*. "People across the university are working hard to increase our enrolments and their efforts are paying off, especially in graduate studies. Achieving a critical size, including greater diversity, makes Memorial a better place to study and do research. The AAU report shows that our enrolment goals – as outlined in Memorial's Strategic Plan – are challenging but realistic. When we compare ourselves to other institutions in the region, the AAU report shows we are competitive and successful."

Memorial's overall increase in enrolment — 2.7 per cent — was higher than the total growth for the Atlantic and Maritime regions. In addition, Memorial's growth rate was higher than six other universities in the region and was higher than the overall average growth rate experienced by Nova Scotia and New Brunswick.

Memorial University was ahead of most of its peer institutions when it came to graduate student enrolment growth.

"It takes a team to make this kind of growth happen, and includes other divisions at the university," said Dr. Noreen Golfman, Memorial's dean of Graduate Studies. "The work of the Division of Marketing and Communications, the Department of Computing and Communications, Distance Education and Learning Technologies and the Office of Student Recruitment all helped us attain the tremendous enrolment growth we experienced this past year. As I look to the future, I see that there is an increasing interest in online learners in graduate programs, and that that trend challenges us to think of delivering our programs differently to increase capacity—without sacrificing quality."

The AAU figures show that enrolments have increased in all key categories at Atlantic Canada's universities.

The report indicates the region's universities experienced a 1.5 per cent (year-over-year) increase in undergraduate enrolment, bringing an end to a four-year decline in this critical category. In addition, universities experienced continuing year-over-year increases in graduate students (+5.4 per cent), a remarkable increase in international

students (+16.5 per cent) and an incremental increase in first-year students (+0.4 per cent).

Dr. Colin Dodds, president, Saint Mary's University, Halifax, N.S., and chair, AAU, said the enrolment increases reflect three critical factors.

"Our universities are working harder than ever in marketing themselves regionally, nationally and internationally. These positive enrolment results indicate the reputation of our universities for high quality programs and unique student experience is growing across Canada and worldwide."

He also noted that, "students and their families recognize that the high-paying jobs of the rapidly emerging knowledge economy require, at a minimum, a bachelor's degree and many more of those jobs will, more than ever before, require a post-graduate degree."

Because of challenging regional demographic trends, Dr. Dodds also said that, "our universities must continue to work hard at being nationally and internationally competitive, by doing so we ensure a prosperous economic future for Atlantic Canada and its communities."

The full report is available at the AAU web site located at www.atlanticuniversities.ca.

The Association of Atlantic Universities (AAU) represents the interests of universities across the region, ensuring public visibility for the important role they play in preparing future leaders of our communities, in path-breaking research and innovation, and in contributing to the economic prosperity of life in Atlantic Canada.

cont'd from *LEADERS* on page 3

Dr. Poduska is a physicist who has established an advanced materials laboratory and embarked on an ambitious program to develop, characterize and understand novel coatings produced by using electrochemical techniques. She is interested in the coatings and the promise they have for improving bone healing associated with medical implants.

"Both Ralf and Kris are doing leading-edge work in their respective fields that is already having an impact in our communities," said Dr. Ray Gosine, vice-president (research) *pro tempore*.

"They are worthy recipients of this award.

I congratulate them and extend sincere appreciation to the award funders. I also commend Suncor Energy and the owners of the Terra Nova development for the creation of this new award for research excellence at Memorial. It will go a long way in attracting emerging high-calibre researchers at our university."

Suncor Energy Inc. is Canada's premier integrated energy company. Suncor's operations include oil sands development and upgrading, conventional and offshore oil and gas production, petroleum refining, and product marketing.

Women's Sea-Hawks underdogs in championship

By John Harvey

THE MEMORIAL University Sea-Hawks will play host to the 2009 Subway Atlantic University Sport (AUS) Women's Soccer Championship in Mount Pearl Nov. 6-8.

The top university women's soccer players will compete in the tournament for the Atlantic conference championship and one of two bids to the Canadian Interuniversity Sport championship taking place Nov. 12-15 in Toronto.

The tournament will be a single elimination tournament consisting of the top six teams in the AUS. The quarterfinal round will take place on Friday with game times at 4 p.m. and 6:15 p.m.

The Sea-Hawks will be playing in the second match on Friday night under the lights in Mount Pearl. In order to make it to the semi-finals they will have to beat their opponent in this game.

"We are hoping we will have a loud and energetic home crowd to give us a lift on Friday night," said head coach Walt Mavin. "We have the talent to beat anyone and are looking forward to getting on the field. We have never had an opportunity to play for the championship on home soil."

The top two seeded teams will get a bye to the semi-final round held on Saturday at 1 p.m. and 3:15 p.m. The two winning teams on Saturday will play in the final starting at noon on Sunday.

"The community has rallied around the Sea-Hawks in the past when we have hosted major championships," said Michelle Healey, director of athletics. "In 2003, we hosted the AUS women's basketball championship, and in 2007 we hosted the CIS national women's basketball championship. Both of these events were tremendously successful. We are hopeful that we will have a similar level of support in this championship and that it will result in success on the field."

Memorial comes into the tournament looking to become the first women's soccer team in school history to claim an AUS championship. They will be an underdog heading in to the tournament and will look to the home crowd to give



PHOTO BY MARDON ERBLAND

The women's Sea-Hawks soccer team will host the 2009 Subway Atlantic University Sport Championship in Mount Pearl Nov. 6-8.

them an edge over the competition. The team, favoured by many to compete for the top spot in the conference, struggled early in the season. In recent weeks the team has surged, showing glimpses of the form that saw them finish the 2008 season with a 9-2-2 record. The final rankings will be available after the regular season concludes Nov. 1.

The Sea-Hawks will be led by All-Canadians Laura Breen and Malorie Harris. Harris has a team-leading five goals this season while Breen, the 2008 AUS most valuable player, is second on the team with four goals.

The tournament will kick off with the 2009 AUS awards dinner at 6:30 p.m. Thursday night at the Holiday Inn in

St. John's. The major conference awards and all-stars will be recognized at this event.

Tournament passes are available through the Information Centre in the front lobby of the Physical Education Building at Memorial or at the gate on the day of the game. Tournament passes are \$25 for adults, \$20 for students and seniors (aged sixty-five or older) and \$12 for children under twelve years of age. Day passes are \$10 for adults, \$8 for students and seniors (aged sixty-five or older) and \$5 for children under twelve years of age.

Visit www.goseahawks.ca/ or call the Sportsline at 73-SPORT for more information.

Dr. Nigel Rusted Lectureship in Medical Humanities 2009



Wonders of Nature and Miracles of Medicine: Picturing Medical Progress in the 20th Century



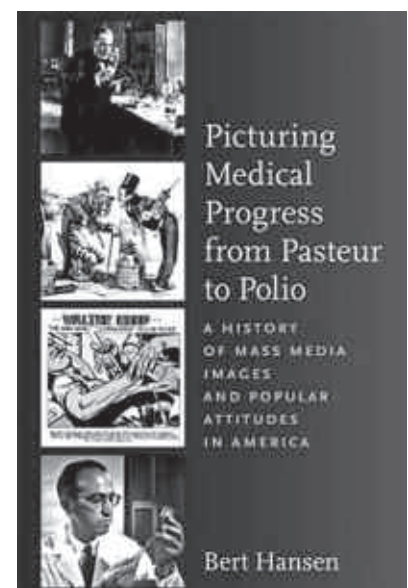
SPEAKER: Bert Hansen, PhD

Bert Hansen, Professor of History at Baruch College of The City University of New York, teaches courses on American civilization and on the history of science and medicine. He holds a bachelor's degree in chemistry from Columbia University and a PhD in history of science from Princeton University. His scholarly writings explore the uses and transformations of science and medicine both within the professions and in the wider public culture.

Trained as a medievalist, Dr. Hansen examined the relations between natural sciences and magic from the thirteenth to the seventeenth century, but he later redirected his focus to study medicine and culture during the nineteenth and twentieth centuries. His research has been published widely in numerous book chapters and in scholarly journals such as the *American Journal of Public Health*, *Bulletin of the History of Medicine*, and the *American Historical Review*; topics of this research include the history of childbirth, physicians' 'discovery' of homosexuality, medical education, and popular images of research breakthroughs. Dr. Hansen recently published *Picturing Medical Progress from Pasteur to Polio: A History of Mass Media Images and Popular Attitudes in America* (Rutgers University Press, 2009).

Main Auditorium, Health Sciences Centre
Memorial University of Newfoundland, St. John's

Friday, November 13 2009, Noon-1pm



Kathy Hodgkinson Working with families to understand genetic disease

By Sharon Gray

Earning a PhD is no small feat, but for Kathy Hodgkinson the degree is not as important as the clinical work she has done over the last 15 years on a severe genetic disease.

“The degree is all about the impact my research has had on families who carry the gene for the rare but deadly arrhythmogenic right ventricular cardiomyopathy (ARVC), which causes sudden cardiac death,” she explained.

Kathy’s doctoral thesis is on the clinical and genetic epidemiology of ARVC in Newfoundland. Unlike research that takes place in a laboratory, her work involves talking to families, developing family pedigrees and collecting medical information that will help to understand how the disease works.

“This piece of work was far more than just a thesis,” she said. “Genetic research of this type becomes almost a crusade, revealing as it does the inequalities inherent in a health care system struggling to provide care in rural de-populated areas, and defines a desire to help individuals reluctant sometimes to face the burden of inheritance.”

In 1995, Kathy began working as a genetic counsellor in collaboration with researchers at Memorial University. Some families had been referred for “cardiomyopathy,” a catch-all phrase that didn’t offer a specific diagnosis.

She began to define the population of people with the disease. Building on this work, laboratory research by Dr. Terry-Lynn Young was eventually able to identify the gene responsible for ARVC in Newfoundland in 2008.



PHOTO BY HSIMS

For the families involved, that discovery now means that a blood test can tell who does, or doesn’t, carry the ARVC gene.

“I have loved working with this population, particularly because I have met the most admirable, wonderful people,” said Kathy. “Clinical research of this nature is so very important because the research results may alter the way the disease is treated, diagnosed or managed.”

Kathy has cried with families when the diagnosis is bad, and laughed in relief with them when the news is good. Never one to rest on her laurels, she continues the ARVC research and is also involved in genetic research on hearing loss and Tourette Syndrome. She also collaborates on research into genetic knowledge and moral responsibility.

Before moving to St. John’s, Kathy earned a M.Sc. in genetic counselling at McGill University and a B.Sc. in genetics and cell biology from Manchester University, England.

Albert Johnson Outstanding graduate student heading to fall convocation

By Courtenay Griffin

An outstanding graduate student and employee of Memorial crossed the stage this year at the fall 2009 convocation ceremonies.

Albert Johnson, a senior instructional designer with Distance Education and Learning Technologies (DELT) since September 1999, has led over 100 projects in addition to holding the role of sessional instructor in the university’s Faculty of Education.

When it comes to research, Albert’s areas of interest include the educational potential of information and communications technologies, the professional development of in-service teachers, the teaching of pre-service teachers, professionalism and ethics in teaching, and effective teaching. He will be graduating this fall with his master’s of education (information technology).

Albert is renowned for his award-winning work, receiving a national award in 2007 from the Canadian Network for Innovation in Education (CNIE). The award, which was shared with the Department of Psychology’s Dr. Brent Snook, was given based on their innovative and effective use of video as a teaching tool in Psychology 2150: Introduction to Forensic Psychology.

Additionally, he has collaborated on a research project that was recently profiled in Memorial’s 2008 president’s report. His thesis research – done in partnership with Drs. Jerome Delaney, Trudi Johnson and Dennis Treslan from the Faculty of Education – aims to determine students’ perceptions of effective teaching at the post-secondary level, and will subsequently be used to enhance teaching and learning at Memorial University.



Albert has been an educator for 29 years, starting his career in 1980 as a high school teacher. In 1992 he began work in publishing, starting his own company a year later. Dale Noel Publications specialized in the development of curriculum and resource materials for the Kindergarten to Grade 12 school system in Newfoundland and Labrador. His company also published a professional journal for educators, *Prospects*, that highlighted the integration of technology into teaching and learning in the K-12 and post-secondary sectors.

Randy Drover Poetic achievement

By Janet Harron

As the poet Robert Graves said, “There’s no money in poetry, but then there’s no poetry in money either.” However the example of Randy Drover, who graduated last month with an English degree and diplomas in both professional and creative writing, might be an exception to that rule.

In the past year since taking up the art of poetry, Randy (originally from Upper Island Cove) has won the Jeroboam Prize for Poetry, received second prize in the Gregory J. Power Poetry Competition, placed first in the CBC Provincial Poetry Face-off, and in his largest coup, won the CBC’s National Poetry Face-Off in May 2009.

For the last two accomplishments, he received well over \$1,000 in prize money

and prevailed over several established poets, including (in the case of the National Poetry Face-Off) Robert Currie, the current poet laureate of Saskatchewan.

“Larry Mathews told me he could squeeze me into the Creative Writing Diploma program but that I would have to take two poetry classes as well (English 3901 and 4911). At that point to me, poetry was ‘old’ poetry but as I eased my way into it I started to like it and then began writing,” said Randy. “Once I realized I could write poetry in my own way, I kind of found my voice.”

Randy is quick to acknowledge the support of poet and professor Mary Dalton. “Mary was just incredibly supportive to everyone. She knew I was interested in writing as a career and took every opportu-

nity to explain what was out there and where I should submit my work and what publications to avoid.”

Currently Randy is working as managing editor for Paragon Press, which was started in 2007 to address the lack of publications for creative writing students. With co-editor Lynette Adams, he holds beginners creative writing workshops. “We find students are more comfortable with peers when starting out – we’ve already had enough interest to fill one night and are prepared to schedule another workshop if the demand is there.”

Randy has also applied to the Newfoundland and Labrador Arts Council for funding to write a collection of short fiction and poetry and says confidently that for his future, “writing is a plan.”



Randy Drover, who graduated with a degree in English and two diplomas, is receiving national acclaim for his poetry.

Friday, Oct. 23, 10 a.m.

Oration honouring Elizabeth Helen Blackburn

Courage comes in many forms. We commonly understand it as physical – as the bravery of men in battle resisting other men, or as men struggling with nature and the elements. But there are gentler, less bloodied ways of displaying one’s valour. One can display an intellectual courage in having the daring to step into realms where others have not ventured—the risks are not physical but they may well prove hazardous to one’s reputation and to one’s career. Dr. Elizabeth Blackburn’s career has been built on such risks. She moved from her own area of basic research to clinical research because it opened up questions she thought worth pursuing. In doing so she moved from an area where she was completely comfortable to one with which in the past she had some reservations. But again a qualification is necessary because her risks are taken after intense research and considerable work. And this research is allied to a remarkable mind which, as her colleagues all report, allows her to look at an experiment and see it in the context of all that has gone before, to assess the possibilities and to make a sound judgement on how to proceed. She, because of a curiosity about its function, has thus moved from looking at a minute aspect of DNA, the telomere, to showing us how its properties affect our susceptibility to ageing; and to looking at telomerase, whose properties have a role in the development of cancer.

The other form of courage she has demonstrated is a moral courage. When, very soon after 9/11, she was asked to serve on President Bush’s Council on Bioethics she, despite being very busy, took on the task because she felt an obligation to her adopted country and to science. The unspoken role of the council was to prevent embryonic stem cell research but Elizabeth Blackburn felt she and her fellow scientists could bring a reasoned perspective to the deliberations. She soon discov-

ered that her views were not being represented properly in the council’s reports and that evidence was being distorted. Yet she held her ground and attempted to present the scientific facts to the council and to the public. In 2004 her appointment was not renewed and none of the persons in those who replaced her were scientists – all represented the Bush viewpoint on the issue. So she spoke up, spoke out. In the climate of the time in which academics were being monitored by right-wing agencies for their political views, this could have been very dangerous. However, her position was broadly supported by scientists and the media. The Union of Concerned Scientists, who had previously taken a stand against the Bush administration for treating science as a tool of politics, reissued their statement citing Blackburn’s dismissal as evidence, and the number of signatories rose from sixty to four thousand. And she was obliged to become a media figure.

This is all encapsulated in a person who, for all her distinctions, is really quite self-effacing. Having chosen science (which we all know is a man’s world) as a career, she adopted a cryptic coloration that allowed her to work “genderlessly” in this world. While running her department at the University of California at San Francisco she, unlike male administrators, took what was often the worst office but ensured that her colleagues – male and female alike – were provided with good accommodation. She is seen by all who have worked with her as not just a team player (the masculinity of that term is noted) but, more importantly, as a team builder. She has become the model mentor, guiding her graduate students through their own programs, fostering their research, supporting their career development. And it is very significant that Carol Greider, who shares the Nobel with Blackburn, was Blackburn’s student as are so many women who



have achieved distinction in the immensely important field of cell biology. Never one to serve herself, always concerned to serve science and the wider community on which it depends, she has been at the forefront of efforts to provide open access to scientific research which, too often, is shuttered behind the covers of very costly journals. But, Chancellor, before we settle on giving this degree you should know that her awards are so numerous, that she has enough medals to embarrass even a general and that they are not respectfully mounted on the wall but kept quietly in a closet.

This modest maid from Melbourne who is a Fellow of the Royal Society and holds the Lasker and Franklin awards, now brings to us and to our Convocation the great lustre of her Nobel Prize in Medicine. Chancellor, I present to you for another closetable award, for the degree of Doctor of Science (honoris causa), a scientist without peer who combines imagination with persistence, integrity with courage, brilliance with modesty, ELIZABETH HELEN BLACKBURN.

Shane O’Dea
Public orator

FOR ADDRESSES TO CONVOCATION, PLEASE SEE WWW.MUN.CA/GAZETTE

Friday, Oct. 23, 7 p.m.

Oration honouring Michael Terry Harris

Newfoundland, the Rock, is a strange place. Its history has been a history of fishing, mining, logging, cucumbers, and oil; but the fish have swum into other nations’ nets, the mines are now minor, the loggers have logged off, our one cucumber was the single most expensive vegetable in the universe, and only the oil – the oil which, as the Good Book tells us, maketh man a cheerful countenance – happily remains. Yet for all its oddities, not least the weather, people are always eager to come here: St. Brendan the Navigator, the Vikings, John Cabot, Gaspar Corte-Real, the ancestors of our present Lieutenant Governor (the man who stands before you can tell you all about them), Queen Elizabeth II, the Prince of Wales, and, of course, Muammar Gaddafi, whom everyone thought was coming to be interviewed for the presidency of the university. That he did not arrive is a pity. We might have been the only university in Canada to have a president living in a tent.

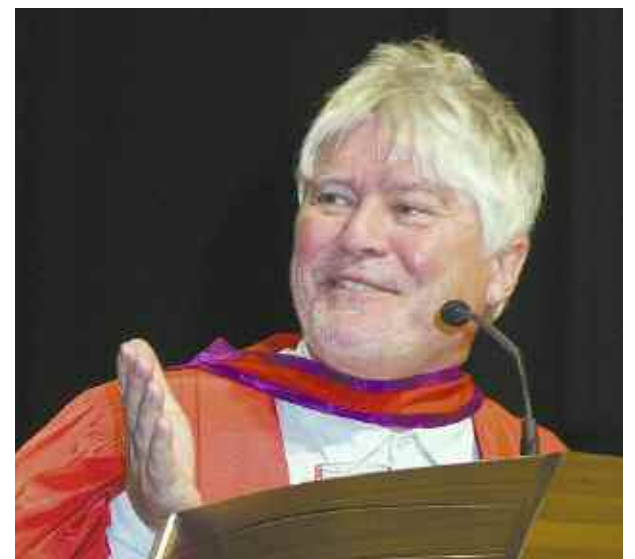
The problem with rocks, however, is that if you lift them up you can never be quite sure what you will find underneath, and Michael Terry Harris, whom you see here before you, has been a rock-lifter extraordinaire. He lifted one rock, and out came the iniquities in the case of Donald Marshall. He lifted another, and uncovered the sordid story of Mount Cashel – a story, alas, which seems to have no ending. He lifted a third, and there, warmly nestled amid an uncounted number of our very own tax dollars, were the cucumbers of Mount Pearl. And he lifted yet a fourth, and out crept the unpleasant truth about Canada’s prisons.

These murky revelations were not always received with unmitigated delight by those in authority. The Government of Newfoundland and Labrador has not always been amused when the seamier side of its administration has been uncovered. When Michael Harris examined the curious discrep-

ancy between the costs and the returns of the Sprung Greenhouse project in the pages of *The Sunday Express*, the government withdrew its advertising, and the paper, eventually, was forced to close in 1990. Nor was the Department of Fisheries and Oceans overjoyed when Michael Harris uncovered the truth behind the catastrophe of the cod stocks. Nor was the Roman Catholic church entirely happy with the revelations about Mount Cashel. But Michael Harris continued his work unafraid, and continues it still both in print and in the call-in show, *Michael Harris Live*, which you can hear from one to three p.m., Monday to Thursday, on CFRA. You’ll also get to hear some great recipes.

So what is the history of this red-robed whistle-blower who stands before you? I shall tell you. He was born in Newfoundland, graduated from York University in Toronto, and was a Woodrow Wilson Scholar at University College, Dublin, in Ireland. He was the publisher of *The Sunday Express* (whose uncompromising investigative journalism had a profound impact on local politics), he was Executive Director of News and Current Affairs for the Newfoundland Broadcasting Corporation, he was a Queen’s Park correspondent for *The National Post*, and is a columnist for the *Ottawa Sun*. He divides his time now between Ottawa and Lunenburg, Nova Scotia, and, apart from his other responsibilities, currently holds the visiting Irving Chair in Journalism at St. Thomas University in New Brunswick.

His writing has, of course, already been recognised internationally. His books have received various awards – two of them were named Book of the Year—and his work has sparked four royal commissions of inquiry in Canada and has led to two documentaries. He has also won the Radio and TV News Director’s Award and the Center for Investigative Journalism Award. His most recent book, however, is very



different from the others I have mentioned. It concerns a little girl called Emily, it tells of the animals she talks to, and it involves magic and stardust and trees. It is called *A Forest for Christmas*, and the question at the heart of the story is whether the owner of a new factory (who wants to chop down all the trees) will be able to do so, or whether little Emily will be able to save the Friendly Forest just in time for Christmas. You will have to read the book to see what happens, but one of the things that comes out so clearly in this lovely story is Emily’s great courage. I can say the same for Michael Harris. His own courage in revealing what many would have preferred remain hidden, his penetration into some of the darkest corners of political, legal, and religious life, and his continuing dedication to the light of truth, all alike do him the greatest credit and can only arouse our admiration. It is therefore my pleasure and privilege, Mr. Chancellor, to present to you for the degree of doctor of laws honoris causa, this author, journalist, radio personality, and lifter of many rocks, Michael Terry Harris.

Dr. David Bell
University orator

Unlocking mining mysteries

By Kelly Foss

RESEARCHERS FROM the faculties of Science and Engineering are teaming up to collect and study new information in support of the mining industry in Newfoundland and Labrador.

Drs. Chuck Hurich, Colin Farquharson and Jeremy Hall, Department of Earth Sciences, and Steve Butt, Engineering, have been successful in obtaining a \$400,000 Natural Sciences and Engineering Research Council (NSERC) Collaborative Research and Development (CRD) grant and using it to leverage additional funds from Atlantic Canada Opportunity Agency (ACOA) and Vale Inco. The funding, now totalling over \$1 million over three years, is in support of a larger institutional grant which allowed the university to build the Inco Innovation Centre.

"A portion of that original project had a geophysical component," said Dr. Hurich. "Ultimately, what we're trying to do is apply geophysics to mining related problems. The idea is to try to bring a higher level of geophysical technology to the mining industry."

Dr. Hurich explains that in terms of exploration, most of the major exploitable findings have been found at less than 500 meters depth.

"We're looking for approaches to sense below 500 meters," he said. "It's most attractive to the companies that already have infrastructure in place and are trying to extend their reach because drilling is very expensive."

Already the team has installed a passive seismic array at Voisey's Bay. It listens for local micro earthquakes that are used to identify active fracture systems and potentially to map stress distributions in the subsurface in preparation for a mine design.

"When they design an underground mine, assuming they do decide to go underground, they have to know something about the size of the stress, the orientation of the stress, what's active, what isn't active – that kind of thing," said Dr. Hurich. "So this is a new way to get that information."

A second component to the project uses information from multiple data sets, such as gravity field, magnetic field and seismic data, to create a subsurface model. In addition, the team is combining to create mining specific approaches to seismology technology usually used for oil and gas exploration.

"The original grant allowed us to build the infrastructure, in the Inco Innovation Centre," said Dr. Hurich. "We now have labs in that building and people in place and we've been developing equipment that allows us to do the research. We're to the point now where we're moving forward on more scientific aspects of the project and that's the three upcoming years the new grant is supporting."

The field work necessary to compile information for the project will take place next year at Voisey's Bay.

Archaeology and Anthropology departments officially separate

By Janet Harron

THE FACULTY of Arts has gained another department without actually adding a new one.

Confused? Don't be. Earlier this year, the Archaeology and Anthropology department officially separated, following an overall trend in North American universities.

The separation stems from intellectual reasons and the natural growth of two units which have distinct academic and social cultures. Infrastructure needs were also considered by the university Senate which made the decision official this past March.

The process, which has taken several years to complete, was set in motion in 2006 by an academic program review panel. The panel, consisting of Professor Karen Butler, Department of Geography, Dr. Roy Carlson, Simon Fraser University, Dr. Peter Sinclair, Sociology, and Lawrence Taylor, National University of Ireland, worked intensively, meeting with staff, faculty and students and touring the department's facilities before submitting their report to the then Dean of Arts Dr. Reeta Tremblay, now vice-president (academic) *pro tempore*. The review panel unanimously recommended the development of separate departments.

The report was then circulated to faculty and staff in the relevant program area and a complete review of the undergraduate curriculum was undertaken.

"This move is part of an intellectual evolution that is occurring throughout North America," said Dr. Tremblay. "The tradition here (in North America) has been for anthropology to focus on the study of non-western and non-literate peoples and cultures. The advent of historical archaeology and the accumulated knowledge in sub-disciplines of anthropology (i.e. linguistics) has resulted in a very slender thread of common intellectual pursuits to bind the two sections."

Dr. Tremblay goes on to point out that at Memorial,

much of the work of the archaeology department centres on the province of Newfoundland and Labrador itself, whereas the focus of the anthropology department is on global issues of power, inequality and conflict.

Dr. Peter Pope, who previously was the head of the combined department, remains head of the archaeology department.

"This move is part of an intellectual evolution that is occurring throughout North America."

"The development of an independent department, with the recent appointment of three very promising young scholars (Dr. Mario Blaser, Dr. Vaughan Grimes and Dr. Oscar Moro) makes Memorial one of North America's key centres for archaeological training," said Dr. Pope.

Dr. Mark Tate has been named head of the anthropology department.

"Anthropology has a long and well-established history at Memorial University. Interdisciplinary connections in the areas of undergraduate and graduate teaching as well as research and publications have been integral to that history and will remain so in the future," said Dr. Tate.

"Currently, anthropologists have ongoing collaborations with their colleagues in a range of disciplines including Sociology, Women's Studies, History and Folklore. Students at all levels, but especially our growing graduate student complement, can only benefit from the cross-fertilization of ideas between the disciplines."

Individual websites for each department have now been launched within the Faculty of Arts website (see www.mun.ca/anthro/ and www.mun.ca/archaeology/about/) and the current academic calendar reflects these department changes.

New head for Chemistry

By Kelly Foss

DR. PETER PICKUP is the new head of the Department of Chemistry. A University Research Professor and former deputy head of graduate studies and research, Dr. Pickup joined Memorial University in 1986.

Specializing in an area of research which involves the synthesis and development of new materials for use in electrochemical applications, Dr. Pickup has received support from fuel cell companies and funding from the Natural Sciences and Engineering Research Council (NSERC) to develop new materials for use in commercial fuel cells and other forms of electrocatalysis.

"One of my new interests is in the electrochemical reduction of carbon dioxide," he said. "It would allow you to capture carbon dioxide and use a renewable source of energy such as photochemistry or hydro (electricity) to turn it into a fuel such as methanol or formic acid. I'm particularly interested in formic acid because I collaborate with a company that is developing formic acid fuel cells."

The new head says the department is still contemplating its objectives for the next three years of his term.

"We're currently undergoing academic program review, so future directions are still being discussed by the department," he explained. "However, I think that sustainable development is certainly an area of focus which is of interest not only to myself, but to the department as a whole. That includes fuel cell research, photochemistry, green chemistry, environmental chemistry and renewable resources. We have good people working in those areas and we also have a strong department in terms of materials chemistry and computational chemistry."

Dr. Pickup notes the department's enrolment figures are strong, with approximately 20 faculty members responsible



Dr. Peter Pickup

for over 80 graduate students.

"We have a very big graduate program," he said. "It has doubled in size in the last five years and we are getting close to capacity in terms of our ability to host new graduate students doing laboratory research. Our undergraduate program is also growing. It's a very healthy size when compared to other chemistry departments in Canada."

It may not have been his initial plan to offer himself up for consideration as the new head, but Dr. Pickup believes that he was well prepared for the position.

"From my experience as deputy head, I was pretty familiar with what was going on in the department," said Dr. Pickup. "Dr. Bob Davis, the previous head, was really good in terms of consulting me regarding many issues in the department."

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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.

- CIHR HIV/AIDS Catalyst Grant (Community-Based Research)
- CIHR HIV/AIDS Operating Grant (Community-Based Research)
- CIHR Institute of Infection & Immunity – Emerging Team Grant: Canadian Microbiome Initiative
- CIHR Training Grant
- CIHR, SSHRC & NSERC's Summer Program in Japan & Taiwan
- Canadian Diabetes Association 2010 Grants & Awards Competition
- Canadian Hemophilia Society (CHS) – Call for Applications
- Fulbright Awards for Research and Graduate Study in the U.S.
- Heart & Stroke Foundation (HSF) – Jump Start Resuscitation

IMMINENT DEADLINES

Dec. 1

Alzheimer's Association – research grants program (letter of intent)

CNIB - CNIB Baker fellowship fund; CNIB Baker new researcher fund; CNIB Baker applied research fund; Barbara Tuck/MacPhee Family Vision Research Award. Canada Council for the Arts-Molson prizes; John G. Diefenbaker award.

Cystic Fibrosis Foundation (US) – clinical research awards (letter of intent).

Deafness Research Foundation – research grants (Letter of Intent – second year application).

Imperial Oil Limited – University Research Awards. Manning Awards Foundation – Manning innovation awards.

National Kidney Foundation (US) – young investigator grant; clinical scientist award; research fellowship award.

National Cancer Institute of Canada – student travel award.

Royal Society of Canada – McNeil medal for the public awareness of science.

Wenner-Gren Foundation for Anthropological Research Inc. – conference and workshop grants; international collaborative research grants.

Dec. 15

Baillie Fund – regular grants program.

Health research in the Faculty of Arts

By Janet Harron

DUE TO RECENT changes at the Social Sciences and Humanities Research Council of Canada (SSHRC), many researchers in the social sciences and humanities who focus on health-related research now must direct proposals to the Canadian Institutes of Health Research (CIHR). CIHR provides funding opportunities for themes of health research that concern social, cultural, environmental and population health.

In order to explore funding opportunities at the Canadian Institutes of Health Research (CIHR) and the Newfoundland and Labrador Centre for Applied Health Research (NLCAHR), organizers from NLCAHR, the Division of Community Health and Humanities (Faculty of Medicine) and the Faculty of Arts are holding a workshop on Nov. 9 for researchers at Memorial.

“Any arts faculty whose research concerns health in any way would benefit tremendously from attending this workshop,” said Dr. Lisa Rankin, acting associate dean of research and graduate programs. “We’re very lucky to have several successful CIHR award winners presenting at this session.”

Anthropologist Jill Allison describes herself as someone whose MA and PhD focused on medical research. In 2003-04 she was awarded \$19,000 a year for three years from SSHRC for a project that looked at the political, moral and medical constructions of infertility and assisted conception in Ireland. This is the sort of project that, due to recent changes at SSHRC, would now be funded by CIHR.

Dr. Allison explains that in Ireland the emphasis on family has a broad social dimension, and that includes the role of motherhood and children.

“I was interested in how people work through a series of complex decision-making issues around infertility, issues which include financial, ethical, physiological and logistical considerations,” she says. “Ultimately it was a lot more complicated than I had originally thought.”

In terms of IVF and embryo freezing, Dr. Allison found that most people’s stories revolved around social stress and emotional difficulties and states that for many women questions of identity are still caught up with an idealized view of motherhood.

“Easily and widely accessible birth control is a relatively new concept in Ireland. And this new notion of choice puts reproduction firmly into the ‘individual decision making camp.’ There is therefore a widespread assumption that childlessness is by choice rather than being an issue of infertility.”

In Ireland the right to life of the unborn is written into the Constitution (abortion continues to be illegal), although courts have not yet determined whether frozen embryos exist as unborn entities. In addition, in Ireland, unlike Canada or the UK for example, there is no regulatory body or legislation to cover IVF or assisted reproduction.

“Until I did this research I might have been a bit of a doubting Thomas – I wanted to find a way to increase empathy and it [doing the research] opened my eyes in many ways. These things are about embodiment and living in the body. When people question funding treatment for infertility based on the challenge that it is not a life-threatening condition, I ask what would you say to a blind person who could have surgery to restore their sight,” argues Dr. Allison.



Anthropologist Jill Allison’s work focuses on medical research.

Dr. Allison recently submitted a proposal to CIHR for a project surrounding the social and political meanings of a medical genetic diagnosis in this province. She plans to look at how being predisposed to a genetic disease shapes what it means to be a Newfoundlander and how it impacts on one’s sense of self and sense of belonging to a community.

“I am proposing to look at a number of communities in Newfoundland and Labrador – for example Bonavista has had a high incidence of a type of cardiomyopathy called ARVC (Arrhythmogenic Right Ventricular Cardiomyopathy) and there are considerably high incidences of stomach and colon cancers in the St. John’s and Bell Island areas, as well as other areas throughout the province,” she said.

She is thankful for guidance on this proposed project from the members of the GE3LS (Genomics, Ethics, Environment, Economic, Legal and Social Issues) team who work with the Atlantic Medical Genetics and Genomics Initiative (www.med.mun.ca/amggi/default.htm). She said that it is quite unique to find a genetic research project such as AMGGI that has incorporated the social, environmental and ethical aspects of disease diagnosis from its very beginning.

“I hope to provide information that will be useful to them and helpful to the communities in question and ultimately to provide assistance to those who have certain needs and expectations for testing and available recourse in the wake of diagnosis,” concluded Dr. Allison.

In a press release from CIHR regarding the changes, Dr. Pierre Chartrand, vice-president, Research Portfolio, commented, “The CIHR Act explicitly provides CIHR with the mandate to invest in research covering a broad range of health determinants – social sciences and humanities are very much a part of this landscape and certainly are already well represented in the CIHR research community ... As stated by SSHRC, the agency will reduce the amount of funding it provides for health-related research that is eligible under the mandate of the CIHR.

“We are working closely with our partners at SSHRC to ensure a co-ordinated approach during this transition period. We are working together to establish guidelines for determining whether applications are suitable for SSHRC or CIHR. We are committed to a healthy and robust research community in Canada and welcome applications from all researchers committed to improved health.”



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Lead on!

By Jackey Locke

ON SATURDAY, Sept. 26, more than 60 engineering students came together to experience the Student Leadership and Innovation Fund in Engineering (LIFE) Forum at the Delta Hotel in St. John's. Despite the early start to the day, the excitement and enthusiasm of the students was apparent. David Sharpe, Engineering Student Society B's president, was pleased with the level of enthusiasm shown by the participants.

"I hope this event continues to inspire students by opening their eyes to their personal potential and encouraging them to maximize their abilities," he said.

The day began with words of welcome from Dr. Steve Bruneau on behalf of his parents Drs. Angus and Jean Bruneau, founders of the Angus Bruneau Student Leadership and Innovation Fund in Engineering. A longtime supporter of the faculty, Dr. Angus Bruneau's relationship with Memorial University began in 1968 when he established the Faculty of Engineering and Applied Science and served as its first dean. Dr. Bruneau also led the development of the co-operative engineering program, an innovation offered at only one other Canadian university at the time. Despite not being able to attend the forum, Dr. Steve Bruneau told students that his parents wished them great success.



Engineering students came together to experience the Student Leadership and Innovation Fund in Engineering (LIFE) Forum in St. John's at the Delta Hotel, Sept. 26.

The morning took a physical turn as Tom Brophy, director of Student Success Programs, got students out of their seats and interacting with each other and faculty members through P.U.M.P, Atlantic Canada's largest group mixer activity. The forum's keynote speaker, Earl Ludlow, president and CEO of Newfoundland Power Inc., inspired students by discussing the challenges and successes he has experienced in his professional career. Brendan Brothers, a co-founder of local company Verafin, gave the company address and encouraged students to "think big" by talking about his company's journey from a concept being tossed here around by friends to becoming the North American leader

in fraud-detection software. Throughout the day, students took part in a number of break-out sessions that focused on the role of leadership and innovation in international development, entrepreneurship and sustainability.

The Angus Bruneau Student LIFE program encourages and supports student leadership and innovation in engineering education, research and community service. The program provides funding for student-led initiatives that significantly enhance the experience of students in the Faculty of Engineering and Applied Science at Memorial University, and supports initiatives that would not normally be funded through the faculty's operating budget.

From GATEWAY on page 3

stand what investors and joint venture partners look for in prospective firms. Gateway works with the client to develop a growth and investment strategy to ensure they are positioned for success in attracting investment and provides specialized professional services to assist in a range of areas.

The deal development program builds on the strong relationship that the Atlantic Canada Venture Gateway, through Memorial University, has built with the Higher Colleges of Technology's Dubai Men's College. This relationship opens the door to a network of experts and potential investors for Gateway clients that would otherwise be unavailable.

Dr. Christopher W. Loomis, president and vice-chancellor *pro tempore* of Memorial University, said the Atlantic Canada Venture Gateway is a unique program with the potential to open many doors for high growth companies in the region.

"Memorial University has established a strong relationship with the Higher Colleges of Technology in the UAE – a highly respected institution and investment partner in high growth companies. We are also blessed with a worldwide network of successful alumni who are interested in contributing back to the economic development of our region," he said. "Memorial University is proud and pleased to be leading this effort to grow high-technology companies throughout Atlantic Canada, many of which have their roots in the world-class research conducted by our region's universities."

The federal investment of \$1.7 million was announced by Peter MacKay, minister of National Defence, minister of



From left: Daryl Genge, Minister Shawn Skinner, Dr. Dale Foster, Minister Peter MacKay, Dr. Christopher Loomis and Senator Fabian Manning in the RBC Atrium for a major funding announcement for the Atlantic Canada Venture Gateway.

the Atlantic Gateway, and minister responsible for Newfoundland and Labrador, while the provincial contribution of \$250,000 was announced by Shawn Skinner,

minister of Innovation, Trade and Rural Development (INTRD). Dr. Loomis said the university is contributing \$147,000 towards the initiative.

Memorial celebrates 40 years of distance education

By Courtenay Griffin

DISTANCE EDUCATION and Learning Technologies (DELT) launched its 40th anniversary celebrations recently, recognizing four decades of distance education service to the province. Outside of the G.A. Hickman building on the St. John's campus, a group of volunteers dressed in graduation caps and gowns, waved to morning traffic with banners and balloons to commemorate the milestone.

The display was organized to raise awareness of the unit's four decades of service and to pay tribute to Memorial's distance education students. There are currently over 500 exam locations in Newfoundland and Labrador alone, in addition to the numerous others throughout Canada and around the world.

"After 40 years, the unit which is now known as DELT has evolved to achieve its place in the institution, thanks to Memorial's continuous commitment and mandate to serve all citizens of the province," said Ann Marie Vaughan, director of DELT. "The goal of these celebration efforts is to acknowledge Memorial's leadership in distance education innovation and the connections we've established both with Memorial's faculties and schools, as well as the rural regions of the province."

Starting in the fall of 1969, the unit began to push the boundaries of technology to increase access and enhance the delivery of post-secondary education. Psychology 341 was launched as the first distance education course using videotape recorders, television receivers, mobile carts and long-distance phone service.

Four decades later, DELT will celebrate Memorial's anniversary throughout the year through various marketing and communications efforts. The campaign aims to build awareness of the institution's history, as well as the unique position DELT has in providing an online education supported by the credibility of a residential university.

Since the beginning with three off-campus courses televised to 13 communities in the province, Memorial currently offers some 400 courses in numerous degree programs to over 17,000 distance education registrants annually. "Memorial has become recognized as a national leader of innovation in education," said Ms. Vaughan, "and we continuously explore technologies that aim to enhance the teaching and learning experience."

Thursday, Nov. 5

MUN Cinema Series presents The Cove. 7 p.m. Empire Theatres, Avalon Mall.

Admissions Information Session for all prospective students interested in applying to Dalhousie University Schulich School of Law for the 2010-11 academic year. 7 p.m., C-2010, Chemistry-Physics Building.

Helmut Maassenn (Heinrich-Hein University, Dusseldorf) will speak on "Conflict Resolution in Gandhi and Whitehead," 2 p.m., SN-2098.

Language Dead or Alive: What's in a Dictionary, 5 p.m., Queen's College, QC-4028.

Trees of descent, Steiner trees and the computation of likelihood in complex genealogies. 2 p.m., SN-3058.

The Chronicles Of The Seventh Day Throughout The Ages, Part 1. A five-part documentary that examines the History of the Seventh Day Sabbath. 7:10 p.m., Engineering Building, EN-2006.

Fence Building Revisited: Keith Matthews and the Historiography of Newfoundland, 12 p.m., A-4004.

A research colloquium by Dr. John Katsaras of the National Research Council, Chalk River, Ontario. Cholesterol's Location In Bilayers Can Be Dictated By Lipid Composition. 3:30 p.m., C-2045.

Poverty, Food Security and Vulnerability: Some recent findings from research in small-scale fisheries, presented by Dr. Chris Bene, Senior Advisor on Small-Scale Fisheries and Development, World Fish Center, Malaysia. 1 p.m., SN-2018.

Friday, Nov. 6

Scruncheons and Brass Ensemble, 8 p.m., D.F. Cook Recital Hall, School of Music. An eclectic program featuring Aaron

Copland's stunning Fanfare for the Common Man.

32nd Annual Garden and Nature Art Exhibition, 10 a.m.-4 p.m., MUN Botanical Garden, 306 Mount Scio Rd.

Free Admission at MUN Botanical Garden, 10 a.m.-4 p.m., MUN Botanical Garden, 306 Mount Scio Rd.

Distinctive Paths of Linguistic Resistance: The Case of Cajun Vernacular English and Creole African-American Vernacular English. 7 p.m., A-1043.

Commitment and Sacrifice: Early Twentieth Century Marriages of Newfoundland Women and Norwegian Whalers, 4 p.m., SN-2018

Saturday, Nov. 7

The French Connection, 8 p.m., D. F. Cook Recital Hall, School of Music. An evening of music by Clifford Crawley and one of his favorite composers, Francis Poulenc.

Interested in teaching overseas in South Korea? Davidon Recruiting Services Information Session, 1 p.m., A-2065.

Information Session on Newfoundland and Labrador's Provincial Nominee Program, 10 a.m., Inco Centre, IIC-2001 (Theatre).

Sunday, Nov. 8

Access and Authenticity: The Conservation of the Newfoundland Heroes -- A Public Presentation by Greg Hill and Dr. David Parsons, 2 p.m., The Rooms Lecture Theatre, Level 2.

Monday, Nov. 9

Master of Management and Professional Accounting Information Session, 11 a.m., University Centre, UC-3018 (The Landing).

A workshop for CIHR Funding for Social Sciences and Humanities Researchers,



PHOTO BY CHRIS HAMMOND

No. 1 ranter Stuart Simpson took home \$1,000 for his rant about teenage vampires in the *Twilight* series at the Rant Like Rick contest.

9 a.m.-12 p.m., Junior Common Room, R. Gushue Hall.

Tuesday, Nov. 10

Global Cinema Series -- Primer (USA), 7 p.m.-9 p.m., Atrium -- Inco Innovation Centre. Tickets are available at the door or may be reserved in advance by calling the Division of Lifelong Learning: 737-7979 or toll free (NL only) 866-959-8474.

Special RCMP Career Presentation for Women, 6 p.m.-9 p.m., AS-324, Arts and Science Bldg., Grenfell College. For more information, call 637-4430 or visit www.rcmp.ca.

Noreen Golfman will speak on "Women's Experiences in Film." The CFUW invites the public and prospective members to attend. 7:30 p.m.-8:30 p.m., Room 4065, Alexander Murray Building. For more information, please call 368-5062.

Wednesday, Nov. 11

Remembrance Day Closure at the Garden. In observance of Remembrance Day, MUN Botanical Garden will be closed to the public on Nov. 11. The Garden is open daily, 10 a.m. - 4 p.m. For more information, please contact the Garden at 737-8590 or visit www.mun.ca/botgarden.

Wessex Society Lecture, 8 p.m.-10 p.m., Hampton Hall, Marine Institute. The Hon. Dr. Edward Roberts will be installed as the new Patron of the Society and will give a talk on Newfoundland history.

Thursday, Nov. 12

Martin Lussier will speak on Montréal 'Musiques émergentes': a community without identity, 7:30 p.m.-9:30 p.m., MMaP Gallery, Arts and Culture Centre (2nd floor).

The Chronicles Of The Seventh Day Throughout The Ages, Part 2, 7:10 p.m.-8:10 p.m., Engineering Bldg, Main Theater, EN-2006. 7:15 p.m.-8:15 p.m., Engineering Bldg, Main Theater, EN-2006. Free Parking in Lots 16/16A. Free and open to Public.

Friday, Nov. 13

Understanding Tamil Militant Women's Concerns: Women's Rights and Nationalism, 12 p.m.-1 p.m., SN-4087. The Women's Studies Speakers Series presents Zincia Francis, master of women's studies candidate, who will speak on Understanding Tamil Militant Women's Concerns: Women's Rights and Nationalism.

"Heat shock proteins, insulin and myocardial protection." 3:30 p.m.-4:30 p.m., HSC - Lecture Theatre B. Dr. William Currie, Professor, Department of Anatomy and Neurobiology, Dalhousie University.

PhD Oral Defence of Kristy Lynn Williams, 10 a.m.-12 p.m., EN-4002, Alexander Murray Building. Titled: The regulation of the cytoskeleton in promoting axon growth

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HOME AVAILABLE

Dec. 15, 2009 - May 1, 2010. A large fully furnished and equipped two level, two bedroom home in Kent's Pond area close to College of North Atlantic, Memorial University, and Marine Institute. \$1,300 per month (POU). Non smoking professional couple, university faculty/staff or mature graduate students only - no pets. Please call 753-7098 or e-mail billrdad@yahoo.com. References required.

FOR RENT

Unfurnished 3+1 BR house on lovely lot with trees. Washer, dryer, dishwasher, fireplace, garage. 6 km from campus. \$1,200/mo POU. No smoking, no pets. Available December. 895-6938; skb@mun.ca

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Mature professional female will bring a peaceful and loving energy to your home. In process of developing business and continuing writing career. Need a cat-friendly space. Call Nancy 631-4107.

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**POST DOCTORAL
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A 2-year post-doctoral fellowship is available in the School of Nursing, Memorial University of Newfoundland to work on a CIHR-funded interdisciplinary project titled "Working late: Strategies to enhance productive and healthy environments for the older workforce - The Canadian Context."

Applicants should have fulfilled all requirements for a PhD in Nursing or health-related fields, such as Community Health, Psychology, Sociology or Social Work, Human Kinetics and Recreation, etc. and are conversant with both quantitative and qualitative research.

Interested applicants may send, e-mail or fax curriculum vitae and the names of three references on or before Nov 30, 2009 to:

Dr. Lan Gien, Professor, School of Nursing
Memorial University of Newfoundland
Health Sciences Center, St. John's, NL A1B 3V6
E-mail: lgien@mun.ca FAX: (709) 777-7037



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Celebrate 50 Years of Archival Excellence



Lectures – Mr. Greg Hill and Dr. David Parsons Sunday, November 8, 2 pm

Come along for two engaging presentations beginning with visiting Conservator Greg Hill presenting Access and Authenticity: The Conservation of the Newfoundland Heroes (RNR) poster, followed by Dr. David Parsons who will present The Forgotten Force: The Story of the Newfoundland Division of The Royal Naval Reserve, 1900-1922. Lectures are first-come, first-seated and are included with the cost of admission.

The Rooms Provincial Archives Division Open House & Public Reception Friday, November 20, 10 am & 2 pm

Come to the Reference Room to meet Archives' staff for one-on-one orientations to the Archives and its treasures. Don't miss your opportunity to tour behind-the-scenes archival work areas and vaults and pose questions to Archives' staff. Tours are available on a first-come, first-serve basis.

Films from the Archives' Collections Wednesday, November 25, 7 – 9 pm

Take in two 1970's films from our Moving Images Collection - Come Paint and Photograph Us and The Seabirds of Newfoundland. Films are offered on a first-come, first-seated basis and are included with the cost of admission.

Orientation and access to the Archives and its collections is available throughout all hours of The Rooms operation: Mondays Closed, Tuesday to Saturday 10 am to 5 pm, Wednesday evenings until 9 pm. Sundays - Noon to 5 pm (Archives Closed).

-  archives
-  art gallery
-  museum

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