



# The Bulletin

University of Manitoba

## Fall Convocation

The University of Manitoba honours students, staff and community leaders.

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## World appeal

The International Centre for Students helps link the U of M to the rest of the world.

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## Look left

Sri Lankan intellectuals from the past have something to offer the country today.

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Photo by Dale Barbour

Art historian Marilyn Baker has used artwork and archives to create an exhibition that explores the late Lionel LeMoine FitzGerald, a member of the Group of Seven and University of Manitoba artist.

## FitzGerald put in context

BY DALE BARBOUR  
The Bulletin

You'll never have a better chance to learn about Manitoba artist Lionel LeMoine FitzGerald – the namesake for the School of Art's current building and the last member of the Group of Seven.

The *FitzGerald in Context* exhibition runs until Nov. 9 at Gallery One One One and as the name implies, it goes much deeper than simply presenting his artwork.

"We have an incredible collection of FitzGerald memorabilia. We have sketches, scribbles, finished and unfinished letters, projections for works of art, articles about him and others and even his picture files. He collected and held on to this material over his lifetime," exhibition curator and art historian Marilyn Baker said. "His daughter Patricia donated these items to the university in the 1970s."

Baker has spent the past three years researching FitzGerald and the result is an exhibition that has the feel of a living book as it tracks his progress. The archival material includes letters which establish everything from the family's roots in Ireland to FitzGerald's relationship with friends and members of the Group of Seven.

Before he was a famous artist, FitzGerald was a commercial artist trying to earn his keep and support his family which included his wife Vally, son Edward and daughter Patricia. Pictures of his wife and children are an intriguing part of the displays in the exhibition.

The exhibit chronicles his early work which included designing First World War Memorials or Rolls of Honour for various groups and organizations. There are also examples of the magazine cover illustrations he produced for various companies including the Hudson's Bay Company's *The Beaver*, and automotive magazines such as *Motor in Canada*.

To further his artistic training, FitzGerald studied at the Art Students League in New York in the 1920s.

The letters in the collection show his developing friendship with members of the Group of Seven in the late 1920s, in whose shows he exhibited before actually becoming an official member of the Group of Seven in the 1930s.

The Gallery One One One exhibition includes works on loan from the Winnipeg Art Gallery and the National Gallery of Canada.

See FITZGERALD/P. 2.

## Fallen soldier receives degree

A new location and some exceptional honours are marking the University of Manitoba's 40<sup>th</sup> Fall Convocation.

Convocation is being held in the Church of the Rock, 1397 Buffalo Place this year due to a potential labour disruption. The first session of Convocation took place yesterday and a second session is set to run at 3:30 p.m. today.

Overall, 1,271 graduands will receive their diplomas in many disciplines including arts, education, management, dentistry and medical rehabilitation.

The Fall Convocation ceremonies bring the total number of U of M students graduating to 4,746 in 2007 – making it the second largest year for graduates on record.

The University of Manitoba will also be conferring a bachelor of arts degree posthumously to Jordan James Anderson, who was killed in action serving in the Canadian military effort in Afghanistan.

Anderson, of the Edmonton-based 3rd Battalion, Princess Patricia's Canadian Light Infantry, was killed July 4, 2007 along with five other Canadian soldiers and an Afghan interpreter when their armoured vehicle struck a roadside bomb near Kandahar. He was a political studies major completing his degree through the Canadian Forces Program at the University of Manitoba.

Anderson's wife, Amanda Anderson, will attend Convocation on his behalf. She will be accompanied by family members.

Members of Anderson's military unit are working to set up at least one scholarship in his name at the U of M, likely an entrance scholarship in political studies and another for students later in the program.

The University of Manitoba will, with the permission of Senate, grant degrees posthumously to students who were nearing completion of their work. A bachelor of nursing degree was also granted posthumously this year.



## In The News

University of Manitoba members are always making news – demonstrating the university's impact on the community. Here's a look at the stories and headlines that show how U of M faculty and staff impact the world around them.

### Medicine grad honoured

Oct. 14, 2007  
The Winnipeg Sun

University of Manitoba graduate Allan Ranson, M.D. was featured in a story in The Winnipeg Sun for winning the prestigious Reg L. Perkin Award. The award recognizes exceptional patient care and honours one family physician per province every year. Ranson's family practice is in Hamiota, MB. He graduated from the University of Manitoba in 1976.

### Prof. Potato Head

Oct. 13, 2007  
The Winnipeg Free Press

Food Sciences professor Martin Scanlon was consulted by Free Press writer David Sanderson for his expertise on the potato in a Saturday feature entitled "Fry Me to the Moon". Sanderson specifically requested Scanlon's on-site expertise over a bag of fries at famous Winnipeg fast food joint VJ's Drive-In for a fun story on the popular Main St. kiosk. Scanlon provided a favourable analysis of the VJ fried potato, despite his own hankering for french fry of a different batter.

### Jane Ursel on spousal homicide

Oct. 12, 2007  
The Vancouver Sun, The Star Phoenix

Jane Ursel, sociology professor and director of RESOLVE, was asked for comment in two stories on a recent Statistics Canada report on family violence that found that almost three-quarters of offenders had no prior contact with police for domestic violence issues. Ursel is leading a long-term study on women in the prairie provinces who are abused by their intimate partners. RESOLVE is a violence and abuse research centre run jointly by the University of Manitoba, the University of Calgary and the University of Saskatchewan.

### Holocaust orphan

Oct. 11, 2007  
The Canadian Jewish News

Walter Saltzberg was featured in a story in The Canadian Jewish News for to coincide with the 60<sup>th</sup> anniversary reunion for orphan teens who lost their families in the Holocaust and were brought to Winnipeg. Saltzberg was 17 years old when he came out of hiding and made his way in 1947 to Winnipeg after losing his immediate family. He was one of about 135 orphaned teens who came to Winnipeg as a result of the efforts of Canadian Jewish groups and the United Nations Rehabilitation and Relief Administration. Saltzberg is now semi retired but still teaches a class in the Faculty of Engineering and is also a graduate of that faculty.

# FitzGerald's passions and friendships explored

From Page 1.

A stunner in the show is his painting *Late Fall* which he sold to the National Gallery in 1918. But what makes the exhibition a one of a kind opportunity is the chance to view those works in tandem with the archival material on FitzGerald's life. Baker documents his friendships, which include books he received from such important Canadian art figures as Robert Ayre, the editor of *Canadian Art*, and Bertram Brooker, a notable artist and writer whose archives are also at the University of Manitoba.

Baker said the collection also gives people a sense of where FitzGerald placed himself in the artistic scheme of things.

"We didn't realize that he was so keen on photography," Baker said. "And not just behind the camera, but in front of it too." The exhibition includes several examples where FitzGerald posed himself for

pictures, setting up an artistic tableau. One of the pictures has him considering an Egyptian statue while holding a book which is open to a painting that we have identified as being by Cezanne."

The posed photographs that are part of the exhibition provide a visual counterpoint to the view that as an artist FitzGerald didn't take himself that seriously.

"The portraits show he was concerned with where he fit in the world, and how he saw himself as an artist," Baker said.

By the 1950s, FitzGerald's artistic significance was established and a large retrospective exhibition was in the planning stages to honour his life's work. When he died in 1956 his death announcement was broadcast across Canada. Locally his place as an important Canadian artist had already been acknowledged through an honorary degree awarded by The University of Manitoba in 1952.

## Labour negotiations at the U of M

The labour bargaining process is ongoing at the University of the Manitoba. As of press time, the Canadian Auto Workers union, which represents employees in the maintenance trades, powerhouse, general services, grounds, caretaking, residences and food services, was engaged in strike action at the university.

The University of Manitoba Faculty Association,

which represents full-time faculty, did reach a tentative agreement with the university as of Oct. 15. That agreement was pending ratification from the UMFA membership.

The university is providing up to the minute updates of the labour negotiation process on its web page at [umanitoba.ca](http://umanitoba.ca).

## John Adair International Distinguished Lecture

### Cultural Value Orientations: Nature and Implications of National Differences

public lecture

### Dr. Shalom Schwartz

Department of Psychology  
Hebrew University of Jerusalem



UNIVERSITY  
OF MANITOBA

Thursday, October 25, 3:00-4:15 pm  
Room 100, St. Paul's College  
Fort Garry Campus, University of Manitoba

For information: contact Jason Leboe,  
Department of Psychology 474-8031  
Everyone Welcome!!

## Aurora update coming

The Aurora finance and student systems will be upgrading to Banner 7 over the weekend of Nov. 16.

The upgrade will bring a new look and feel to Aurora applications along with increased functionality. Supporting the change, LDS will be providing "What's New" sessions along with updated materials and continued support via the Aurora help desk. Look forward to future communications with more details.

Contact: Aurora help desk 272-1555  
Aurora website [umanitoba.ca/computing/renewal/aurora/](http://umanitoba.ca/computing/renewal/aurora/)

community. There is no charge for running notices in the events column. Send events notices to: [barbourd@ms.umanitoba.ca](mailto:barbourd@ms.umanitoba.ca)

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The Bulletin can be viewed online at [umanitoba.ca/bulletin](http://umanitoba.ca/bulletin)

# We have international appreciation

## International Centre focuses on linking the U of M to the world

By Dale Barbour  
The Bulletin

The International Centre for Students has never been busier and not just when it comes to helping international students settle into life at the University of Manitoba.

The truth is the International Centre is helping Canadian students link with the rest of the world too.

"We've long been seen as the international student office and there are good reasons for that," International Centre director Tony Rogge said. "As a unit in student services, we concentrate heavily on the needs of our international students."

"But we are named the 'International Centre for Students'."

And that name means that the job of the centre is to be a catalyst for internationalization and to help all students think about their place and their future in this world.

International students are one piece of that puzzle.

"Over the last decade we've grown to over 2,500 degree seeking international students at the University of Manitoba, and that doesn't include students who are accessing programs prior to their degree," Rogge said. The latter group includes some 250 to 300 students per year who take part in the university's English language training programs.

"It adds up to roughly 10 per cent of our student body," Rogge said. "When I worked here in the early 90s, we had just over 100 international students. To accommodate that growth, we've had to grow too." That growth has included a full time director, another full time international student adviser, a full time student exchange coordinator, a receptionist and most recently a full time off-campus work permit coordinator.

About 1,200 of the university's international students come from China and Hong Kong, with a growing number from Nigeria, Mexico, and now, Southern and Eastern Africa.

"We're on the radar screen for international students," Rogge said. "The university has a recruitment strategy and it has been working."

Of course, the best recruitment strategy is ensuring the international students who do come to Canada are treated well.

"Word of mouth plays a big role in a lot of countries.



Photo by Dale Barbour

From left, program coordinator Lois Ward, international student advisor Margarita Rowley, student exchange coordinator Robin Dirks and director Tony Rogge are just some of the people making the International Centre for Students run.

If you have a positive reputation and the price point is right, they'll consider you."

For those students, the International Centre is a home away from home: providing them with a place to meet and a one-stop-shopping place for programs that can help them succeed while they're at the university. The work permit coordinator – created when the federal government opened the door for international students to work up to 20 hours a week off campus – is an example of how that role has grown.

But the second part of the International Centre's job – and the portion where Rogge sees room for growth – is catering to all the students who want to increase their international exposure.

"This year we have 40 U of M students taking part in exchange programs and the same number coming back the other way," Rogge said. For the students coming here, the experience isn't about getting a degree but rather about immersing themselves in Canadian culture. The International Centre is just one route for students looking to study abroad, other faculties across the university also offer their own exchange programs helping an additional 150 U of M students add an international dimension to their education.

Rogge said the International Centre is looking to increase the number of exchange students it works with. But it's also trying to increase the degree to which U of M students think about their international opportunities.

World Opportunities Week, set to run Nov. 6 to 8 is a good example of that effort. Focused in University Centre, the week will cover everything from studying abroad to approaches for the international job search.

"I would like ICS be more involved in facilitating a whole range of international opportunities for students and graduates," Rogge said.


They're headed in that direction already – last summer the centre helped send two students to northern Uganda.

"For three weeks they were able to follow the peace process and see what happens when a million people who have been displaced by conflict are ready to go home," Rogge said. "They were blown away by the experience."

Finally, there's a third role for the International Centre – linking international and Canadian students.

"We'd like to do more to get the two solitudes on campus working together," Rogge said. That means initiatives such as the welcome family program, where families greet international students when they first arrive and provide them with a place to stay for the first few days as they're getting acclimated, a buddy program that pairs local students with international students, and the volunteer English practice program that gives everyone a chance to learn from each other.

Rogge said they're also trying to bring students together through special events such as Hockey Night with the Bisons, and the Global Café to be held in St. John's College in the new year.



## Gerry McDole Professorship Award

### Call for Applications

Gerry McDole Professorship Award in Improved Healthcare Delivery to Rural, Remote and Underserved Populations of Manitoba

The Faculty of Medicine, University of Manitoba, invites applications for the Gerry McDole Professorship Award. This award of \$50,000 is presented annually to a deserving new academic faculty member in the Faculty of Medicine for research in health service delivery and/or health policy development. The goal of the professorship is to improve the delivery of healthcare services to rural, remote and underserved populations of Manitoba.

Funding of this award is through an endowment from AstraZeneca honouring the retirement of their President, Mr. Gerry McDole.

Application Deadline: December 15, 2007

Guidelines and application information can be obtained from:

**Mrs. Terri Turner**  
Administrative Assistant  
Office of the Associate Dean (Research)  
Faculty of Medicine, University of Manitoba  
Tel: 204-789-3375  
Fax: 204-789-3942  
e-mail: [ttturner@ms.umanitoba.ca](mailto:ttturner@ms.umanitoba.ca)

Advertise in **The Bulletin**. For details call 474 8111.

## The Bulletin

University of Manitoba

The Bulletin is the newspaper of record for the University of Manitoba. It is published by the Public Affairs department every second Thursday from September to June and monthly in December, July and August.

The Bulletin welcomes submissions from members of the university community. Submissions can include letters to the editor, columns, news briefs and story and photo suggestions.

Material in The Bulletin may be reprinted or broadcast, excepting materials for which The Bulletin does not hold exclusive copyright.

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#### Events

The Bulletin publishes notifications on events taking place at the University of Manitoba or events that are of particular interest to the university



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\*Only qualified educational users may purchase. See Computers on Campus for eligibility rules. Prices and specs subject to change without notice.  
\*\*Not exactly as illustrated.



# Linton looks at the men in menstruation

BY DALE BARBOUR  
The Bulletin

The mere presentation of his lecture probably did more than anything else to prove Marymount Manhattan College professor David Linton's argument that attitudes about menstruation are on the move.

Linton delivered the talk *Male Perspectives on the Menstruating Body in Advertising: What's with the 'Men' in Menstruation?* on Oct. 9 in St. John's College. He's an expert in media and the culture of menstruation and the lecture traced the progression of advertisements from the 1920s and onwards.

The point of the discussion was to look at the role of men in the social construction of menstruation and how that social construction – or way of understanding – menstruation is undergoing a change if not an outright demolition.

Linton argued that from being an object for the social control of women – a

"dark and shameful secret" in the words of one advertisement – menstruation has become something women could bond over at the expense of and in the presence of men.

"The implied presence of men permeates the menstrual milieu," Linton noted. Indeed, the social control of women was premised on their behaviour being measured against male expectations.

While the string of advertisements Linton produced focused on feminine products men were always part of the picture whether their presence was direct or implied.

Linton said feminine hygiene products first came on the scene in the 1920s along with a flood of other mass produced products. In a 1920 advertisement, Kotex noted "To save men's lives science discovered Kotex" and went on to describe its ability to staunch battlefield wounds. The advertisement includes an image of a

nurse tending to two wounded veterans and goes on to note that this simple product can help both men and women. What Kotex doesn't mention is what the product is, although there are hints.

Rolling into the 1930s, advertisements included statements such as "women's happiness rests largely on solving this oldest hygienic problem this new way" or mentioning the hygienic handicap – building a theme that menstruation, a normal part of womanhood, was problematic and needed to be dealt with to avoid offending the unnamed male.

The trend continued through the 1940s when advertisements pushed women to deal with menstruation so they could be the "fun on his furlough" or so that they could work unhindered during the day to contribute to the war effort.

With the end of the Second World War, women were pushed to move back into the home, take up their domestic duties and please their husband – it being

a given that they would be married.

The trend was reflected in advertisements that noted: She was "So humiliated when she realized the cause of her husband's frigidity." Advertisements for Lysol Disinfectant paired their call with the phrase, "Still the girl he married."

Over the following decades, Linton said men seemed to disappear from the advertisements but the design of ads, which often focused on presenting well-dressed women in a variety of settings still focused on the necessity of maintaining sexual attractiveness.

Contemporary ads typically normalize menstruation – a television ad shown by Linton featured students passing a tampon in the classroom and being caught by teacher who assumed the product was a mint. Rather than the women being ashamed of the product, and by association of menstruation, it was the man who was the butt of the joke.

## Marks of Achievement

*Earned some recognition or an award? The Bulletin wants to celebrate with you. Please e-mail information about your Marks of Achievement to barbour@ms.umanitoba.ca. Feel free to include a picture of yourself. We'll need a 200 dpi jpeg image. If you would like to chat about the details or picture, please call 474 8111.*

### Honours for Chochinov and Pierce

Psychiatry professor Harvey Chochinov and physiology professor Grant Pierce have been elected fellows of the Canadian Academy of Health Sciences (CAHS).

Chochinov holds a Canada Research Chair in palliative care and is director of the Manitoba Palliative Care Research Unit at CancerCare Manitoba. Pierce is executive director of research at St. Boniface General Hospital. Both were inducted into the academy at a ceremony in Montreal on Sept. 18.

Election to fellowship in the CAHS is considered one of the highest honours for individuals in the Canadian health sciences community. Fellows are elected by their peers in recognition of outstanding career accomplishments and exceptional leadership, creativity and commitment to advancing academic health sciences.

Harvey Chochinov is an international leader, role-model, and scholar within the field of palliative care. His pioneering research has played a large role in the definition of core-competencies and standards of care for practitioners around the world attending to the needs of the dying and their loved ones.

Chochinov's many empirical papers, book chapters and his textbook in psycho-oncology and palliative care have helped to establish the importance of psycho-social considerations in comprehensive end-of-life-care.

Grant Pierce has made pioneering contributions to the identification of a cardiomyopathy in diabetes and to determining an important mechanism responsible for ischemic heart disease.

Pierce is now a leading researcher in nutraceuticals and cardiovascular disease, creating one of the largest of these groups in North America.

He is editor of the *Canadian Journal of Physiology and Pharmacology*, and the only Manitoban to serve as the chair of all peer review for the Heart and Stroke Foundation of Canada.

## WELCOME TO OUR NEW FACULTY MEMBERS

*The Bulletin* is proud to welcome the university's new faculty members. *The Bulletin* is profiling our new professors, looking at where they come from and where their teaching and research projects will take the university in the future.

**MICHEL ALIANI**  
Assistant Professor  
Department of Human Nutritional Sciences  
Faculty of Human Ecology

Michel Aliani has joined the department of human nutritional sciences and is the new director of the Weston Sensory and Food Research Centre. He has an engineering degree in agricultural biochemistry, CNAM, Paris, France and a PhD from Queen's University Belfast, UK.

Aliani's areas of specialization include looking at meat chemistry and biochemistry, separation techniques, protein purification, sensory evaluation of food and carbohydrate research.

He is researching the chemistry and biochemistry of meat and investigating the key flavor precursors in different types of meat.

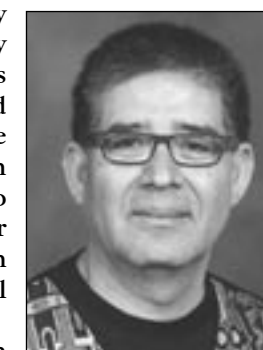
Aliani is also interested in human breath analysis and the development of methods to identify key volatiles in human breath as potential biomarkers for clinical diagnosis.



**WILDER ROBLES**  
Assistant Professor,  
Department of Family Social Sciences  
Faculty of Human Ecology

Wilder Robles is a Peruvian scholar educated at the State University of Campinas (Brazil), Regent College (Canada), Ohio University (United States) and University of Guelph (Canada). Robles was a board member and past president of the Spence Neighborhood Association (SNA), Winnipeg. He is also the current conference chair for the Canadian Association for the Study of International Development (CASID).

Robles's PhD dissertation was on "Peasant Mobilization, Land Reform, and Co-operative Formation in Brazil, 1984-2004". His research and teaching interests are community development, social movements, humanitarian aid, religion and politics, and environmental policy. He has published a number of articles in academic journals in both English and Spanish dealing with the above topics. He is finishing a book on the Landless Rural Workers Movement (MST).



**CANDICE RIDEOUT**  
Assistant Professor  
Department of Human Nutritional Sciences  
Faculty of Human Ecology

Candice Rideout has joined the Faculty of Human Ecology as an assistant professor in community nutrition in the department of human nutritional sciences.

Rideout completed her PhD in Human Nutrition at the University of British Columbia in 2006. Her doctoral research, funded by the Canadian Institutes of Health Research, examined associations among eating attitudes, stress, and body composition in postmenopausal women. Rideout's recent postdoctoral work included international nutrition projects which explored factors associated with food choice and food security among university students in Rwanda and among women in rural Vietnam. Her research program at the University of Manitoba will use a community-based participatory research approach to explore psychosocial aspects of human nutrition and develop effective nutrition programs.

In addition to her research expertise in applied and community nutrition, Rideout brings her enthusiasm for active student-centered learning to the University of Manitoba. She is committed to creating meaningful learning experiences for students and has extensive experience with problem-based learning (PBL) and other student-centered approaches to teaching.



### UNIVERSITY OF MANITOBA

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Please send resumes by October 30, 2007 to: Faith Anderson, Dept. of Dental Diagnostic and Surgical Sciences, D343-790 Bannatyne Avenue, Winnipeg, MB. R3E 0W2. Fax: (204) 789-3913; telephone (204) 789-3684.

Join us for an open-forum meeting at

### THE UNIVERSITY OF MANITOBA

Framing Our Direction: From Strategic Plan  
to Action Plan at SSHRC



#### DR. CHAD GAFFIELD

President of the Social Sciences and Humanities Research Council of Canada (SSHRC)

SSHRC President Dr. Chad Gaffield is one of Canada's leading social historians and was the founding director of the Institute of Canadian Studies at the University of Ottawa. He will lead an open forum/town hall-style discussion focused on the future of social sciences and humanities research in Canada. Topics will include SSHRC's role in developing the talent that will make Canada successful in the 21st century; the importance of multi-disciplinary research; and the importance of articulating the impact of social sciences and humanities research on society.

Wednesday, October 24, 2007  
2:30 - 4:00 p.m.

Moot Court, 200B Robson Hall  
224 Dysart Road

All are welcome. Free admission.

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[umanitoba.ca](http://umanitoba.ca)



### Aggies keep on rolling



Photo by Crystal Jorgenson

The 26th annual Aggie Bedpush rolled down the TransCanada Highway from Brandon to the University of Manitoba on Sept. 29 to Oct. 1 to raise funds for KidSport. Approximately 40 students from the University of Manitoba's Faculty of Agricultural and Food Sciences took turns pushing a custom-made, burgundy-colored steel bed frame and wrapped up their trip on the steps of the Administration Building.

### John P. Zubek Memorial Lecture

#### The Selfish Goal

public lecture

Dr. John A. Bargh

Department of Psychology  
Yale University

Friday, November 2, 3:30-4:45 pm  
Moot Court Room, Robson Hall

Fort Garry Campus, University of Manitoba



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For information: contact Jason Leboe,  
Department of Psychology 474-8031  
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### St John's College 141<sup>st</sup> Annual Convocation

Sunday November 4, 2007 at 3:00 pm  
Chapel of St John the Evangelist  
St John's College

#### Honouring

Doctor of Canon Law (*honoris causa*) Recipients  
Dr. David Bright (speaker)

and  
Mrs. Janice Filmon

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Rev. E. Timothy Sale

2007 Graduates & Award Winners

Reception Following Convocation

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# Celebrating our 40th Fall Convocation

## Honorary degree recipients

Honorary degrees are awarded for distinguished achievement in scholarship, the arts, or public service. Candidates for honorary degrees are nominated by members of the University and the public.



**LOUIS FORTIER**

As one of Canada's leading environmental researchers in climate change Louis Fortier has helped place Canada at the forefront of research on the impact of climate change in the Arctic. He holds the Canada Research Chair in Polar Marine Ecosystems at Laval University and is scientific director of ArcticNet, one of Canada's network of Centres of Excellence that, together with Inuit organizations, northern communities, government agencies and the private sector examines the impact of climate change in Canada's Arctic.

Fortier graduated from Laval University with bachelor's and master's degrees and continued his graduate studies at McGill University where he earned his doctorate. After a year as a NATO post-doctoral fellow in the United Kingdom, he returned to Canada to join Laval University in 1989. He is a specialist of the population dynamics of marine zooplankton and fish. Since 1996 he has also been director general of Québec-Océan, le Groupe interinstitutionnel de recherches océanographiques du Québec, a research centre that coordinates the research of oceanographers at Quebec universities.

He has been a visionary and leader in international polar marine science throughout his career. He envisioned and led the North Open Water (NOW) polynya and the Canadian Arctic Shelf Exchange, two Natural Sciences and Engineering Research Council of Canada funded research networks of international stature on the response of the Arctic Ocean to global warming; these programs emphasized the reality of Arctic climate change.

Fortier also led the consortium of Arctic specialists that obtained funding from the Canada Foundation for Innovation to mobilize a research icebreaker. Since 2003, the Amundsen and its state-of-the-art scientific equipment has enabled Canada to lead international research in its own Arctic waters and to also be among the select group of nations that are active in Polar oceanography.

Wednesday, October 17 session.



**DON ROBERTSON**

A Cree from Norway House, Don Robertson is the former chair of the Council for Post-Secondary Education and formerly executive director of the Manitoba First Nations Education Resource Centre. Robertson is an educator whose professional career is characterized by a commitment to the welfare of his people and their access to education.

He received his education at Cook Christian Training School, Phoenix Junior College in Arizona and at Union College in British Columbia where he was ordained as a United Church minister. His subsequent theological training concentrated on clinical counseling at Brandon General Hospital and the Calgary Pastoral Institute. He served pastorates in Melita and Russell before becoming more directly involved in education.

Over the past three decades he has held appointments as education superintendent of the Manitoba Indian Education Association; counsellor/co-ordinator and director of Indian-Métis Project for Action in Careers Through Teacher Education (IMPACTE) at Brandon University; and was dean of Aboriginal education and institutional diversity at Red River College; director of Brandon University Northern Teacher Education Project (BUNTEP); co-ordinator of community and program liaison for special projects; co-ordinator of program support services and education for the Core Area Training and Employment Agency, Manitoba Education and Youth; and director of education for the Island Lake Tribal Council. In 2000, he served a three-year term as chair of the Council on Post-Secondary Education for Manitoba. Robertson is currently the chair of the implementation team for the University College of the North. In 1999, he was appointed chair of the Council on Post-Secondary Education for Manitoba, a role he held for eight years.

He was appointed to the Order of Manitoba in 2004 and was awarded an honorary doctor of education degree from Brandon University in 1992.

Thursday, October 18 session.

## Distinguished Alumni Award

The Distinguished Alumni Award is an honour presented annually to a graduate who demonstrates outstanding professional achievement and community service, and who also maintains links with the University of Manitoba.



**IAN C. P. SMITH**

Ian Smith is director general of the National Research Council Institute for Biodiagnostics in Winnipeg and is one of Canada's foremost authorities on magnetic resonance spectroscopy. He has more than 20 national and international awards to his credit, including fellowship in the Royal Society of Canada.

He began his university education at United College, now the University of Winnipeg, in 1956. He later obtained bachelor's and master's degrees in chemistry from the University of Manitoba. He graduated with his doctoral degree from the University of Cambridge in physical and theoretical chemistry. After post-doctoral years at Stanford University and Bell Laboratories, he began his career with the National Research Council in Ottawa where he carried out research in applications of complex physical methods to problems of biological and medical significance. He was director general of the NRC Institute for Biological Sciences from 1987 to 1992.

Smith returned to Winnipeg in 1992 to build a new NRC institute – the Institute for Biodiagnostics. Under Smith's leadership, the IBD works to fulfill its mandate of performing world-class research in noninvasive medical diagnostics and transferring this information to the health community and research sector. The goals of this work are to make a difference to people's health, influence diagnosis, treatment and prognosis, and let IBD products and expertise serve as a stimulus for the local and the Canadian economies. To that end, the IBD today employs more than 200 people and has spawned six spin-off companies with a combined value of more than \$200 million.

In addition to his scientific career, Smith has been involved with the university throughout his career – currently as adjunct professor of chemistry, physics, radiology and anatomy and previously as a member of the university's Board of Governors and as president of the alumni association. He has also been active on numerous local, national and international boards and councils.

Wednesday, October 17 session.

## Dr. John M. Bowman Memorial Rh Institute Foundation Award

The Dr. John M. Bowman Memorial Winnipeg Rh Institute Foundation Award recognizes research accomplishments of senior faculty according to the quality of their research, the impact of the research nationally and internationally, and the distinction brought to the university by the research. The award is named after the late Dr. Bowman who was a Winnipeg pediatrician, a leading researcher into Rh Disease, and founder of the Winnipeg Rh Institute.



**ROBERT D. HILL**  
Department of Plant Science  
Faculty of Agricultural and Food Sciences

Robert Hill is one of Canada's most respected plant scientists, and a leading researcher in plant biochemistry and molecular biology. During his distinguished career at the University of Manitoba, Hill has earned an international reputation for work that has shed new light on how plants function and has formed the basis of new research programs at laboratories across Canada and internationally.

In 2006, Hill's team was the first in the world to discover a receptor for abscisic acid, a hormone that regulates a number of key plant functions and controls a plant's responses to environmental stress. This discovery earned international acclaim because it could potentially allow scientists to influence how a plant responds to stresses like cold, drought and excess salt, which would have a significant impact on global agriculture and forestry industries.

Hill is also internationally known for his work in determining how certain plants respond to specific stresses, including innovative research on a new class of plant hemoglobin and its interaction with the plant signaling molecule, nitric oxide. In addition, he played a key role in the discovery of a protein that inhibits seed damage under adverse conditions. Hill has also contributed to human health research and his identification of allergens in grass pollen has allowed for the development of effective treatments for pollen-induced allergies.

Hill's findings are published in the world's top scientific journals, including *Nature*, the *Proceedings of the National Academy of Sciences*, the *Journal of Biological Chemistry*, *Planta*, and the *Journal of Experimental Botany*. His national and international awards include the Sigma Xi Senior research scientist award, the Canadian Society of Plant Physiologists medal, the Sir Fredrick McMaster fellowship (Australia), and the Prix Georges Morel (France).

Hill is a dedicated mentor having supervised 17 master's students, 11 doctoral students, and many post-doctoral fellows and research associates. From 1993 to 1999, he was associate dean (research) in the Faculty of Agricultural and Food Sciences, and he has served the university community as a member of a wide range of boards and committees.

Hill is a graduate of the University of Manitoba, and he completed his post-doctoral research at the University of California in Los Angeles. He joined the University of Manitoba in 1967.

Wednesday, October 17 session.

## The Robert Charles Armatage Award

The Robert Charles Armatage Award is given annually by the University of Manitoba Students' Union to a student who is exceptionally involved in student affairs and university governance.

**RAED JOUNDI**

Raed Joundi represented and advocated on behalf of students' issues during his undergraduate years. He was secretary of the St. Paul's College Students' Association, represented the college on the board of the University of Manitoba Students' Union (UMSU) and served on its student group promotion and affairs committee. He was also a member of the university Senate committee for instruction and evaluation, and an orientation leader for University 1 students. In addition to his activities within the university he was part of the local Amnesty International chapter as child rights director and the World University Services of Canada.

Joundi earned a number of scholarships. These include the entrance Leader of Tomorrow Scholarship, the Chancellors Scholarship, the Morton Stall Memorial Scholarship, and the Isbister Scholarship in University 1. He



graduated at spring convocation with his bachelor of science degree and is currently enrolled at Queen's University School of Medicine.

Wednesday, October 17 session.

The Centre for Professional and Applied Ethics  
and The Labour Studies Program

The Possibility of a Global  
Ethics?

PROFESSOR JEFF NOONAN

- University of Windsor, Department of Philosophy
- author of: *Human Needs and Democratic Society and Critical Humanism and the Politics of Difference*

Friday, 26th October, 2007, 12:30 to 1:30 p.m.  
Private Dining Room, University College.

Everyone welcome.





## Bison Sports

### FOOTBALL

**Oct. 20** – Regina at Manitoba, University Stadium, 1 p.m.  
**Nov. 3** – Canada West Semi-Final, Time and Location TBA.

### MEN'S HOCKEY

**Oct. 26** – Alberta at Manitoba, Max Bell, 7 p.m.  
**Oct. 27** – Alberta at Manitoba, Max Bell, 7 p.m.

### WOMEN'S HOCKEY

**Nov. 2** – Regina at Manitoba, Max Bell Centre, 7 p.m.  
**Nov. 3** – Regina at Manitoba, Max Bell Centre, 7 p.m.

### WOMEN'S SOCCER

**Nov. 1-4** – Canada West Playoffs, Time and Location TBA.

### MEN'S VOLLEYBALL

**Oct. 18** – Dalhousie vs. Manitoba, Dakota Collegiate, 7 p.m.  
**Oct. 19** – Dalhousie at Manitoba, Investors Group, 7 p.m.  
**Oct. 20** – Dalhousie at Manitoba, Investors Group, 7 p.m.  
**Nov. 2** – Winnipeg at Manitoba, Investors Group, 8 p.m.  
**Nov. 3** – Manitoba at Winnipeg, 5:30 p.m.

### WOMEN'S VOLLEYBALL

**Oct. 26** – Regina at Manitoba, Investors Group, 5 p.m.  
**Oct. 27** – Regina at Manitoba, Investors Group, 5 p.m.  
**Nov. 2** – Winnipeg at Manitoba, Investors Group, 6 p.m.  
**Nov. 3** – Manitoba at Winnipeg, 7 p.m.

### MEN'S BASKETBALL

**Oct. 26** – Applebee's Alumni vs. Royal Military College, Investors Group, 7:30 p.m.  
**Oct. 27** – Applebee's Alumni vs. Royal Military College, Investors Group, 7:30 p.m.  
**Nov. 1** – Manitoba at Winnipeg, 8 p.m.  
**Nov. 3** – Winnipeg at Manitoba, Investors Group, 8 p.m.

### WOMEN'S BASKETBALL

**Nov. 1** – Manitoba at Winnipeg, 6 p.m.  
**Nov. 3** – Winnipeg at Manitoba, Investors Group, 6:15 p.m.

### CROSS COUNTRY

**Oct. 20** – Manitoba Championships, Manitoba, Time TBA.

### TICKET INFORMATION

Single Game  
 Adults: \$8  
 Students: \$5  
 12 and under: free

Season pass  
 Packages available

Tickets available at all Bison home games, Frank Kennedy, Max Bell Equipment Desk.

[umanitoba.ca/bisons/](http://umanitoba.ca/bisons/)

Advertise in  
**The Bulletin**  
 For details call 474 8111

# Events Listing

University of Manitoba

## Let's Take Our Kids To Work

The University of Manitoba is throwing out the welcome mat for Grade Nine students participating in Take Our Kids To Work Day on Nov. 7.

Take Our Kids To Work Day is a national initiative that helps students get a taste of the working world and, ideally, learn a little more about what their parents, relatives or family friends do for a living.

"We've always participated in Take Our Kids To Work Day and had students on campus job shadowing a parent, relative, friend or volunteer," students services executive director Lynn Smith said. "But this year we wanted to do something more that would capture the spirit of the day, welcome students to the university and help them make their way around the campuses safely."

To that end, the university is giving students the option of taking part in their usual job shadowing or blending that job shadowing with a program of special events at the university.

There will be an orientation meeting in the morning for students and from there they'll have a chance to go on tours of places such as the Cretaceous Menagerie, play games or head back to the workplace.

"We hope the students have an exciting day and that there's enough flexibility to work for everyone," Smith said.

To help organize the day at the Fort Garry campus, the university is requesting that parents or relatives register their students.

People can register online at [umanitoba.ca/takeourkidstowork/](http://umanitoba.ca/takeourkidstowork/). There will also be a full schedule of events and information post at the website.



File Photo

Last year, Grade 9 students were busy on campus at a range of jobs, including preparing envelopes for development and advancement services.

### THURSDAY, OCTOBER 18

**Architecture**, Design for the Other 90 per cent by Cynthia E. Smith, curator, Smithsonian's Cooper-Hewitt, National Design Museum, Gas Station Theatre, 445 River Ave., 7 p.m., Thursday, Oct. 18.

**Book Launch**, A Glowing Dream: A Memoir by Roland Penner, with a foreword by the Hon. Howard Pawley P.C., McNally Robinson, Grant Park Mall, 8 p.m., Thursday, Oct. 18.

### FRIDAY, OCTOBER 19

**Anthropology**, People of Min: Recent Work of the Akhmim Mummy Studies Consortium by Jonathan Elias, Akhmim Mummy Studies Consortium, 409 Tier Building, 10 a.m., Friday, Oct. 19.

**This Lunch Hour has 33 Minutes**, Improving Success in Science and Math: Collaboration is Key by Gordon Robinson, biological sciences, director, University of Manitoba CRYSTAL Program, Private Dining Room, The University Club, Pembina Hall, 12 p.m., Friday, Oct. 19.

**Anthropology**, Early Period Archaeology in Gwaii Haanas National Park Reserve and Haida Heritage Site by Martin Magne, Parks Canada, 402 Tier Building, 2:30 p.m., Friday, Oct. 19.

**Chemistry**, Mass Spectrometry for the Biochemist by Lynda Donald, department of chemistry, 539 Parker Building, 2:30 p.m., Friday, Oct. 19.

**Economics**, Title TBA by Jennifer Stewart, Carleton University, 307 Tier Building, 2:40 p.m., Friday, Oct. 19.

## Fort Garry Campus

**Psychology**, Behavioral interventions for autism: Which approach, for which children, with what resources? by Philip Hine, psychology, Temple University, P412 Duff Roblin Building, 3 p.m., Friday, Oct. 19.

### SUNDAY, OCTOBER 21

**T.G. Hamilton Lecture**, Phone Calls from Beyond by Mark Macy, author and researcher in ITC, or Instrumental Trans-communication, the use of equipment to get information from the worlds of spirit in the form of voices, images and text, The Great Hall, University College, 7:30 p.m., Sunday, Oct. 21.

### TUESDAY, OCTOBER 23

**Entomology**, The Origins of Family Conflict by Scott Forbes, biology, University of Winnipeg, 220 Animal Science/Entomology Building, 10 a.m., Tuesday, Oct. 23.

**High Performance Computing**, Computational Challenges in Sensorimotor Biology by Dinesh K. Pai, department of computer science, University of British Columbia, E2-568 Engineering and Information Technology Centre, 1:30 p.m., Tuesday, Oct. 23.

**Psychology**, The value of values by Shalom Schwartz, department of psychology, Hebrew University of Jerusalem, P412 Duff Roblin Building, 3 p.m., Tuesday, Oct. 23.

**Hanley Memorial Lecture Series**: Islam and the Challenge of Peace, Islam, Violence and State Terror by Rashied Omar, research scholar of Islamic Studies and Peacebuilding from the Joan B. Kroc Institute for International Peace Studies, Hanley Hall, St. Paul's College, 1 p.m., Monday, Oct. 22.

**Hanley Memorial Lecture Series**: Islam and the Challenge of Peace, Opportunities and Challenges for Islamic Peacebuilding after September 11 by Rashied Omar, Research Scholar of Islamic Studies and Peacebuilding from the Joan B. Kroc Institute for International Peace Studies, Fr. Jensen Theatre, St. Paul's College, 7 p.m., Monday, Oct. 22.

**International Centre**, Reconciliations and Reconstruction in northern Uganda by Marcie Blanche Onyut, program manager, CPAR Gulu, northern Uganda, 543-544 University Centre, 3 p.m., Monday, Oct. 22.

### TUESDAY, OCTOBER 23

**High Performance Computing**, Computational Challenges in Sensorimotor Biology by Dinesh K. Pai, department of computer science, University of British Columbia, E2-568 Engineering and Information Technology Centre, 1:30 p.m., Tuesday, Oct. 23.

**Psychology**, The value of values by Shalom Schwartz, department of psychology, Hebrew University of Jerusalem, P412 Duff Roblin Building, 3 p.m., Tuesday, Oct. 23.

Events continue on Page 10.

• The Bulletin publishes events involving the university community.

• E-mail events to [barbourd@ms.umanitoba.ca](mailto:barbourd@ms.umanitoba.ca) or fax, 474 7631.

• The deadline for the Nov. 1 Bulletin is Oct. 24 at 4:30 p.m.

## Bannatyne Campus

AND ST. BONIFACE RESEARCH CENTRE

*Medical rounds are typically targeted at university staff and professionals directly involved in the medical field.*

### THURSDAY, OCTOBER 18

**Immunology Research Seminar**, Neuronal death in neurodegenerative diseases: the BNP3 pathway by Jiming Kong, human anatomy and cell science, 604/605 Basic Medical Sciences Building, 12 p.m., Thursday, Oct. 18.

### FRIDAY, OCTOBER 19

**Community Health Sciences**, The Recognition of Industrial Disease: Social, Economic and Political Dimensions by Richard Rennie, sessional lecturer, labour and workplace studies program, Dr. Betty Havens Seminar Room, R060 Medical Rehabilitation Building, 12 p.m., Friday, Oct. 19.

**Medical Microbiology**, The Needle In The Haystack: Global Responses To Virus Infection by Kevin Coombs, professor, medical microbiology, University of Manitoba, Pharmacology Library A229 Chown Building, 9 a.m., Friday, Oct. 19.

### WEDNESDAY, OCTOBER 24

**Manitoba Institute of Cell Biology**, Molecular and Genetic Bio-Markers in Chronic Lymphocytic Leukemia An Opportunity for Innovative Therapy by Michael Grever, associate dean for medical services, The Ohio State University, professor of internal medicine & pharmacology, CCMB Lecture Theatre ON 2134, 675 McDermot Ave., 12 p.m., Wednesday, Oct. 24.

**Obstetrics, Gynecology and Reproductive Sciences**, Why We Don't Iron Pants In The OR . . . by Jennifer Hunt, Pgy-4 Ob/Gyn resident, Theatre A Basic Medical Sciences Building, 7:45 a.m., Wednesday, Oct. 24. Webcast at [www.umanitoba.ca/womens\\_health/](http://www.umanitoba.ca/womens_health/)

### THURSDAY, OCTOBER 25

**Pediatric Grand Rounds**, The Perfect Storm – convergence of inflammation, renal disease and diabetes in First Nation's Youth by Malcolm Ogborn, director of research, Manitoba Institute of Child Health, Inc, professor and associate head (research), department of pediatrics and child health, Theatre A, Basic Medical Sciences Building, 8 a.m., Thursday, Oct. 25.

### FRIDAY, OCTOBER 26

**Community Health Sciences**, Diabetes-related Foot Complications and Amputations in a Manitoba First Nations Community: A Systems Approach to Prevention by Dhiwya Attawar, MSc student, department of community health sciences, Dr. Betty Havens Seminar Room R060 Medical Rehabilitation Building, 12 p.m., Friday, Oct. 26.

**Statistics Research Seminar**, Permanents, Order Statistics, Outliers, and Robustness by N. Balakrishnan, department of mathematics and statistics, McMaster University, 316 Machray Hall, 2:30 p.m., Friday, Oct. 26.

### MONDAY, OCTOBER 29

**National Training Program in Allergy and Asthma**, The Beta-catenin/GSK-3 signalling axis in airway smooth muscle by Reinoud Gosens, University of Groningen, The Netherlands, Immunology Library 604/605 Basic Medical Sciences Building, 2:30 p.m., Monday, Oct. 29.

### Infectious Diseases and Medical Microbiology

The view from there - A collection of unusual cases from an exotic place by Philippe Lagacé-Wiens, 540 Basic Medical Sciences Building, 9 a.m., Monday, Oct. 29.

### Infectious Immunology Research Interest Group Research Day 2007

Infections, Immunity and Therapy with invited speakers Naren Chirmule (Amgen) and Volker Gerdtz (VIDO), Monday, Oct. 29. The IIRIG is a grass roots collection of researchers with an interest in the immunology of infectious agents. For more information on the Research Day, visit the department of immunology website: [www.umanitoba.ca/faculties/medicine/units/immunology/](http://www.umanitoba.ca/faculties/medicine/units/immunology/).

### TUESDAY, OCTOBER 30

**Human Anatomy and Cell Science**, Testicular hormonal function: from basal research to clinical applications by Dimitrios Goulis, endocrinologist, unit of reproductive endocrinology, first department of obstetrics and gynecology, Aristotle University of Thessaloniki, Papageorgiou General Hospital, Greece, Theatre C Basic Medical Sciences Building, 12 p.m., Tuesday, Oct. 30.

### THURSDAY, NOVEMBER 1

**School of Medical Rehabilitation Visiting Professor**, Incorporating Evidence into Everyday Practice by Mary Law, professor and associate dean (health sciences) rehabilitation science, associate member, department of clinical epidemiology and biostatistics, co-founder of CanChild Centre for Childhood Disability Research, McMaster University, John and Margaret Lillie Chair in Childhood Disability Research, Theatre A Basic Medical Sciences Building, 12 p.m., Thursday, Nov. 1.

### MONDAY, NOVEMBER 5

**National Training Program in Allergy and Asthma Literature Review Series**, The Hygiene Hypothesis by Kamran Kadhoda and Epigenetics and allergic diseases by Ruey Su, Immunology Library 604/605 Basic Medical Sciences Building, 2:30 p.m., Monday, Nov. 5.

## Mainframe party postponed

The University of Manitoba's mainframe computer will have its funeral another day.

The New Orleans style jazz funeral set to mark the end of the computer's years of service with the university has been postponed from Oct. 19 to a later date.

## Arts & Entertainment

### ELIZABETH DAFOE LIBRARY

Elizabeth Dafoe Library is hosting a traveling exhibit of prize-winning books, selected for the 2006 Alcuin Society Book Design Awards.

### GALLERY ONE ONE ONE

Gallery One One One is located on the main floor of the FitzGerald Building. It is open Monday to Friday, noon to 4 p.m.

### FITZGERALD IN CONTEXT

October 11 to November 9

Gallery One One One is located in the FitzGerald Building at the University of Manitoba School of Art, named after Lionel LeMoine FitzGerald. It houses the FitzGerald Study Collection of archival materials about and art by the artist. For this show Marilyn Baker, a senior art historian at the University of Manitoba, will bring together photographic and archival documentation of FitzGerald's life with works by FitzGerald and his associates, including some student works.

### THE BLACK HOLE THEATRE

The Black Hole Theatre is located in the lower level of University College. For tickets call 474 6880.

### LANDSCAPE OF THE BODY

by John Guare

Nov 13-17, 20-24

John Guare (The House of Blue Leaves, Bosoms and Neglect, Six Degrees of Separation) is one of America's leading practitioners of dark comedy. Framed as a murder investigation, the play tells the story of Betty Yearn, a woman so preoccupied by her obsession with celebrity that she loses touch with herself and with her neglected son, who is murdered and decapitated. By her? Possibly. Funny? Absolutely. Warning: Language, flying body parts. Directed by Jennette Heinrichs.

### THE UNIVERSITY COLLEGE LUNCH B.H.A.G.G. SERIES:

The University College Lunch B.h.a.g.g. Series presents a selection of short plays at noon. Admission is free and you can bring your lunch. There is one evening performance on Wednesdays at 7:30 p.m. (\$1 admission).

### MOTIFS AND REPETITIONS

by C. E. Gatchalian

October 16 to 18

This plays uses a unique musical structure to reveals it's characters and their relationships with each other.

## Faculty of Music

The Faculty of Music hosts recitals and performances at Eva Clare Hall, located within the Faculty of Music building on Dafoe Road. Recitals and events are free unless otherwise noted.

### Music events

• Wind Ensemble, Great Hall University College, 7:30 pm., Friday, Oct. 19.  
 • Mozart's Requiem, Westminster United Church, 745 Westminster Ave. 2:30 p.m., Sunday, Oct. 21.

## ARCHITECTURE II GALLERY

Main Floor, Architecture II Building. Gallery hours are Monday to Friday, 8:30 a.m. to 4:30 p.m.

### UNCERTAINTY MARKERS

MARQUEURS D'INCERTITUDE

October 11 - November 9

UNCERTAINTY MARKERS is a title for a series of drawing machines that generate complex and surprising drawings. These installations take their names from insects, cockroach, spider, dragonfly, because of their animals or insects like behaviour or motion. The traction part of the machines is made of two motors mounted on the top of the wall, the motors act as mini-winch, lifting a drawing device made out of a metal rings, steel wires, graphite and rubber. The exhibition owes its creation to Jean-Pierre Gauthier who was born in Matane in 1965 and has lived and worked in Montréal since 1986. He earned an M.F.A. from the Université du Québec à Montréal in 1995, and has exhibited widely in Québec, across Canada, and in the United States and Europe.

## Retirees gather on Oct. 20

The 23rd President's Reception for Retirees will be held on Saturday, Oct. 20 in Marshall McLuhan Hall, 204 University Centre, Fort Garry Campus. The event begins at 2 p.m.

The guest speaker is Allan Ronald, who has recently retired from the department of medical microbiology, Faculty of Medicine, University of Manitoba.

Following Ronald's address,

president Emöke Szathmáry will bring those in attendance up to date on happenings at the university. Refreshments will be served after the presentations.

Retirees, spouses and survivors of retirees are all welcome to attend this event. Attendees are asked to RSVP to Linda Lassman at 474 9124 or e-mail her at [linda\\_lassman@umanitoba.ca](mailto:linda_lassman@umanitoba.ca) by Oct. 12.



# Events Listing

Continued from Page 8

## WEDNESDAY, OCTOBER 24

**The Clayton H. Riddell Faculty of Environment, Earth, and Resources.** The Important Precipitation Near 0°C by Ronald Stewart, NSERC Industrial Research Chair in Extreme Weather, department of atmospheric and oceanic sciences, McGill University, 218 Wallace Building, 2:30 p.m., Wednesday, Oct. 24.

**Research, Framing Our Direction:** From Strategic Plan to Action Plan at SSHRC by Chad Gaffield, president of the Social Sciences and Humanities Research Council of Canada (SSHRC), Moot Court, 200B Robson Hall, 2:30 p.m., Wednesday, Oct. 24.

**Education Distinguished Lecture, We Are All Treaty People** by Dennis White Bird, Treaty Relations Commissioner of Manitoba, 224 Education Building, 7:30 p.m., Wednesday, Oct. 24.

## THURSDAY, OCTOBER 25

**John Adair International Lecture In Psychology.** Cultural value orientations: Nature and implications of national differences by Shalom Schwartz, department of psychology, Hebrew University of Jerusalem, P412 Duff Roblin Building, 3 p.m., Thursday, Oct. 25

**Advanced Plant Science,** Manipulation Biosynthesis of Aliphatic Glucosinolates in Brassica Crops and Arabidopsis Through Gene Replacement and RNAi Gene Silencing Zhixia Niu, PhD Student, plant science, Carolyn Sifton Lecture Theatre Agriculture Building, 3 p.m., Thursday, Oct. 25.

## FRIDAY, OCTOBER 26

**Richardson Centre for Function Foods and Nutraceuticals Seminar,** Is Inflammatory Bowel Disease a Polymicrobial Disorder by Denis Krause, associate professor, departments of animal science and medical microbiology, Richardson Centre for Function Foods and Nutraceuticals Seminar Main Lecture Theatre, 196 Innovation Drive, 10 a.m., Friday, Oct. 26.

**Elizabeth Dafeo Library Graduate Student Lectures,** Canadian Military Law During the Great War by Marc-Andre Hemond, history, Iceland Board Room, 12:30 p.m., Friday, Oct. 26.

**The Centre for Professional and Applied Ethics and The Labour Studies Programme,** The Possibility of a Global Ethics? by Jeff Noonan, department of philosophy, University of Windsor, Private Dining Room, University College, 12:30 p.m., Friday, Oct. 26.

**Chemistry,** Environmental Chemistry of Mercury: Molecular to Global Scales by Fei Wang, department of chemistry, 539 Parker Building, 2:30 p.m., Friday, Oct. 26.

**James A. Jackson Memorial Lecture,** Imposing a Norm, Measuring the Differences: Science, Sex and Empire in the Nineteenth Century by Phillipa Levine, professor of history, University of Southern California, Cross Common Room, St. John's College, 3:30 p.m., Friday, Oct. 26.

**Physics and Astronomy,** Outflows from Quasars by Patrick Hall, department of physics, York University, 330 Allen Building, 3:30 p.m., Friday, Oct. 26.

## SUNDAY, OCTOBER 28

**History and Culture From Bones,** Anthropology research Reports from the University of Winnipeg with Michael MacKinnon, Chris Meiklejohn and Mirjana Roksandic, 237 University College, 3 p.m., Sunday, Oct. 28.

## TUESDAY, OCTOBER 30

**Entomology,** Whence came you, sir? & Whither wander you? The epidemiology of Fusarium head blight by Jeannie Gilbert, Cereal Research Centre-Agriculture & Agri-Food Canada, 220 Animal Science/Entomology Building, 10 a.m., Tuesday, Oct. 30.

**Human Nutritional Sciences Graduate Seminar Presentation,** Alternative coagulants in modern cheese making: the case for Australian thistle plant by Samson Agboola, Senior Lecturer, School of Wine and Food Sciences, Charles Sturt University, Wagga Wagga, NSW, Australia, (Agboola is currently a visiting research scientist with the department of human nutritional sciences.), Room 207 Human Ecology Building, 3 p.m., Tuesday, Oct. 30.

## THURSDAY, NOVEMBER 1

**Advanced Plant Science,** University Assisted Plant Breeding: Bringing the Farmers Back by Steven Jones, Washington State University, Carolyn Sifton Lecture Theatre Agriculture Building, 3 p.m., Thursday, Nov. 1.

**Education,** Joan Irvine Lecture on Teacher Education by Anne Phelan, associate professor, The University of British Columbia, 224 Education Building, 7:30 p.m., Thursday, Nov. 1.

## FRIDAY, NOVEMBER 2

**Psychology PhD Oral Examination,** Obesity Stigma Reduction by Teressa A. Grosko, P412 Duff Roblin Building, 11:30 a.m., Friday, Nov. 2.

**Mathematics Graduate Student Seminar,** Modeling Microtubule Dynamics by Simon Karuku, 418 Machray Hall, 2:30 p.m., Friday, Nov. 2.

**John P. Zubek Memorial Lecture,** The selfish goal by John Bargh, department of psychology, Yale University, Moot Court Room Robson Hall, 3 p.m., Friday, Nov. 2.

**Physics and Astronomy,** Self-Consistent Field Theory of One- and Two-Component Lipid Bilayers by Mark Whitmore, Dean, Faculty of Science, 330 Allen Building, 3:30 p.m., Friday, Nov. 2.

## THURSDAY, NOVEMBER 8

**Fifth Annual Sol Kance Lecture on Peace and Justice,** The Politics of Human Beings Against Mother Earth: The Nature of Global Warming by Oren Lyons, traditional Faithkeeper and Chief of the Turtle Clan of the Onondago Nation of New York State and is a professor of Native American Studies at the University of Buffalo, The State University of New York, Manitoba Room, University Centre, 1:30 p.m., Thursday, Nov. 8.

## ACADEMIC JOB OPPORTUNITIES

A full listing of employment opportunities at the University of Manitoba can be found at [www.umanitoba.ca](http://www.umanitoba.ca)

The University of Manitoba encourages applications from qualified women and men, including members of visible minorities, Aboriginal peoples, and persons with disabilities. All qualified candidates are encouraged to apply; however Canadians and permanent residents will be given priority. Please include the position number when applying for openings at the university.

### FACULTY OF ARCHITECTURE Department of Landscape Architecture

**Position:** Assistant professor  
**Start date:** July 1, 2008  
**Salary:** Commensurate with qualifications and experience  
**Application deadline:** Jan. 7, 2008  
**Position number:** 06915  
**For Information:** Professor Ted McLachlan, chair of department of landscape architecture search committee, Faculty of Architecture, University of Manitoba, Winnipeg, MB, R3T 2N2, phone 474 9692, fax 474 7532, e-mail [tmlach@cc.umanitoba.ca](mailto:tmlach@cc.umanitoba.ca).

### FACULTY OF ARTS

**Department of Political Studies**  
**Position:** Assistant professor in Canadian politics  
**Start date:** July 1, 2008  
**Salary:** Commensurate with qualifications and experience  
**Application deadline:** Dec. 4  
**Position number:** 06684  
**For Information:** Dr. George A. MacLean, a/head, department of political studies, University of Manitoba, Winnipeg, MB, R3T 5V5, e-mail [maclean@cc.umanitoba.ca](mailto:maclean@cc.umanitoba.ca)

**Department of Sociology**  
**Position:** Assistant professor in the area of quantitative research methods  
**Start date:** July 1, 2008  
**Salary:** Commensurate with experience and qualifications, but this is an entry-level position  
**Application deadline:** Nov. 26  
**Position number:** 06729  
**For Information:** Dr. R. Kueneman, Chair, Quantitative Research Methods Hiring Committee, 318 Isbister Building, University of Manitoba, Winnipeg, MB, R3T 2N2, phone 474 6501, e-mail [Rod\\_Kueneman@umanitoba.ca](mailto:Rod_Kueneman@umanitoba.ca).

### FACULTY OF KINESIOLOGY AND RECREATION MANAGEMENT

**Position:** Instructor 1, for the period November 1, 2007 to June 30, 2010.  
**Application deadline:** Oct. 31  
**Position number:** 06802  
**For Information:** Dr. Elizabeth Ready, associate dean (academic), Faculty of Kinesiology and Recreation Management, The University of Manitoba, Winnipeg, MB, R3T 2N2.

### FACULTY OF SCIENCE

**Department of Microbiology**  
**Position:** Assistant professor in molecular environmental microbiology  
**Start date:** July 1, 2008  
**Salary:** Commensurate with qualifications and experience  
**Application deadline:** Dec. 15  
**Position number:** 06864  
**For Information:** Dr. P. Loewen, department of microbiology, University of Manitoba, Winnipeg, MB, R3T 2N2, phone 474 8334, e-mail [Peter\\_Loewen@umanitoba.ca](mailto:Peter_Loewen@umanitoba.ca).

**Department of Microbiology**  
**Position:** Instructor Position  
**Start date:** July 1, 2008  
**Salary:** Commensurate with qualifications and experience  
**Application deadline:** Dec. 15  
**Position number:** KG769  
**For Information:** Dr. P. Loewen, department of microbiology, University of Manitoba, Winnipeg, MB, R3T 2N2, phone 474 8334, e-mail [Peter\\_Loewen@umanitoba.ca](mailto:Peter_Loewen@umanitoba.ca).



## CENTRE ON AGING RESEARCH FELLOWSHIPS 2008-2009

**Deadline for Applications: November 15, 2007**

The Centre on Aging invites applications for Research Fellowships for the 2008-2009 academic year from University of Manitoba faculty members. The Centre on Aging conducts, stimulates and promotes research on aging, provides an interdisciplinary focus for the research activities in aging at the universities in Manitoba, and supports the teaching of students in aging. The Centre serves as the focal point for the integration and dissemination of research on aging in Manitoba.

The Centre on Aging Research Fellowship is designed to support aging-related research in any discipline. The Research Fellowship is open to all University of Manitoba faculty and consists of a \$10,000 stipend. The stipend will typically be used for teaching release, as a research grant for costs directly related to the proposed research project, or as a combination of teaching release and research grant funds.

Prospective applicants are encouraged to contact the Director for further information (474-8754).

## CLASSIFIED ADS

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# Research News

[umanitoba.ca/research](http://umanitoba.ca/research)

## Lake doctor makes regular housecalls

BY SEAN MOORE  
Research Promotion

If Manitoba's biggest lakes were medical patients, Lake Winnipeg would be hospitalized and in need of immediate attention, and Lake Manitoba would be advised to have regular check-ups.

That's how Delta Marsh Field Station director Gordon Goldsborough, biological sciences, views the current ecological situation facing two of the world's largest lakes. The aquatic ecologist has paid particular attention to Lake Manitoba, which has not – yet – experienced the regular, devastating algal blooms that currently afflict Lake Winnipeg.

"There's not nearly enough attention paid to Lake Manitoba," he said.

Indeed, if it weren't for Goldsborough's lab, which, since 1991, has been collecting monthly samples from Lake Manitoba's south basin (when it's not frozen), on behalf of Provincial laboratories, only feeble 1960s data would exist.

"If we learned anything from Lake Winnipeg, it would be that it should have been studied long ago so we could have a baseline to see how much it has changed," Goldsborough said.

Lake Manitoba, with its maximum depth of about seven meters, is the world's shallowest large lake, so it lacks the toxin-diluting ability of its deeper



Gordon Goldsborough monitors the health of Lake Manitoba's aquatic ecosystem.

brethren. What's more, it faces the same threats Lake Winnipeg contends with – cottage and farm developments around it and nutrient-laden rivers flowing into it.

But these threats are unfolding on a smaller, slower scale for Lake Manitoba, and that's why it hasn't shown drastic changes. However, Goldsborough notes, "that doesn't mean it won't. It will inevitably; it's just a few years in coming."

Three years ago, Goldsborough's lab began collecting samples from 16

sites on and around the lake, as well as measurements of temperature and turbidity. The preliminary results show levels of phosphorous – a driver of algal growth – and nitrogen have increased, but, surprisingly, salinity has decreased.

Technically, Lake Manitoba is not a freshwater lake. Don't think of it as a salty sea either, though. Pure water does not conduct electricity. But the saltier the water, the better it conducts. Conductivity is measured in microSiemens per centimeter

( $\mu\text{S}/\text{cm}$ ) and freshwater begins at 500  $\mu\text{S}/\text{cm}$  and gets fresher as the number decreases. In the early 1990s Goldsborough measured 1800  $\mu\text{S}/\text{cm}$  in Lake Manitoba. In the early 2000s, it was 1400  $\mu\text{S}/\text{cm}$ .

When it drops to 1000  $\mu\text{S}/\text{cm}$  it's suitable for irrigation, and there's the rub. The Portage Diversion, which diverts snowmelt from the Assiniboine River into the lake, will further lower salinity levels and consequently, Goldsborough reckons, provide an impetus to keep the water flowing so farmers can use it. But upstream, phosphorus and nitrogen compounds have leached off farmland into the river and will be carried to the lake, posing major problems for the ecosystem.

Obviously, preventing nutrients from getting into the river would be the ideal solution, and Goldsborough is working with soil scientists on this.

But even if nutrient leaching ceased today, the contaminants would linger for years. Goldsborough notes that residence time for a single water molecule in the north basin is believed to be 2 years, and in the slower churning south basin it's 20 years.

"So there is no magic bullet that you can fire and the problem is gone. It's going to require long-term changes in the way people do things. I guess the question comes down to, 'how much do you value water?'"

## Showcasing undergraduate research

BY SEAN MOORE  
Research Promotion

Research on mosquito RNA was up against a study investigating the hemoglobin of the Mammoth at the second annual Student Poster Competition.

Over the summer months 54 undergraduate students conducted research in one of three scientific fields – applied, biological and physical – to discover facts about nature and perhaps even their passion for research, to learn about the research process, and to get a chance to win some money.

"They can really feel what's it's like to be a scientist," judge and biological sciences professor David Bird said. "This helps gets students more excited about becoming a scientist because they feel a sense of accomplishment, and they get excited when people compliment them on their experimental designs."

On October 5, the research posters were reviewed by 15 judges drawn from the university community, industry and the Natural Sciences and Engineering Research Council of Canada (NSERC) Prairies Regional Office in Winnipeg. Prizes of \$500, \$300, and \$200 were awarded to the top three posters in each category.

This year's first prize winner in the applied sciences category was engineering student Martin Noel for his project, "High Strength Concrete in Prestressed Prisms: A New Concept for Reinforced Concrete."

Science student Jason Roberts took top honours in the biological sciences category for his project, "Resurrecting Functional Mammoth Hemoglobin Using Ancient DNA."

In the physical sciences category, science student Veena Agrawal won first prize for her project, "Disease Brain Tissue by Synchrotron FTIR Spectromicroscopy."

The competition, sponsored by The Office of the Vice-President (Research) and NSERC, provides opportunities for undergraduates to get exposure to, and gain an appreciation of, research.

"We host the competition to raise awareness about research in the undergraduate community and to enhance the students' learning by getting them involved," said event organizer Digvir Jayas, associate vice-president (research) at the University of Manitoba. "Holding this competition gets this message out that there is another side to being a student – you can learn in the classroom but you can



Engineering student Martin Noel won first place in the Applied Science category at the second annual Undergraduate Poster Competition.

also learn by doing research."

Indeed, Noel said he enjoyed applying the theories he learned into a tangible and practical application.

"I definitely recommend research to anyone who is interested," he said. "I'm planning to keep doing it. Doing research as an undergrad is probably the best way to figure out if it's something you want to pursue after you graduate."

This was the second time University of Manitoba undergraduate research assistants were invited to present their NSERC-funded projects. The annual event provides an opportunity for members of the university community, industry and the general public to see the relevance, value and outstanding caliber of research being conducted by our undergraduates.

Research News is Published by the Office of the Vice-President (Research) Comments, submissions and event listings to: [stefaniu@ms.umanitoba.ca](mailto:stefaniu@ms.umanitoba.ca) Phone: (204) 474-9020 Fax (204) 261-3475

# Bringing Research To Life



# Looking left for hope in Sri Lanka

## Books by University Staff

BY DALE BARBOUR  
The Bulletin

The answers to Sri Lanka's challenges may lie in its past.

In his new book, *Theorizing the National Crisis: Sanmugathason, the Left and the Ethnic conflict in Sri Lanka*, history professor Ravi Vaitheespara taps the writings and thinking of this small South Asian nation's left wing political leaders from the 1950s to the present to consider what they have to offer for the serious challenges facing Sri Lanka today.

"I'm looking at the issue through some of the most well known communist leaders as they tried to theorize on why Sri Lanka couldn't get its act together," Vaitheespara said.

Sri Lanka declared its independence from Great Britain in 1948 and the conflict in question appears to be only escalating since the major riots against the Tamil minority in 1983. It is typically considered as an ethnic conflict with the Sinhalese supported government of Sri Lanka in conflict with the Tamil minority.

"Despite concerns raised by the United Nations over human rights violations and the pull back of some foreign aid funding, the government appears determined to continue this costly war," Vaitheespara said.

"About 100,000 people have been killed according to conservative estimates and millions have been displaced," Vaitheespara said. Canada has felt the impact of the conflict directly through a rising number of immigrants: from a resident population of just a few thousand in the 1970s, Canada is now home to over 200,000 predominantly Tamil people from Sri Lanka – making them the second largest South Asian community in Canada.

Meanwhile, the conflict itself has been recast by

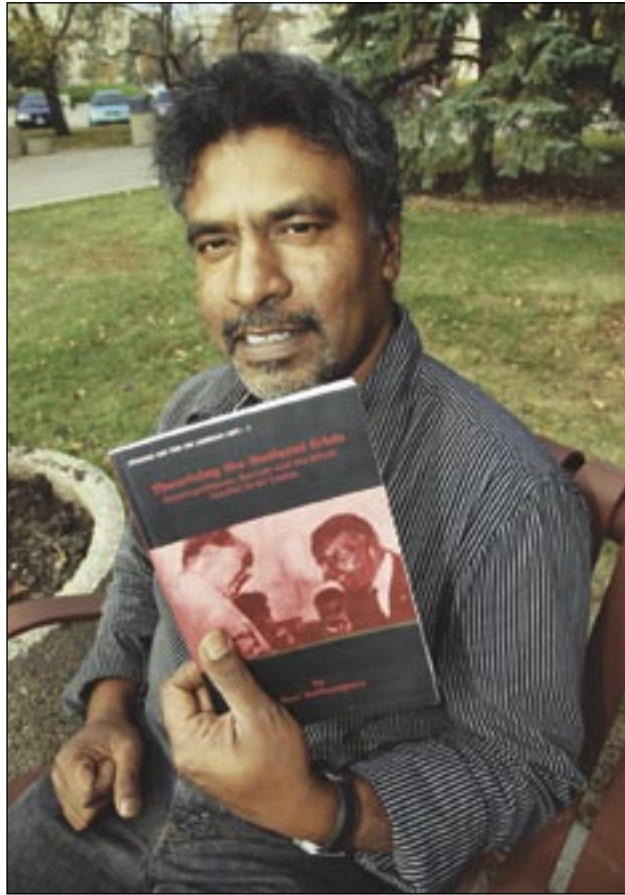


Photo by Dale Barbour

History professor Ravi Vaitheespara mines the past for thoughts on Sri Lanka's present in his new book *Theorizing the National Crisis: Sanmugathason, the Left and the Ethnic Conflict in Sri Lanka*.

the Sri Lankan government to appeal to the broader War on Terror. Keeping with this turn, what is being promoted is a military solution rather than a political solution, despite rhetoric to the contrary from both sides in the conflict.

"It is in that context that I've tried to research and recall how the left attempted to engage with and resolve

this conflict," Vaitheespara said. "They tried to take a non ethnic, non partisan line."

Perhaps that's not surprising: as Marxists the left wing thinkers tended to theorize in terms of class loyalty, rather than ethnic loyalty. In contrast, the supporters of the country's liberal democratic system, based on the British parliamentary system, thought in terms of winning a majority in parliament as the route towards governance. In Sri Lankan terms, the quickest route to a parliamentary victory was to appeal to the majority community. As the introductory note explains that it is in such a situation that "ethnicity trumped class."

This politics of majoritarianism was evident in the introduction of the one language policy, "the Sinhala Only Bill" in 1956. In the ensuing debate in parliament, it was the left that argued passionately against the impending "Sinhala Only Bill," by declaring, "One language two nations and two languages one nation," Vaitheespara said.

"This tendency of the left to mediate between the two communities has largely been forgotten," he added.

The book has been published as part of Studies on the Sri Lankan Left series, by the Social Scientists' Association, Sri Lanka. The work consists of two long research papers, One traces the thinking of Tamil left leaders as they grappled with the ethnic question against the background of an escalating conflict and the other looks at the writings on the ethnic conflict of one of the most prominent trade unionist and Communist party leader in Sri Lanka, N. Sanmugathasan.

For Vaitheespara, understanding why postcolonial Sri Lanka became divided on ethnic grounds is part of a broader challenge of understanding the process of decolonization of many former colonized territories. He is particularly interested in the question of why despite their promise of liberation so many anti-colonial nationalist movements have foundered as a result of intolerant nationalisms, be it the majoritarian or minoritarian variety. Ravi Vaitheespara is also co-founder of the Postcolonial South Asian and African Studies Group at the University of Manitoba.

# We're chipping away at climate change

Last year, with the help of a grant from the Waste Reduction and Pollution Prevention Fund of Manitoba Conservation, physical plant acquired a woodchipper to reduce the amount of wood waste sent to the landfill. However, besides diverting 32 metric tonnes of wood waste and producing volumes of useful mulch for the University grounds, the chipper also helped avoid thousands of pounds of greenhouse gases.

"When we first acquired the woodchipper, we were thinking mainly of the benefits to campus in terms of reducing waste, having a readily available supply of woodchips, and of the time and money saved on hauling wood waste to the landfill, not necessarily of avoiding greenhouse gas emissions" says Michele Rogalsky, manager of general services in physical plant. "But, to our surprise, the avoided emissions were the most

## Sustainability on Campus

significant impact of the project".

Rogalsky is referring to the nearly 87 metric tonnes of avoided greenhouse gas emissions (CO<sub>2</sub>e) as a result of diverting the 32 tonnes of wood waste. In the past, those 32 tonnes would have decomposed in the landfill under anaerobic conditions – generating methane gas.

Methane is a powerful greenhouse gas, approximately 21 times more intense than carbon dioxide. By eliminating the wood waste from the landfill, the wood chip project eliminated over 4 metric tonnes of methane which translates to approximately 87 MTs of CO<sub>2</sub> equivalent or CO<sub>2</sub>e. The emissions savings were

calculated using the *Australian Government's Methane Capture and Use – Waste Management Workbook*.

Rogalsky says the grounds keeping and other staff are extremely pleased with the wood chipper because of the time savings.

"Before the chipper we had to make 50 to 60 trips a season to deal with the wood. Now we can spend that time on tree maintenance and other tasks" says Neil Stevenson one of the university's arborists.

"This is a great example of how cost savings and protecting the environment are not mutually exclusive" adds Rogalsky.

"The use of the chipper this year has saved us approximately \$3000 in tipping fees, fuel costs and labour while also avoiding waste and greenhouse gas emissions."



File Photo

Manitoba Minister of Conservation Stan Struthers tries out the University of Manitoba's new wood chipper.

# Senate considers ways to tweak SEEQ

There might just be more to SEEQ than meets the eye. The Senate committee on instruction and evaluation (SCIE) reviewed the university's Survey Evaluating Education Quality (SEEQ) – including holding a discussion with the survey's creator Herb Marsh. Vice-provost (academic affairs) Karen Grant said they found the survey has more flexibility than the university had realized, giving it the ability to add questions and create more functional targeted surveys.

The bottom line of the review, which was approved by Senate, was that the surveys are providing valuable

## SENATE BRIEFS

information and that the university should allow University Teaching Services to look into options for tweaking the system.

Science dean Mark Whitmore said one option the university should also consider is using the iClickers – an audience response system that has been installed in several classrooms across campus – to fill out the survey electronically.

## ON TRACK

The University of Manitoba's enrollment picture is coming into focus. While Nov. 1 is the date used for creating an official portrait of enrolment, vice-president (academic) Robert Kerr said the numbers thus far show that the decline in credit hours taken at the university is sitting at one per cent – exactly what the university had forecast when putting together its 2007-08 budget.

## ABORIGINAL WELLNESS

The University of Manitoba has submitted a statement of intent to the

Council on Post-Secondary Education for a new bachelor of human ecology (aboriginal wellness). The new bachelor degree would create a broad, holistic understanding among people working for Aboriginal communities of the factors that affect health and wellness. It is intended to integrate indigenous and Western world views and knowledge systems.

## EXECUTIVE COMMITTEE

Judith Owens, arts, was elected to the Senate's executive committee on Oct. 3. The term will last until May 31, 2010.