

# The Bulletin

University of Manitoba



## Top teachers

Recognition event gave students the opportunity to honour their favourite teachers.

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## Bingham chair

John R. Bingham graduated nearly 70 years ago but he still supports the U of M.

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## Rethink funding

Professor Richard Gordon pitches a new approach to funding faculty research.

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Photo by Chris Reid

The 20th Annual Traditional Graduation Powwow for Aboriginal students featured a wide variety of dancers during the grand entry on May 2.

## Graduation powwow

The 20th Annual Traditional Graduation Powwow for Aboriginal students was held on May 2 at the University of Manitoba.

Approximately 100 graduates of both the University of Manitoba and the University of Winnipeg were honoured at the event. An estimated 2,000 spectators attended.

The powwow began with a pipe ceremony, followed by the grand entry.

The grand entry included an honour song, where all graduates danced into the circle and the entire audience

was invited to greet and congratulate the honourees. This was followed by a presentation of certificates, degrees and other gifts.

The Traditional Graduation Powwow was held at the Investors Group Athletic Centre.

The day-long celebration is one of the largest powwows of its kind in Canada.

While the grand entry represents the formal part of the day it's the casual meeting and informal gatherings that take place throughout the day that make the event a truly community affair.

## Medicine celebrates 125 years

The Faculty of Medicine will celebrate its 125<sup>th</sup> anniversary with a set of Convocation ceremonies on Friday, May 15 at the Brodie Centre.

The morning ceremony will begin at 10 a.m., and see degrees being conferred to medical graduates, the presentation of an honorary degree to Martin Brotman, the title of president emeritus bestowed on Emöke Szathmáry, and the title of professor emeritus granted to James Thliveris, human anatomy & cell science, Daniel Sitar, human anatomy & cell science and Godfrey Harding, medical microbiology.

The afternoon ceremony will begin at 1 p.m., and see honorary degrees presented to David Naylor, Mark Greene, John Herbert Dirks, and Sister Elizabeth Davis.

Here's a brief look at the award recipients:

### Martin Brotman

BSc (Med), MD (Manitoba);  
MSc (Med) (Minnesota)

A renowned gastroenterologist and internal medicine researcher, educator and practitioner, Martin Brotman has received numerous commendations for his contribution to the field of gastroenterology. A graduate of the University of Manitoba's Faculty of Medicine, he is sought-after internationally as a speaker on subjects ranging from clinical issues to healthcare economics.

### Sr. Elizabeth Davis

BA, BEd (Memorial); MA (Theology) (Notre Dame); MHIthSc, ThD (Toronto);  
LLD (Memorial)

Sister Elizabeth Davis has led a life of outstanding contribution to the public through her work as an educator, inspirational speaker and effective health care administrator in Newfoundland. Her expertise and dedication to the needs of patients and their families have been recognized locally, nationally and internationally.

### John Herbert Dirks

CM, BSc (Med) MD (Manitoba);  
FRCPC; FRSC

A distinguished doctor, educator and scientist, John Dirks is recognized internationally for his kidney research and academic leadership. Dirks is president of the Gairdner Foundation in Toronto which awards major international prizes in biomedicine. During his tenure, the Gairdner Awards have become one of the top three prizes in the world in the area of medical research.

See CONVOCATION/P. 2



UNIVERSITY  
OF MANITOBA

One university.  
Many futures.

## 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.*

### Surviving a coma

April 24, 2009  
*Globe and Mail*

The story of an eight-year-old boy who recovered from a two-week coma after falling into the frigid waters of a culvert included comments in the media from several University of Manitoba experts, including Edward Boldt, a retired sociology professor who grew up among Hutterites and continues to study their culture, and Gordon Giesbrecht, professor of thermophysiology.

### Cheap Manitobans

April 25, 2009  
*Winnipeg Free Press*

A story about how frugal Manitobans are slow to feed the stalled economy included some observations from retail analyst Rob Warren, executive director of the Stu Clarke Centre for Entrepreneurship at the Asper School of Business, who noted that Manitobans can "hedge a little bit and be conservative, but that's just the culture of the place."

### Leaders in the Arctic

April 25, 2009  
*Winnipeg Free Press*

The University of Manitoba's rise as an international leader in Arctic science and climate change received a boost when it was announced that the university was one step closer to receiving a Canada Excellence Research Chair in Arctic Geomicrobiology and Climate Change.

### H1N1 Flu on the wane?

May 4, 2009  
*National Post*

As the H1N1 Flu (AKA Swine Flu) continues to make headlines, our medical experts also continue to be in the news. Including Fred Aoki, a medical microbiologist at the U of M. On the topic of the virus moving from pigs to people and back to pigs, Aoki noted that the avian flu virus, H5N1, which first raised fears of a pandemic a few years ago, has not mutated into a form that is more readily transmissible among people in spite of the amount of time it has had to do so.

### Headline News

*Where else has the U of M been making news? Here's a look at just a few of our headlines over the past few weeks.*

- "Somalian pirates get a taste of Winnipeg," CBC, April 24, 2009, profiles the captain of the HMCS Winnipeg, U of M graduate Craig Baines, whose ship is patrolling the Gulf of Aden.
- "Bombers draft four Canucks," *Winnipeg Sun*, May 2, 2009, mentions Bison offensive lineman Matt Singer who was drafted 15th overall in the recent CFL Canadian College Draft.

# Provincial grant, tuition cap set budget agenda

BY DALE BARBOUR  
*The Bulletin*

The numbers are all on the table now. It's up to the university to decide what to do with them.

The University of Manitoba had requested a 10.9 per cent increase in funding from the province to meet its basic budget requirements for 2009-2010. It will have to make do with somewhat less.

As president David Barnard related at the April 27 Board of Governors meeting, the provincial operating grant was increased 4.5 per cent for the University of Manitoba.

Following up on the Ben Levin led Commission on Tuition Fees and Accessibility to Post-Secondary Education in Manitoba, the province also suspended the tuition freeze and allowed the University of Manitoba to increase its tuition fees by 4.5 per cent.

The report itself was released at the beginning of April and recommended the province cap future increases at 5 per cent in an effort to maintain accessibility.

In a letter to the province, Barnard noted there are several positive recommendations in the Levin report. However, he also noted that "the limitation of the commission's work to issues of tuition fees and accessibility alone ignores broader and pressing considerations related to the overall sufficiency of operating funding for the university system."

But the bottom line for the university is that it will have to adjust its budget to meet the revenues that have come in.

"There is a distance between our revenue and our expectations and we are working to close that gap,"

Barnard said. "We will have it closed when we bring the budget forward to the Board."

Board member Arthur Black noted that 10.9 per cent had been pegged as the figure necessary to maintain the status quo for the university.

"It's just not sustainable if we keep getting less than we require simply to stay even," Black said.

Board member and Engineering dean Doug Ruth agreed.

"Every time we say we need 10.9 per cent and we get 4.5 per cent we are providing one more reason for the government to give us 4.5 per cent," Ruth noted. "At some point the Board is going to have to stand its ground."

"What we're doing is not sustainable. But everyone else is doing the same thing. The entire education system is in this crunch," Barnard noted. "But (with the tuition limits) we do not have the option of testing the market."

#### IN OTHER BOARD NEWS:

The University of Manitoba certainly can't be accused of not pulling its own weight when it comes to fundraising. In 2008-2009 the university raised \$44,122,060 for student supports, research, capital funds and a range of other projects.

The spectacular community support came despite the economic downturn on the latter part of 2008.

Marcel A. Desautels Faculty of Music students voted to kick in \$1.66 per credit hour or about \$8,450 over the next year to support the faculty's endowment fund.

## Convocation available online

From Page 1

#### Mark I. Greene

MD, PhD (Manitoba); FRCPC

A pioneering scientist, Mark I. Greene has made significant contributions to cancer research and his discoveries have led to new chemotherapy and radiation therapy treatments. His contribution to our understanding of human biology has also led to advances in the diagnosis and treatment of cancer.

#### David Naylor

BA, BSc, MD (Toronto); DPhil (Oxford)

Currently president of the University of Toronto, David Naylor is an accomplished researcher and educator who played a leading role in promoting public health in Canada. Naylor was chair of the National Advisory Committee on SARS and Public Health in 2003 which led to the creation of the Public Health Agency of Canada.

#### President Emeritus

Emőke J. E. Szathmáry

CM, BA (Hons), PhD, LLD (Toronto);  
DSc (Western Ontario); DLittS (St. Michael's  
College); LLD (York); FRSC  
1996 – 2008 Tenth President

Emőke Szathmáry received her BA and PhD from

the University of Toronto and then joined Trent University for a one-year appointment as assistant professor in anthropology. This was followed by appointments at McMaster University including department chair; dean of social sciences at the University of Western Ontario; and provost and vice-president (academic) at McMaster. During her tenure as president the University of Manitoba underwent a significant expansion with growing enrolment, the creation of Smartpark and undertook the Building on Strengths capital campaign which raised over \$237 million for the university. While president, Szathmáry served as director of a number of provincial and national volunteer boards. Her research interests in the genetics of indigenous peoples of North America continued during her presidency. She continues her appointments as professor of anthropology and of biochemistry and medical genetics.

The *Bulletin* will provide a full description of the award recipients in our special convocation issue on May 21.

Convocation continues at the Fort Garry campus May 26 to 28 and at the College universitaire de Saint Boniface on June 1.

Convocation ceremonies will be available via live web feed at [umanitoba.ca](http://umanitoba.ca).

## 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.

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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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# Bingham supports research chair

## Medicine graduate returns after 70 years to support his alma mater

BY ILANA SIMON  
For The Bulletin

It's been almost 70 years since John R. Bingham (B.Sc. (Med.), MD/40) last wandered the halls of his medical school. But the 93-year-old University of Manitoba alumnus, who gave \$1 million towards the Bingham Chair in Gastroenterology, came home last week for an announcement that will improve the lives of the 50 per cent of Canadians affected by gastrointestinal diseases and hopefully, one day, lead to a cure.

Internationally renowned and respected gastroenterology researcher Charles Bernstein, section head of gastroenterology and director of the University of Manitoba Inflammatory Bowel Syndrome Clinical and Research Centre, was appointed to the Bingham Chair in Gastroenterology on Thursday, April 30 in the Buhler Atrium, Bannatyne Campus.

"The work underway on some of these awful diseases, such as Crohn's disease is terribly important, and I think the scientists should be encouraged to continue with their research," said Bingham, who practiced gastroenterology at Toronto Western Hospital and taught at the University of Toronto following service as a naval surgeon in the Second World War.

It was through Bingham's generosity – combined with an impressive community campaign that raised more than \$1 million in just under a year and \$1 million in support from the clinicians in the Faculty of Medicine's Department of Internal Medicine – that the \$3-million endowed research chair was realized.

"Through the endowment of this prestigious chair, Charles Bernstein and his research team will be able to pursue leading-edge research in Winnipeg that



Photo by Allen Patterson

From left, J. Dean Sandham, dean, Faculty of Medicine; John Bingham (MD/40); Tom Frohlinger, campaign committee representative; Digvir Jayas, vice-president (research); Dan Roberts, head of the department of internal medicine, Faculty of Medicine, and Charles Bernstein (MD/85), section head gastroenterology, took part in the ceremony announcing the Bingham Chair in Gastroenterology on April 30.

will improve the health for sufferers of gastrointestinal disorders on a global scale. This is a magnificent achievement and one that our community of supporters should be justifiably proud," said J. Dean Sandham, dean of Medicine. "The Bingham Chair in Gastroenterology will also attract young investigators into gastroenterology research and serve as a magnet for recruitment of high calibre researchers and clinicians to the University of Manitoba."

"The support provided by endowed research chairs such as this one, are essential to the success of the research programs at the University of Manitoba," said Digvir S. Jayas, vice-president (research). "They enable the university

to build on existing areas of research strength and facilitate the recruitment and retention of world-class researchers who enhance the support and training of students working with them."

Martin Weinberg, chair of the fundraising committee, said the campaign reached its goal so quickly because Winnipeggers are close to the issue. "Having a chair in Winnipeg is a natural way of expanding the expertise we already have in the city," said Weinberg. "Since so many people are afflicted or know people who have GI problems, the research team has touched the lives of many of the people who contributed to the campaign." Donors to the campaign included

Martin and Michelle Weinberg, Marvin and Barry Shenkarow, Tom Frohlinger, Charles Shore, Leonard Asper, Richard Morantz, Robert Silver, James Morden, Earl Barish, and corporate donor Axcan Pharma.

Bernstein, a 1985 University of Manitoba graduate and the top gastroenterologist in Manitoba, returned from UCLA in 1993 to head up Manitoba's gastroenterology program. In 1994, he established the University of Manitoba Inflammatory Bowel Disease Clinical and Research Centre, one of the world's foremost centres for the study of inflammatory bowel disease.

The IBD Clinical and Research Centre, where Crohn's disease and ulcerative colitis are being studied, has received international attention and recognition for its research. The IBD research program here has conducted groundbreaking epidemiological studies and has recently been pursuing etiological studies aimed at finding the cause of these diseases. The Manitoba IBD Cohort Study led by Bernstein has received 2.7 million dollars in CIHR funding since 2002. Bernstein's group is also pursuing research studies in colon cancer, including methods to optimize screening, as well as outcomes research. Other active areas of investigation include GI bleeding, acid reflux and ulcer disease, celiac disease and nutrition.

Additionally, the Research Centre has tapped into their University of Manitoba IBD Epidemiology Database, the largest validated database of IBD in North America, to determine the health care needs of patients with IBD and costs of managing them so as to help direct government and providers. The Centre also has participated in many national and international clinical drug trials.

# Building bridges in health care

BY DALE BARBOUR  
The Bulletin

You're a doctor. I'm a nurse. They're pharmacists.

And yet all of us have patients in common.

It's that commonality of purpose that brings the members of the Health Professions Education Collaborative together and on April 21 to 22 the University of Manitoba hosted the group's 13<sup>th</sup> semi-annual meeting.

"Our focus is to develop across professions – medicine, nursing, pharmacy, health administration – ways to teach about the improvement of health care, patient safety and inter-professional care," said Greg Ogrinc, a Dartmouth University representative and the associate chair for HPEC. "The group started as a medical school collaborative in 2003 and quickly realized that it was insufficient to be talking about the improvement of health care with just physicians and physician educators so the group gradually grew to include the other professions."

And in doing that, HPEC has become a rather unique entity.

"It's part of the socialization of our students coming in through the health professions to really learn how to work together and be patient centered," Heather Dean, associate dean, academic, Faculty of Medicine, said. "Historically we've always taught our health profession students in silos

and even in clinical settings they've worked within their own professions. There was simple interaction with other students but not authentic working together relationships where you had to figure out who was going to do what today."

It can be like trying to get elementary students to work together in a group with each student bickering about whether the others are pulling their weight. But patients need all of their health providers on side.

"In health care you have to learn how to work together and learn from each other," Dean said.

The Health Professions Education Collaborative facilitates that interaction both by providing a forum for representatives from the different schools to share ideas but also simply by putting the concept on the agenda.

"I think what it's really done is it has brought us legitimacy within our institution, having HPEC and working with a lot of these very influential people, helps me and the people I work with be able to have some clout with the people who run our institution," said Marc Shalaby, program director,

**"Historically we've always taught our health profession students in silos and even in clinical settings they've worked within their own professions."**

Heather Dean,  
associate dean, academic,  
Faculty of Medicine

internal medicine/transitional residency programs, Lehigh Valley Hospital. "This isn't just a project that I thought of and wanted to try out. This is something that has been vetted out in an international forum so that gives me legitimacy with the people I work with."

Shalaby's situation shows how the challenge isn't limited to universities; hospitals have to deal with getting their diverse staff to work and learn together.

Attending the meeting from Sweden, Karin Thorne, the resultant manager doctors development program for the Jonkoping Country Council – a close equivalent to Manitoba's health authorities – said they are trying to coordinate health care cooperation on a regional basis by bringing together hospitals and universities. The Health Professions Education Collaborative meeting provides valuable information towards that goal.

The two-day event was intended to tackle everything from the big picture issues to the nuts and bolts of working changes in medical knowledge into the curricula of medicine, nursing and pharmacy to ensure that as the health sciences develop that development is

integrated into all the different fields. The event also gave the University of Manitoba the opportunity to show off its health sciences innovations and successes, a list that includes creating an inter-professional health education coordinator.

Dean said the upside of that new position is that the person answers directly to the vice-president academic, giving the coordinator the same sort of independence enjoyed by University 1, which works with faculties across the campus.

The April 21 to 22 meeting drew representatives from 18 different sites – or about 48 schools in total. It's not a large number given that there are hundreds of health profession schools in North America alone. But that could be about to change.

"One of the things that has happened since this work has begun is that more and more schools have been interested in learning about these sorts of ideas," said Paul Batalden, Dartmouth, HPEC chair. "So we need to rethink how we are organized so that we can continue to migrate our organization response to this need and we'll be working to integrate our ability to exchange information with one another with the development of virtual communities and web based educational activities."

Ultimately, Batalden says the group has to grow if it wants to make changes in health care.

## 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 [barbourd@ms.umanitoba.ca](mailto:barbourd@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.

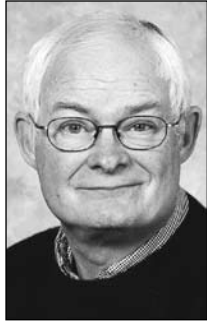
### Bumsted wins more honours

Retired history professor J.M. (Jack) Bumsted has won three more book awards for his biography *Lord Selkirk: A Life*:

- The Alexander Kennedy Isbister Award for Non-Fiction was awarded this past weekend at the Manitoba Writing and Publishing Awards gala held at the Winnipeg Art Gallery;
- The Manitoba Historical Society presented Jack with a Margaret McWilliams Award in the Scholarly History category;
- The Association for Manitoba Archivists have awarded *Lord Selkirk: A Life* the 2009 Manitoba Day Award.

*Lord Selkirk: A Life*, which won the prestigious John W. Dafoe Book Prize earlier this month, is the definitive biography of Thomas Douglas, the Fifth Earl of Selkirk (1770–1820). Selkirk was a complex man of his times, whose passions left an indelible mark on Canadian history. A product of the Scottish Enlightenment and witness to the French Revolution, he dedicated his fortune and energy to the vision of a new colony at the centre of North America. His final legacy, the Red River Settlement, led to the eventual end of the dominance of the fur trade and began the demographic and social transformation of western Canada.

*Lord Selkirk: A Life* is published by University of Manitoba Press.



Jack Bumsted

## 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.

**WENDY SCHULTZ**  
Assistant Professor

Department of Accounting and Finance  
Asper School of Business

Wendy Schultz joined the Asper School of Business in 2008. She is currently completing her PhD in Accounting at the Queen's School of Business, Queen's University, and holds a bachelor of commerce (hons) degree from the University of Manitoba. She obtained her CA designation from the Institute of Chartered Accountants of Manitoba in 2001, and has worked in public accounting, providing assurance, accounting, tax, and consulting services to small and medium-sized businesses, individuals, and not-for-profit organizations.

Schultz has received numerous academic awards, including a SSHRC doctoral fellowship. Her research interests include financial reporting and disclosure, international accounting, and the interaction between financial reporting incentives, accounting standards, and enforcement. Schultz's teaching interests include financial accounting and taxation.



Wendy Schultz

# Keselman and Jayas take up VP positions

The Board of Governors of the University of Manitoba has approved the appointment of Joanne Keselman as vice-president (academic) and provost and the appointment of Digvir Jayas as vice-president (research).

"Dr. Keselman is well known to the university community and has distinguished herself as a dynamic and transformative leader," said president David Barnard. "I know that her energy, intellect and capacity to bring people together will serve us all exceptionally well."

Keselman received her doctoral degree in quantitative psychology from the University of Manitoba in 1978. Her area of expertise is applied statistical analysis, and she has published extensively on such topics as the analysis of repeated measures designs, multiple comparison procedures, multivariate analysis and meta-analysis.

From 1997 until 2008, Keselman served as vice-president (research); prior to assuming this position, she served for five years as associate vice-president (research).

Keselman is a member of the Social Sciences and Humanities Research Council (SSHRC) and its executive committee, the Premier of Manitoba's Economic Advisory Council and its executive committee, and of the board of directors of ISIS Canada. She previously served on the boards of directors of ArcticNet and the International Centre for Infectious Diseases, and is the past chair of the board of directors of RESOLVE, a prairie research network on family violence, and of the advisory board of the Richardson Centre for Functional Foods and Nutraceuticals. She also previously served for seven years as a member of the Natural Sciences and Engineering Research Council and its executive committee, including five years as its vice-president.

"I know Dr. Jayas will be an outstanding vice-president (research)," said Barnard. "His accomplishments in research are world-renowned and his willingness to enter a new phase of his career in



Joanne Keselman

## APPOINTMENTS

which he devotes his prodigious energy to facilitating the work of other researchers, rather than continuing to carry on his personal research at the same level as he has done, is an indicator of his commitment to the success of the entire university community."

Jayas, a distinguished professor, was educated at the G.B. Pant University of Agriculture and Technology in Pantnagar, India; the University of Manitoba; and the University of Saskatchewan. Before assuming the position of acting vice-president (research), he held the position of associate vice-president (research) for eight years. Prior to this he was associate dean (research) in the Faculty of Agricultural and Food Sciences and head of biosystems engineering. He is a registered professional engineer and a registered professional agrologist.

Jayas holds a Canada Research Chair in Stored-Grain Ecosystems and has conducted research in the areas of: physical properties of agricultural products; modified atmosphere storage of grains, oilseeds, potatoes and meats; mathematical modelling of biological systems; and digital image processing for grading and processing operations in the Agri-Food industry.

Jayas is the recipient of the 2008 Dr. John M. Bowman Memorial Winnipeg Rh Institute Foundation Award. He is currently serving as a member of the Manitoba Chamber of Commerce, Composite Innovation Centre, Agriculture Institute of Canada (AIC), Manitoba Institute of Agrologist (MIA), Canadian Academy of Engineering (CAE), Canadian Council of Professional Engineers, Manitoba Health Research Council and Genome Prairie.

The appointments were effective April 28, 2009 and are for five years.



Digvir Jayas

# Schepp is new B-ball coach

At the University of Manitoba's Board of Governors meeting held on Monday, April 27, the Board approved the Bison Sports and the Faculty of Kinesiology and Recreation Management recommendation to the Governors that Kirby Schepp become the new Manitoba Bisons Men's Basketball head coach. Schepp is appointed to the full-time position that started on Friday, May 1.

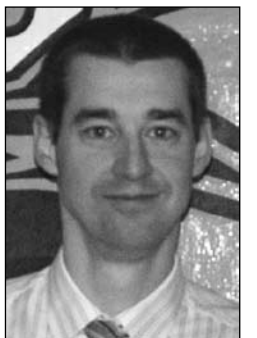
Schepp stated after the Board of Governor approval, "It is an honour to receive this appointment and to have the opportunity to test myself at the CIS level in my hometown. The University of Manitoba men's basketball program has a storied tradition of national champions, national team athletes and Olympians. We will do everything possible to bring the program back to this level."

Schepp, 34, had been at Sturgeon/Silver Heights Collegiate in Winnipeg as a head coach and physical education teacher since 1994. Over the last 14 seasons, he amassed a record of 333-143 while establishing Sturgeon/Silver Heights as one of the top basketball programs in Manitoba while leading them to five provincial final fours, five league championships and a 100 per cent graduation rate of athletes. Schepp was

## APPOINTMENT

also named both the 'AAAA' Boys Coach of the Year and the Coaching Manitoba Excellence in Coaching Award (School System) in 2007.

Along with his role at Sturgeon/Silver Heights, Schepp's head coaching history includes being part of Team Manitoba for seven seasons while holding a 67-19 record among teams playing in exhibition tournaments, National Championships and Canada Games. The Winnipeg native continues his role as Manitoba's Canada Games Male Coach and the head coach of Canada Basketball's Centre for Performance Prairie Region Boy's Program (involved since 2001) while being Basketball Manitoba's most active National Coaching Certification Program (NCCP) course conductor (Levels 1-3).



Kirby Schepp

# Conference on educating children

Over 1,000 early year educators, from Canada and the northern United States are in Winnipeg for the first ever Reggio Inspired Care and Education Conference (RICE), May 6 to 9.

This conference for early childhood, university and college educators, teachers, parents, administrators, superintendents, consultants and the arts community will be held at the University of Manitoba, West Kildonan Collegiate, and Red River College.

Reggio Emilio is an approach to education that focuses on the educational importance of community and free inquiry as its primary values, based on certain fundamental values about how children learn. RICE will provide a variety of experiences for educators of young children too.

For more information about the conference please visit the Reggio conference website: [www.umanitoba.ca/education/rice](http://www.umanitoba.ca/education/rice).

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# Rethinking faculty funding

## Should every university faculty member receive a baseline grant?

The Canadian Association for Responsible Research Funding (CARRF) was established about 20 years ago as a loose knit group of around a dozen academics spread across Canada, whose goal was to reform the public and private agencies that disburse taxpayers' and donors' money for research: NSERC, MRC (now CIHR), SSHRC, NCIC, etc. Our president, Geoffrey Hunter (physics, York University), died last fall, and other than littering the peer reviewed and other literature with articles and letters on the faults of the peer review system and how to fix them, we can't claim to have accomplished much. This will be to the relief of those who flourish under the current system, which applauds their excellence, while defining excellence as succeeding in getting grants (Poulin & Gordon, 2001). We have mostly been ignored, occasionally ridiculed in public, and quietly applauded by colleagues who feared to join us lest it endanger their ability to get grants. You might guess that we were after a free handout, but we were all late in our careers, realizing that if we changed anything, it would be for the next generation. So don't be so quick to judge us.

At the University of Manitoba, we faculty members are all privileged to already have baseline grants, albeit pegged around \$1,500 per year, as our UM-UMFA contract says: "...for the purpose of subsidizing the travel of Members for attending meetings of academic or professional groups or for pursuing research and scholarly work which forms a part of university duties or for the purchase of books, journals and other published works and items of equipment to be used in the performance of their academic duties. The use of these funds shall follow normal University procedures and financial controls." This establishes the principle and the mechanism. All CARRF asks is that the amount be increased to the point where some real innovation could be funded.

Let us take as a round figure for this "professional development allowance" (PDA) \$30,000 per year per faculty member. This would be enough to support one graduate student, a bit of operating funds, and perhaps



### Viewpoint

with Richard Gordon  
professor,  
Department of Radiology

**We propose 50 per cent of all funds disbursed by granting agencies be for baseline grants, and 50 per cent for competitive and directed grants, which does not imply dismantling the current system.**

a modest trip to a conference each year. Depending on the size of your current grants, you will regard this as a pittance, extravagant, or just right. But no matter what your current circumstances and confidence that you can maintain them throughout your productive years, like your salary such an amount would give you some degree of freedom to innovate. Voluntary pooling between you and your collaborators and/or allowing 100 per cent carryover from one fiscal year to the next could produce ambitious projects at no additional cost.

There are 1200 of us at the University of Manitoba, so baseline funding would cost society \$36 million per year. Where will the money come from? We arrived at a surprising answer recently, at least in the context of those of us eligible to apply to NSERC, whose average disbursed grant is about \$30,000 per year: society already spends more than that, at least \$40,000, for each grant application turned down (Gordon & Poulin, 2009). This figure was arrived at by estimating cost of time spent preparing and reviewing the grant applications plus NSERC administrative costs, all of which take away from money that could have been spent on research. Might as well fund 100 per cent of

us. All that is needed is reorganization and the kind of trust embodied in the university's contract with us.

Why should society pay us to do what we like? Well they already do, via our salaries, though we are a well screened lot, with the hurdles of hiring, promotion and tenure committees whose deliberations are orders of magnitude beyond the scope and time of grant review committees. Few jobs are granted for life like ours. None have such a long probationary period. The problem is simply that the minimal means for us accomplishing our jobs is set at the currently extraordinarily low PDA. And that is what baseline grants are for: just like tenure itself they would be a buffer against the ups and downs of competitive grantsmanship. We propose 50 per cent of all funds disbursed by granting agencies be for baseline grants, and 50 per cent for competitive and directed grants, which does not imply dismantling the current system. In fact, it enhances it, by providing a mechanism to get those "preliminary results" so essential to a successful grant application.

Our peer reviewed paper "Cost of the NSERC science grant peer review system exceeds the cost of giving every qualified researcher a baseline grant" has created a lot of worldwide discussion in the blogs, including *Maclean's* magazine (Wells, 2009). Canadian provincial and federal governments are hard nosed, and if they can smell cost reduction or increased efficiency, i.e., greater innovation on our part, they might take the bait.

Gordon, R. & B.J. Poulin (2009). "Cost of the NSERC science grant peer review system exceeds the cost of giving every qualified researcher a baseline grant." *Accountability in Research: Policies and Quality Assurance* 16(1), 1-28.

Poulin, B.J. & R. Gordon (2001). "How to organize science funding: the new Canadian Institutes for Health Research (CIHR), an opportunity to vastly increase innovation." *Canadian Public Policy* 27(1), 95-112.

Wells, P. (2009). "Workfare for scientists: cheaper AND more productive!," <http://www2.macleans.ca/2009/04/15/workfare-for-scientists-cheaper-and-more-productive/>.

### Letters Policy

The *University of Manitoba Bulletin* welcomes letters to the editor from readers about matters related to content in the *Bulletin*, the university or higher education. Letters must be original and addressed to the editor. Opinions expressed are those of the writer. The *Bulletin* does not publish anonymous letters. Please include your name, affiliation and phone number. Letters should be submitted to [barbourd@ms.umanitoba.ca](mailto:barbourd@ms.umanitoba.ca). The *Bulletin* reserves the right to edit letters to address style, length and legal considerations.

### Viewpoint Policy

The *University of Manitoba Bulletin* welcomes submissions for Viewpoint from members of the university community. Unless otherwise discussed in advance with the editor, articles should range between 600 and 700 words and should address issues related to the university or higher education. Speeches related to issues of interest to the university community are also welcome. E-mail submissions to [barbourd@ms.umanitoba.ca](mailto:barbourd@ms.umanitoba.ca). The editor reserves the right to edit or reject any submission that does not comply with policy. Opinions expressed are those of the writer.

## THE MANITOBA MEDICAL SERVICE FOUNDATION BASIC SCIENCE CAREER DEVELOPMENT RESEARCH AWARD

Faculty of Medicine and Manitoba Medical Service Foundation

The Manitoba Medical Service Foundation and the Faculty of Medicine at the University of Manitoba, invite applications from individuals as candidates for the Basic Science Career Development Research Award, to be effective October 1, 2009. The intent of the award is to support the awardee to become a strong candidate for a senior national personnel research award, such as a CIHR Investigator. Individuals who have previously held, or are currently holding, such an award will not be eligible for the MMSF award. Candidates should have been engaged in independent research for not more than about 7 years, should have an excellent track-record of receiving grants from national granting agencies, such as the CIHR, and should have a satisfactory publication record in peer reviewed journals. The Award will be limited to individuals currently holding an appointment in the Faculty of Medicine of the University of Manitoba.

The Award is given for a period of 3 years. The Manitoba Medical Service Foundation will contribute \$50,000 annually to the salary of the successful candidate. It may not be held concurrently with another personal career award and is not renewable. The candidate should have a PhD or equivalent, and demonstrated potential, or an established national/international reputation, in basic medical sciences research. At least 75% effort must be devoted to research activities. The appointment will be subject to annual reviews. A one-year term grant-in-aid to the appointee of up to \$20,000 may be made during the first year of appointment. Applicants shall use the CIHR Scholarship Application form which consists of a CV Module and a Research Module, plus the names of three referees.

Nine copies of the application must be submitted no later than July 1, 2009 to:

Dr. Dean Sandham, Dean  
Faculty of Medicine, University of Manitoba  
260 – 727 McDermot Avenue  
Winnipeg, Manitoba  
R3E 3P5



## Picturing monuments

A major component of community life is the landmarks, monuments and built heritage within that community. Canadian historians have often claimed that the physical and geographical heritage of Canadians has played a key role in the development of our identity as a nation.

From sod huts to towering skyscrapers, the built heritage of western Canadian communities has influenced the development of the region and the people.

The University of Manitoba Archives & Special Collections, along with its partners, the Ukrainian Catholic Archeparchy of Winnipeg Archives, the Canadian Architectural Archives, and the Archives of Manitoba, have created a website devoted to western Canada's architectural history and the effects it has had on Canadian society.

The 7000 textual documents, photographs, blueprints, films, and sound clips that comprise Landmarks, Monuments & Built Heritage of the West document this rich historical legacy.

Visit the Landmarks, Monuments and Built Heritage of the West website at: [umanitoba.ca/libraries/archives/digital/built\\_heritage/](http://umanitoba.ca/libraries/archives/digital/built_heritage/).

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# The economics of peacebuilding

## The role of economic assistance in bringing Ireland together

### Books by University Staff

BY DALE BARBOUR  
The Bulletin

Scratch the surface of any ethnic conflict and you'll probably find an economic underpinning.

Arthur Mauro Centre for Peace and Justice director Sean Byrne explores that link in his latest book *Economic Assistance and the Northern Ireland Conflict: Building the Peace Dividend*.

"I'm interested in the role of poverty and unemployment in the conflict and the link with young people. There's some areas in Northern Ireland where you had 80 per cent unemployment in the inner cities for young people, so a lot of these young people got sucked into paramilitary organizations, either loyalist or republican," Byrne said.

It's a subject that he cut his teeth on while pursuing his master's degree at Queens University in Belfast in the 1980s. The link between economic assistance and peace building was already known at the time, with Britain and Ireland both kicking in funds towards the International Fund for Ireland.

In 1994 the European Union put together the Special Support Program for Peace and Reconciliation or Peace I. The program lasted from 1995 to 1999 and was followed by Peace II, from 2000 to 2006 and now Peace III set to run 2007 to 2013. *Economic Assistance and the Northern Ireland Conflict* tracks the peace process through the efforts in the 1980s and Peace I. Byrne is currently working on a book to track the impact of Peace II and a third book is planned to look at Peace III. The research is funded by grants from the United States Institute of Peace and the Social Sciences and Research Council of Canada.

"It's really a longitudinal analysis, tracking the peace process over the past 20 years," Byrne said. It's also a qualitative study focusing primarily on how people have perceived the impact of economic assistance on sustainable economic development and peacebuilding. Byrne has published the quantitative information in essays before – the raw data looking at how much economic resources has gone into Northern Ireland and how it has impacted everything from employment rates to living standards in targeted areas. But in *Economic*

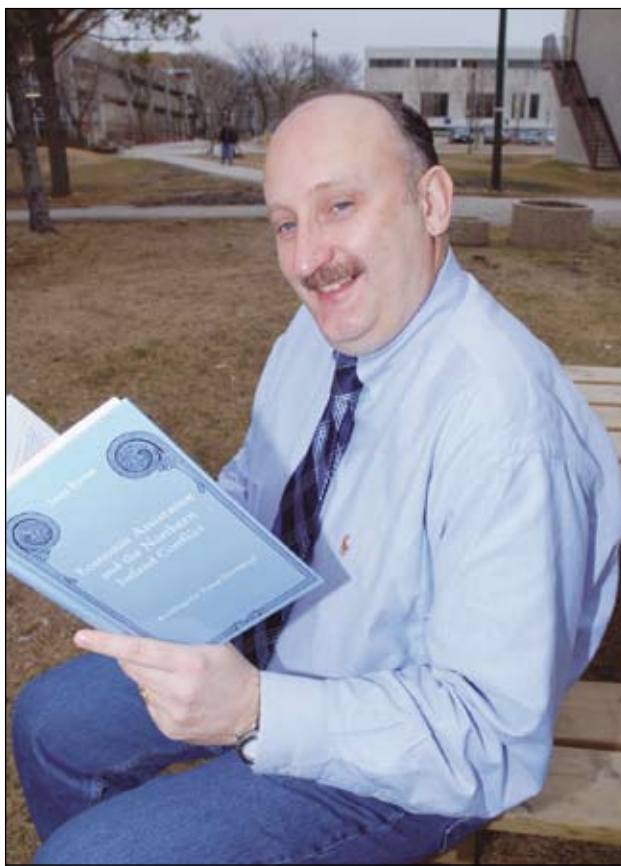


Photo by Dale Barbour

**Arthur Mauro Centre for Peace and Justice director Sean Byrne tracks the impact of economic assistance on the peace process in Ireland in his latest book.**

*Assistance and the Northern Ireland Conflict* he was more interested in how people felt about it.

"Peace I was intended to target people on the peripheries, marginalized people and poor people suffering from social exclusion. It was also intended to build contact across communities, in that sense peace and reconciliation is not just about economic development or the development of people but also in building contact between two deeply segregated communities in a bi-polarized society."

Byrne interviewed a wide range of people: Protestant, Catholic, Unionist and Nationalist, and the leaders of community groups that were funded by both external economic assistance programs.

"On the whole economic aid was well received.

People saw that it was making differences in their lives and that it was creating employment opportunities," Byrne said. "I've been working with the same groups so you get to see how they evolved over 20 years or so."

Initially the groups argued that they needed to build capacity in their own communities before they could work jointly with groups on the other side of the conflict. But that trend changed as the programs evolved and many of the projects stipulated that there had to be representatives from both communities to receive funding. Indeed the complicated paperwork involved in acquiring funding through the programs often made cooperation a necessity.

"It's interesting, in one case former republican prisoners were assisting former loyalist prisoners in putting together their application to the funding agencies," Byrne said.

So far the process seems to be working in Northern Ireland, and Byrne said that's because economic aid has worked in tandem with cooperation between local leaders and national leaders.

"It's a cold or frosty peace as the deep underlying causes need to be transformed over the long-term." Indeed, Byrne refers to the situation in Northern Ireland as being in a post-violence phase because the seeds of the conflict still exist within the region.

He says that the success and lessons learned in Ireland can be exported to other conflict areas throughout the world: Cyprus, Bosnia, East Timor, Sudan, South Africa.

The Republic of Ireland has benefited from an economic boom over the past decade that made it one of the hottest economies in Europe and of course it's easier to keep the peace when people are working. During that time the local population swelled to include workers from Eastern Europe. The world wide economic downturn has impacted the Celtic Tiger, and Byrne said there may be challenges ahead as people again deal with rising unemployment rates and a new ethnic dynamic.

"Some of the paramilitary groups have retooled themselves and they've evolved into drug trafficking, smuggling cigarettes and alcohol and some immigrants have been attacked by some of these gangs," Byrne said. "What happens if the unemployment rate runs up in working class Protestant and Catholic communities? What does that mean for a quite large immigrant population, and for the peace process?"

## THE R. SAMUEL MCLAUGHLIN/MMSF RESEARCH AND EDUCATION FELLOWSHIP AWARD

Faculty of Medicine and Manitoba Medical Service Foundation

The Manitoba Medical Service Foundation and the Faculty of Medicine at the University of Manitoba, invite applications from medical residents for The R. Samuel McLaughlin/MMSF Research and Education Fellowship Award. The award is intended for residents who have successfully completed their CFPC/RCPSC – track residency training and are wishing financial support to fund further medical fellowship training in research or medical education useful to the University of Manitoba. Candidates in their senior year(s) of residency training may be considered for this award should they be able to combine their current residency training with the terms of the award.

The R. Samuel McLaughlin Research and Education Fellowship has a value of \$25,000 (Cdn.) per year, and funding will normally begin by July 1st. The Manitoba Medical Service Foundation (MMSF) will provide matching funds for this award. The combined funding of the award is \$50,000 per year. The term of the award is for one (1) year.

Full guidelines and application forms can be obtained by visiting:

[umanitoba.ca/faculties/medicine/research/other\\_funding.html](http://umanitoba.ca/faculties/medicine/research/other_funding.html).

Complete application packages must be submitted by June 1st, 2009 to:

Dr. P. Choy, Associate Dean (Research)  
Faculty of Medicine, University of Manitoba  
Room A108 Chown Bldg.  
753 McDermot Ave.  
Winnipeg, MB R3E 0T6



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## Stories to reshape your worldview

The fourth Annual Winnipeg International Storytelling Festival will spin some good yarns from Wednesday, May 6 to Saturday, May 9.

The goal of the festival is to promote the use of storytelling for peacebuilding and community-building, to promote student voice as a critical skill for global citizenship and for protecting human rights, and to nurture the art of storytelling in Winnipeg.

This year's festival is dedicated to the memory of Philip Weiss, the noted Holocaust educator, who spoke at the Festival the first two years but fell ill just days before the Festival last year. This year, during the School Program, young adults from Somalia, Sierra Leone, Afghanistan, Sudan and the DRC, who like Philip Weiss survived war during their childhood will speak at the festival.

Director Jessica Senehi says the festival is presented by the Arthur V. Mauro Centre for Peace and Justice at St. Paul's College because storytelling is at the heart of peacebuilding. She explains that storytelling has served as a means of education for all societies throughout time. "Storytelling is not static; it allows us to find our voice, imparts knowledge, carries on traditions and helps foster changes in listeners' behaviours and ways of thinking."

"It's a very powerful tool for facilitating change," she adds, "reaching young people in a way that can help them become more aware of issues in their world."

More than 30 local storytellers as well as those from across Canada and other parts of the world are featured this year. This is the largest festival of its kind in Canada. For more information go to [umanitoba.ca/storytelling](http://umanitoba.ca/storytelling).

Advertise in the Bulletin. For details call 474 8111.

# Nominations are in for staff awards

The nominees and nominators for the 2009 Support Staff Awards of Excellence were honoured at a luncheon on April 9.

This is the fourth year of these awards, celebrating the contributions of support staff with four separate awards – the President’s, Service, Leadership, and Team Awards.

Nominations for the prestigious President’s Award recognize outstanding contributions throughout a career at the U of M. This year’s nominees are:

- Joanne Dyer, the office of the vice-president (administration)
- Gerry Miller, information services & technology
- Victoria Wilson, dean’s office, I. H. Asper School of Business

The Service Award celebrates support staff members who have exhibited a high level of initiative, dedication, and cooperation in their service to students, faculty, staff, and the general public. This award category received the largest number of nominations, including the following:

- Gerri Acorn, department of computer science
- Rita Courchaine, dean’s office, Faculty of Education
- Tom Deakin, south zone caretaking, physical plant
- Guy Jonatschick, department of electrical & computer engineering
- Henry Kunkel, department of physics & astronomy
- Nancy Laxdal, administrative services, physical plant
- Keith Millan, workshop, Faculty of Architecture
- Joanne Morissette, department of electrical & computer engineering
- Donna Overwater, telecommunications group, IST



Photo by Allen Patterson

**Joanne Dyer, left, who received a nomination for the President’s Award gets her picture snapped with Pam Trupish, vice-president (academic) executive assistant and director of immigration.**

- Patricia Power, Faculty of Law
- Margaret Smith, department of statistics
- Kimberley Wilde, department of native studies

The Leadership Award celebrates individuals who have led their teams in achieving exceptional results

and maintaining positive morale. This year’s nominees are:

- Jasmin Ismailovic, caretaking services, physical plant
- Grant McCaughey, environmental health and safety office
- Rudy Mejia, physical plant

The Team Award recognizes critical work done by effective, collaborative teams, exceeding the expectations of the stakeholders, and leading to improvement in procedures, productivity, or service levels. Teams being recognized with a nomination are:

- Combined laboratory inspection program work group, environmental health & safety office
- Department of chemistry general office staff, department of chemistry
- Faculty of Science office staff team, dean’s office, Faculty of Science
- Fresh Food Company Team, food services, ancillary services
- IST Computer Support Desk Team, Academic Computing & Networking, IST

Congratulations to all the nominees; your work is appreciated. Congratulations as well to the nominators and supporters for modeling appreciation and highlighting this excellence in our community.

The Leadership, Service, and Team Awards will be presented at a reception on May 12. The President’s Award will be presented at the May convocation. For more information, including the names of all the team members, go to the LDS website, recognition programs, or call Mark O’Riley at 474-9491.

## Students building houses

Architects Without Borders Canada is proud to participate in the construction of 11 Habitat homes. The build will take place this week at the Sir Sam Steele Site at the corner of Nairn Avenue and Chester Street.

“As a group of socially conscious designers, Architects Without Borders Canada continues to foster an ongoing relationship with Habitat for Humanity because we believe that affordable housing is an important issue in Canada and that it should be accessible to everyone,” says Kelley Beaverford, executive director, Architects Without

Borders Canada.

She adds: “It is also in our mandate to develop sustainable environments and communities; therefore, we support Habitat in their effort to adopt the Leadership in Energy and Environmental Design (LEED®) Green Building Rating System for these homes.”

Participants include AWB members as well as students from the University of Manitoba Faculty of Architecture and members of the local design community eager to help Habitat build and get involved with hands-on construction.

## Campus as a Community



**Meet Janet Sealey.** The busy Faculty of Arts executive assistant to the dean is on the front lines of student and program development, juggling issues related to staff and students on a daily basis. From her vantage point she sees first-hand how donor support creates a better work and learning environment – something she’s proud to be a part of.

**Q: Why do you give to the U of M?**

A: As a longtime employee, I’ve seen the difference gifts make, both to students and staff, and I am pleased knowing that I may have helped make that difference.

**Q: Why are you proud to be part of the U of M?**

A: It’s a good place to work, plus I am proud of the significant research being done at the university and hearing of the success stories of many of our graduates.

**Q: How do you see the U of M as a community?**

A: Staff already give so much back to the university just through their day-to-day activities on the job, but it truly benefits us all when we donate – even a small donation can help make the university an even better place to work, and it also goes directly to our common goal of helping the students we’re here to serve in the first place.

**Join your colleagues in supporting your university.**

Visit [umanitoba.ca/admin/dev\\_adv](http://umanitoba.ca/admin/dev_adv) to find out where your donation can make a difference.



## Campus Beautification Day

**Thursday, May 21st, 2009**  
**9:00 a.m. - 4:30 p.m.**

Everyone is welcome to participate so please **volunteer** some time out of your busy schedule to help make our campus beautiful! Have fun with co-workers and enjoy some fresh spring air!!!

Enjoy refreshments and lunch! You may even win a prize!

▪ Plant ▪ Rake ▪ Weed ▪ Pick up litter

**For more information:**

- Talk to your department contact
- Check the Campus Beautification Day Website: [http://umanitoba.ca/campus/physical\\_plant/gensvcs/569.htm](http://umanitoba.ca/campus/physical_plant/gensvcs/569.htm)
- Call Wendy (474-9413) - Fort Garry Campus
- Call Ben (789-3792) - Bannatyne Campus
- E-mail [campbeau@cc.umanitoba.ca](mailto:campbeau@cc.umanitoba.ca)

**Rain Date: Friday, May 22nd, 2009**

# Research Associate Positions

## Fort Garry campus units



The University of Manitoba anticipates research associate positions available over the next six months beginning **May 1, 2009 till October 31, 2009**. Successful candidates must hold a doctoral degree or have equivalent qualifications and experience. Minimum starting salary is 33,000.00/annum (under review). We offer a full range of staff benefits for applicable appointments. The University 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.

**Pending approval of grant funding**, there may be positions available in the following areas:

**PLANT SCIENCE:** protein purification, protein biochemistry, cell signaling, cell biology, agronomy, plant physiology, plant biology, biochemistry, molecular biology, plant pathology, plant genetics and genomics and bioinformatics.

**ENTOMOLOGY:** Apiculture, honey bees, parasites, diseases, nutrition, viruses, resistance, immune response, defensive mechanisms, bee breeding, costs of resistance, gene-environment interactions, cultural controls, honey bee management, colony collapse disorder, winter survival of honey bees.

**GEOLOGICAL SCIENCES:** laser ablation ICP-MS; sample preparation and method development, satellite geophysics, SAR (Synthetic Aperture Radar), SAR data from satellites; JERS-1 SAR, ENVISAT ASAR, RADARSAT, TerraSAR-X, geology and geophysics.

**MECHANICAL AND MANUFACTURING ENGINEERING:** finite element method, vibrations, acoustics, ultrasonics, aerodynamics, multiaxial fatigue, fracture mechanics, elasticity, plasticity, composite materials, nano-mechanics, mechanics of materials, nonlinear dynamics, legged locomotion robotics, biomechanics, computer assisted industrial engineering, computer integrated manufacturing, robotics, production planning, integrated CAD, CAPP, CAM systems, reverse engineering, system modeling and simulation, manufacturing process, forming and joining of metals, mechanical properties and repair of gas turbine alloys, teleoperation and robotics, control systems, actuators and fluid power, fracture mechanisms and mechanics, fatigue, acoustic emission, polymers, dislocation theory, corrosion, microstructure-mechanical properties of materials, aerospace materials, polymer and composite processing, composite joining and bonding, thermomechanical processing and microstructural characterization of metallic alloys, alternative energy and modeling of biomass energy conversion systems, high velocity kinetic turbines, icing of wind turbines, droplet and spray vaporization and combustion, turbulent flow, aerospace engineering, acoustic wave propagation, supercritical flow stability, computational fluid dynamics, complex flows, industrial multiphase flows, ice accretion measurement, steam condenser modelling, computational fluid dynamics, transport phenomena in porous media, core analysis, two-phase flow in condensers, heat transfer augmentation, experimental fluid dynamics, turbulent flows, laser doppler velocimetry, computational fluid dynamics, turbulence modeling, large-eddy simulation, direct numerical simulation, environmental fluid mechanics, transport phenomena.

**SOIL SCIENCE:** soil science, micrometeorology, landscape ecology.

**CENTRE FOR EARTH OBSERVATION SCIENCE (CEOS):** atmospheric science with a focus in the field areas of electromagnetic and remote sensing of climate science, sea-ice geophysics, climatology, this includes either mid-latitude or polar environments, atmospheric science with carbon dynamics in polar marine environment, air-surface carbon exchange, estuarine and tundra environments of the Canadian arctic and sub arctic coastal zones, terrestrial ecosystem modeling (soil-vegetation-atmosphere), eddy correlation systems, forest ecology, agriculture or related biological field in statistical modeling, forest biophysical modeling, invasive species biology, landscape change and spatial analysis of the agro ecosystem in remote sensing and image analysis, human geography, human environment, human ecology, or other related fields with a focus on the impact of change on people, especially aspects of subsistence lifestyles (food, clothing, health, education, informal economy) in the boreal forest, arctic, or west coast island environments, atmospheric or meteorological sciences with a focus on one or more of the following: atmospheric modeling (any scale), atmospheric remote sensing, extremes in the weather and climate system, severe weather processes (mesoscale and synoptic scale forcings), surface-atmosphere coupling, boundary layer processes, environmental chemistry, environmental geochemistry, biogeochemistry, aquatic chemistry, cryospheric chemistry, long range transport of contaminants to polar and alpine regions, chemical transport across environmental interfaces, chemical speciation and bioavailability, interaction between climate change and global contamination.

**CHEMISTRY:** electrochemistry, materials characterization with x-ray and electron probe techniques, photoelectrochemical energy conversion, conducting polymers, environmental chemistry, environmental analytical chemistry, metallomics, inorganic chemistry, organometallic chemistry/homogeneous catalysis, high resolution microwave and infrared spectroscopy, computational chemistry, scanning probe microscopy, conducting polymer electronics, systems micro-electronic materials and devices, nanotechnology, liquid crystals and liquid crystal nanocomposites, nanoparticle synthesis and characterization, solid-state NMR of inorganic materials, natural products chemistry, polyketide biosynthesis, vibrational spectroscopy and spectromicroscopy, protein purification, protein biochemistry, cell signaling, cell biology, plant (glyco)biology, biochemistry and molecular biology, systems biology, infrared and raman microscopy of biological samples and polymers, drug design and testing in vivo, organic chemistry, organic synthesis, investigational drug synthesis and purification and in vitro and in vivo testing, development of novel antimicrobials, peptidomimetics, glycotherapeutics, medicinal chemistry.

**PHYSICS AND ASTRONOMY:** high resolution microwave and infrared spectroscopy, experimental condensed matter physics, neutron scattering and hyperfine studies of rare-earth compounds, condensed matter theory and statistical physics, mathematical physics, computational modeling of point defects in insulators, grapheme-structured systems, atomic and molecular physics, electronic properties of nanostructures, spin transport in quantum systems, electron conduction in the DNA, spintronics, precision atomic mass measurements on stable and unstable nuclides using ion traps, time-of-flight mass spectrometry of biomolecules, experimental subatomic physics, expertise with lasers, laser trapping and cooling, ion trapping and cooling, radioactive beams, subatomic physics theory, experimental subatomic physics, high-energy astrophysics, galactic plane survey, astrophysics of compact objects and supernova remnants.

**ELECTRICAL & COMPUTER ENGINEERING:** stochastic modeling of communication systems, markov chains, queueing theory, stochastic ordering of queueing systems, matrix-analytic methods, call admission control, capacity analysis of CDMA systems, tail probabilities, channel coding, LDPC codes, Gilbert-Elliott Markov channel modeling, sensors and actuators, biosensors, computational electromagnetics, microfluidics for biomaterial analysis, and conducting polymer devices, biomedical imaging, and electromagnetic inverse problems.

**MICROBIOLOGY:** antibiotic resistance, antibacterial tolerance, antibacterial drug discovery, microbial genomics, high throughput transposon mutagenesis, database management, bioinformatics.

**ANIMAL SCIENCE:** reproductive physiology, animal genetics, livestock production systems, mathematical modelling, nutrition modelling, bioengineering, molecular biology, microbiology, non-ruminant nutrition, digestive physiology, feedstuff evaluation, nutrition and gut health interactions, nutrient management, beneficiary effects of nutraceuticals & herbal medicine in vascular disorders, environmental sustainability of beef cattle production systems, immunology, mucosal immunity, Lymphocyte assay, microbiology, virology, monoclonal antibody development and genetics, recombinant antibody, molecular biology, cloning, T-RFLP, gene expression, electroporation, recombinant technology, immunohistochemistry, flow cytometry, protein analysis, protein purification, protein biochemistry, cell biology, cell signalling, cell culture, rumen fermentation and metabolic diseases of dairy cattle, nutritional biochemistry, new feedstuff evaluation, antinutritional factors, facilitate field research for the national centre for livestock and the environment in the areas related to nutrient management, environmental microbiology, animal management.

**CENTRE ON AGING:** aging and health from an interdisciplinary perspective, gerontology, epidemiology, public health, social and behavioural sciences.

Application Procedures: Applicants should submit a curriculum vitae, bibliography and names of referees. In your application package, please clearly state the heading (ex: Physiology), and the specific field or areas of specialization. All applications should be sent to:

Kathy Niziol, HRMC

Academic Advertising Coordinator, Human Resource Department, University of Manitoba  
Room 309 Administration Building, Winnipeg, Manitoba, Canada R3T 2N2.  
umanitoba.ca, e-mail: Kathy\_Niziol@umanitoba.ca

Application materials, including letters of reference, will be handled in accordance with the protection of privacy provisions of "The Freedom of Information and Protection of Privacy" (Manitoba). Please note that curriculum vitae may be provided to participating members of the search process.

**The University appreciates the interest of all applicants, however only those under consideration will be contacted.**

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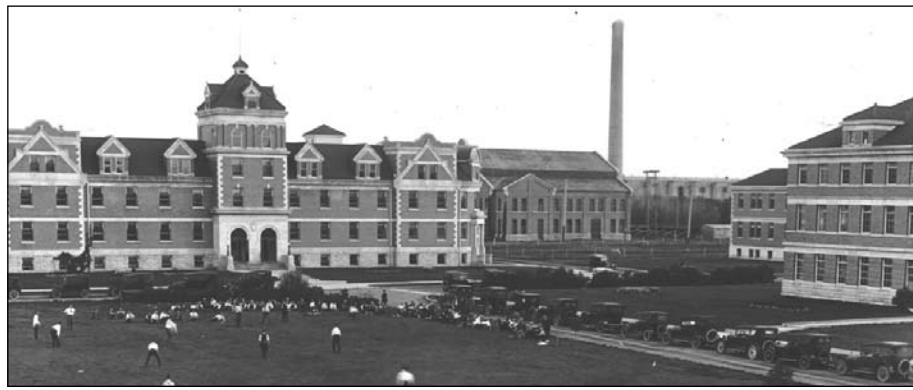


Photo courtesy Archives and Special Collections

A look at Taché Hall during the first half of the 20th century.

## Tour Taché Hall during Doors Open

A trip down memory lane

Float down the spiral staircase of Taché Hall like you're Richard Gere in the movie *Shall We Dance?* Or, listen for the stories its near century-old walls would tell if they could talk.

Taché Hall, the University of Manitoba's oldest student residence, is opening its doors to the public as part of Doors Open Winnipeg. They're offering a guided tour and a day's worth of fun activities on May 23.

A residence since 1912, Taché Hall has hosted students from around the world. The building has retained its original structure and architectural details, making for a superb historical architecture tour. Tour participants can walk backstage in the auditorium or peek into some of the 390 unique residence rooms. This is a rare opportunity for former Taché tenants and history buffs to experience this space, which is normally off-limits to casual visitors. With renovations and a new purpose on the horizon courtesy of the university's \$100-million redevelopment initiative Project Domino, this inside glimpse at residence life at the U of M is all the more timely.

If you would like to share your stories about Taché Hall, volunteer at the event, or get more information, please contact Siobhan Kari at 474-9022 or [siobhan\\_kari@umanitoba.ca](mailto:siobhan_kari@umanitoba.ca).

## Arts & Entertainment

### ARCHIVES AND SPECIAL COLLECTIONS

330 Elizabeth Dafoe Library.

#### TO REMEMBER SPAIN

Curated by Graham Stinnett, History JMP student

April 1 to May 31, Monday to Friday, 8:30 a.m. – 4:30 p.m.

To Remember Spain attempts to portray a broad contextual account of local and international activism during the 1936-1939 Spanish Civil War. Beginning locally with the papers of Lewis St. George Stubbs, M.L.A., a founding member of the Winnipeg Committee to Aid Spanish Democracy, depicting the political and ideological tensions between the burgeoning socialist/anarchist collective mode of production in Spain and the Western states' unwillingness to address the rise of fascism. By drawing out the local Winnipeg actions that contributed to the sustained revolutionary movement in Spain, perspectives of global activism become obvious in the pre-globalization era of today. Accompanying the local is the international exhibit of the Spanish front which include records relating to collectivization of community business and industry in Barcelona, the literature published by famous socialists on the Spanish Republican cause, and the impact of the International Brigades- like the Mac-Pap Battalion from Canada. Ultimately, the exhibit attempts to promote memory as a tool for social action and cohesion across nation-states.

### Marcel A. Desautels 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

- **Ashley Klassen**, third-year voice recital, Young United Church, 8 p.m., Tuesday May 12.
- **Laurelle Froese**, fourth-year voice recital, Eva Clare Hall, 8 p.m., Thursday, May 14.
- **Shane Hicks**, fourth-year trumpet recital, Eva Clare Hall, 8 p.m., Monday, May 18.
- **Jason Barron**, graduate guitar recital, Eva Clare Hall, 7 p.m., Tuesday, May 19.
- **Carolina Nagy-Schick**, graduate violin recital, Eva Clare Hall, 8 p.m., Thursday, May 21.
- **Henry Engbrecht Graduate Fellowship Fundraising Concert**, Westminster United Church, 7:30 p.m., Thursday, May 21. Free admission, a collection will be taken.
- **Bennet Charter**, graduate piano recital, Eva Clare Hall, 8 p.m., Saturday, May 23.

# Events Listing

## University of Manitoba

- 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 May 21 Bulletin is May 13 at 4:30 p.m.

## Bannatyne Campus

### — ST. BONIFACE GENERAL HOSPITAL AND RESEARCH CENTRE

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

#### FRIDAY, MAY 8

**Community Health Sciences: Undergraduate Presentations, Recipients of the 2nd Annual Award for Outstanding Paper in Community Health Sciences**, Waiting list management in Canada by Christopher White, fourth-year medical student; Out of Africa: Male circumcision as a public health intervention against HIV/AIDS in sub-Saharan Africa by Ilan Schwartz, fourth-year medical student; Calcium Supplementation: a review of benefits and risks in post-menopausal women by Lucy Hwi, fourth-year medical student, 12 p.m., Friday, May 8, Dr. Betty Havens Seminar Room R060 Medical Rehabilitation Building.

#### MONDAY, MAY 11

**Pharmacology & Therapeutics**, The contribution of the somato-dendritic accumulation of hyperphosphorylated tau to neurodegeneration by Nicole Leclerc, associate professor, pathology & cellular biology, University of Montreal, Theatre B Basic Medical Sciences Building, 12 p.m., Monday, May 11.

#### TUESDAY, MAY 12

**Internal Medicine Grand Rounds**, The Emerging Swine Influenza Outbreak by Fred Aoki, professor of medical microbiology, internal medicine & pharmacology, Frederic Gaspard Theatre (former Theatre A) Basic Medical Sciences Building, linked to NG002 at St. Boniface Hospital, 8 a.m., Tuesday, May 12.

#### MONDAY, MAY 8

**English: Book Launch**, Media, Memory, and the First World War by David Williams, English, McNally-Robinson Booksellers, Grant Park, 8 p.m., Monday, May 4.

#### FRIDAY, MAY 8

**Winnipeg Institute for Theoretical Physics Colloquium**, Redesigning Electroweak Theory: Does the Higgs Particle Exist? by Dr. J. W. Moffat, Perimeter Institute for Theoretical Physics and department of physics, University of Waterloo, Waterloo, Ontario, 330 Allen Building, 3:30 p.m., Friday, May 8.

#### THURSDAY, MAY 14

**Pediatric Grand Rounds: Harry Medovy Lecture**, Child Health in the 21st Century: Looking ahead At Where We Should Go and How We Might Get There by Jonathan Kronick Head, department of pediatrics, Dalhousie University, IWK Health Centre, Theatre A Basic Medical Sciences Building, 8 a.m., Thursday, May 14. The National Resident and Fellow Research Competition will follow at 9:20 a.m. in Theatre A Basic Medical Sciences Building.

#### FRIDAY, MAY 15

**Community Health Sciences PhD Oral Examination**, Palliative and Hospice Care in South Africa: The Confluence of Context and Education by Carla D.L. Ens, S206i Medical Services Building, 8 a.m., Friday, May 15.

#### TUESDAY, MAY 19

**Geriatric Medicine**, Improving the Discharge Process: Learnings from the CPSI Patient Safety in Day Hospital Discharge Project by Cornelia (Kristol) van Ineveld, associate professor of medicine, postgraduate education director, geriatric medicine, and Elizabeth Boustcha, professor of medicine, chief medical officer, Riverview Health Centre, Frederic Gaspard Theatre (former Theatre A) Basic Medical Sciences Building, linked to NG002 at St. Boniface Hospital, 8 a.m., Tuesday, May 19.

#### TUESDAY, MAY 26

**Infectious Diseases**, Issues and Controversies of *C. difficile* from Bench to Bedside by Thomas Louie, professor of medicine and infectious diseases, University of Calgary, medical director, infection prevention and control, Calgary Health Region, Frederic Gaspard Theatre (former Theatre A) Basic Medical Sciences Building, linked to NG002 at St. Boniface Hospital, 8 a.m., Tuesday, May 26.

## Fort Garry Campus

#### FRIDAY, MAY 15

**Social Work Thesis Defence**, Cultural Retention Among Polish Women Who Came to Canada Between 1945 and 1960 as Displaced Persons or Immigrants by Zofia Perlikowski, 501 Tier Building, 2 p.m., Friday, May 15.

**Physics and Astronomy**, Magnetic Nanoparticles for Novel Applications by Dr. George C., Hadjipanayis RB Murray Professor and chair, physics and astronomy, University of Delaware, 330 Allen Building, 3:30 p.m., Friday, May 15.

#### TUESDAY, MAY 19

**Dr. H. Glass Researcher in Residence**, PROMIS: Turning Clinical Instrumentation Upside Down by Pamela Hinds, 370 Helen Glass Centre, 2:30 p.m., Tuesday, May 19.

## ACADEMIC JOB OPPORTUNITIES

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

#### Department of Pediatrics and Child Health

**Position:** Pediatric intensive care physician as a geographic full time contingent faculty physician at the assistant/associate professor level

**Application deadline:** July 1, 2009

**Position number:** 08016

**For information:** Cheryl Rockman-Greenberg, professor and head, department of pediatrics and child health, Children's Hospital, CE208-840 Sherbrook St., Winnipeg, MB, R3A 1S1, phone 787-2441, fax 787-4807, e-mail [cgreenberg@exchange.hsc.mb.ca](mailto:cgreenberg@exchange.hsc.mb.ca).

#### Department of Obstetrics, Gynecology and Reproductive Sciences

**Position:** Senior epidemiologist/assistant professor

**Start date:** Aug. 1, 2009

**Salary:** Commensurate with qualifications, experience, and research record

**Application deadline:** July 1, 2009

**Position number:** 09703

**For information:** Dr. Margaret Morris, department head, department of obstetrics, gynecology & reproductive sciences, WR120-735 Notre Dame Ave., Winnipeg, MB, R3E 0L8, phone 787-3175, fax 787-2899, e-mail: [mlmorris@hsc.mb.ca](mailto:mlmorris@hsc.mb.ca).

#### Department Of Medical Education Physician Assistant Education Program (PAEP)

**Position:** Clinical coordinator of the Physician Assistant Education Program (PAEP)

**Application deadline:** June 7, 2009

**Position number:** 09666

**For information:** Ms S. Clarke, PAEP program director, office of physician assistant studies, Faculty of Medicine, University of Manitoba, P127-770 Bannatyne Ave., Winnipeg, MB, R3E 0W3, fax 272-3068.

#### Department of Community Health Sciences

**Position:** Faculty positions in biostatistics and epidemiology

**Start date:** Sept. 1, 2009

**Application deadline:** Aug. 1, 2009

**Position numbers:** 09686, 09687, 09688, 09689, GY771

**For information:** Dr. Sharon Macdonald, acting department head, department of community health sciences, Faculty of Medicine, University of Manitoba, S113-750 Bannatyne Ave., Winnipeg, MB, R3E 0W3, e-mail [smacdon@cc.umanitoba.ca](mailto:smacdon@cc.umanitoba.ca).

## CLASSIFIED ADS

The Bulletin welcomes Classified Ads. The rate for ads is \$5 for the first 45 words.

**RIVER HEIGHTS**, character home with many modern upgrades, furnished basement, large backyard. Hardwood floors everywhere, masterbedroom with ensuite and large walk in closet. Second floor reading room. 2131 square feet. \$1800, 296-0782

## Student seeks rowers

The return of warm temperatures and the end of exams means the start of the spring session for the University of Manitoba's Rowing Club.

The club, founded in 2006 by Jiggs Araneta, competes against other universities across the country.

"When I attended the 2006 Canada Summer Games for rowing, I realized one thing and that was rowers in the games can only be up to 20 years old. I wanted to change that," said Araneta.

So Araneta, a University of Manitoba student finishing up his BA in anthropology, decided to post "want ads" around campus to see if anyone would want to join the club.

Three years later, they're going strong with a dozen dedicated members.

"We practise at the Winnipeg Rowing Club. There are different sizes of boats depending on how experienced you are at rowing," Araneta said.

If you would like to join the University of Manitoba Rowing Club, contact president at Araneta [jiggz\\_araneta@hotmail.com](mailto:jiggz_araneta@hotmail.com).

# Research Associate Positions

## Bannatyne campus units

The University of Manitoba anticipates research associate positions available over the next six months beginning **May 1, 2009 till October 31, 2009**. Successful candidates must hold a doctoral degree or have equivalent qualifications and experience. Minimum starting salary is 33,000.00/annum (under review). We offer a full range of staff benefits for applicable appointments. The University 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.

**Pending approval of grant funding**, there may be positions available in the following areas:

**DEPT OF COMMUNITY HEALTH SCIENCES:** health disparities, health policy, aboriginal health, health care delivery systems, quality of care, population health, child health, epidemiology, public health, social and behaviour sciences, knowledge transfer, quantitative social sciences, health services research, social determinants of health, research project management, fetal alcohol spectrum disorder, aboriginal/metis/Inuit/first nations health, knowledge translation, population health, health services, social determinants of health, health transfer.

**HEALTH, LEISURE AND HUMAN PERFORMANCE RESEARCH INSTITUTE:** exercise and environmental medicine, sport and human performance, disability, culture and diversity, health and wellness, leisure and tourism.

**INTERNAL MEDICINE, SECTIONS OF ENDOCRINOLOGY & METABOLISM:** diabetes, insulin, resistance, insulin secretion, islet studies, insulin signaling, influence of fetomaternal factors on adult disease, insulin-like growth factors, genetics and epigenetics.

**PHYSIOLOGY:** Neurobiology, in vivo electrophysiological approaches to systems, neurophysiology, brain and spinal cord slice electrophysiological and pharmacological studies, in vitro brainstem and spinal cord preparations, immunohistochemistry, neural regeneration, magnetic resonance imaging and spectroscopy, cerebral circulation, metabolism and neuroprotection, neuroimmunology, clinical electrophysiology and kinesiology, cerebral circulation, cell culture and transfection, molecular neurobiology, neuroanatomy, proteomics and mass spectrometry, neurochemistry, molecular Endocrinology, transgenic and knockout mouse models, molecular and developmental endocrinology, hormone regulation, hormone action, growth factors and steroid hormones in reproduction, placental and fetal development, molecular genetics of islet cell development and diabetes, protein purification, protein biochemistry, cell signalling, cell biology, gene transfer, prostate and breast cancers, RNA splicing, hypothalamic neuropeptides, molecular cardiology, oxidative stress and heart failure, cardiac apoptosis, growth factors and the heart, matrix proteins, cardiovascular physiology, cardiac metabolism, cardiac membranes and contractile proteins, Ca<sup>2+</sup>-transport, signal transduction, ischemic heart disease, ischemia-reperfusion injury, vascular smooth muscle, hypertension research, protein electrophoresis, methods of preservation of the heart and brain during cardiac surgery using in vivo and in vitro models in combination with magnetic resonance imaging and spectroscopy, airway smooth muscle biology, biochemistry, molecular biology and biophysics, respiratory physiology, asthma and murine models of asthma, vascular smooth muscle biophysics and biochemistry, pulmonary vascular physiology, cell signalling, airway smooth muscle phenotype and function, pre-clinical testing of new treatments for pediatric lung disease, receptor coupling and signalling in airway smooth muscle, exercise physiology, and pulmonary function testing.

**HUMAN ANATOMY AND CELL SCIENCE:** molecular pathways of cell death in neurodegenerative diseases, neuroprotection, oxidative stress, posttranslational modification of protein, behavioral neuroscience, neurobiology of mental disorders.

**PSYCHIATRY:** qualitative and quantitative studies in traumatic stress, suicide, neuroscience, and Alzheimer's disease.

**INTERNAL MEDICINE:** imaging, proteomics, functional genomics, mass spectrometry, cell biology, immunology, molecular biology.

Application Procedures: Applicants should submit a curriculum vitae, bibliography and names of referees. In your application package, please clearly state the heading (ex: Physiology), and the specific field or areas of specialization.

All applications should be sent to:

Kathy Niziol, HRMC

Academic Advertising Coordinator, Human Resource Department, University of Manitoba

Room 309 Administration Building, Winnipeg, Manitoba, Canada R3T 2N2.

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

e-mail: [Kathy\\_Niziol@umanitoba.ca](mailto:Kathy_Niziol@umanitoba.ca)

Application materials, including letters of reference, will be handled in accordance with the protection of privacy provisions of "The Freedom of Information and Protection of Privacy" (Manitoba). Please note that curriculum vitae may be provided to participating members of the search process.

The University appreciates the interest of all applicants, however only those under consideration will be contacted.



One university.  
Many futures.



UNIVERSITY  
OF MANITOBA

# Bringing Research to LIFE

## In Brief

### Arctic chair recognized

The University of Manitoba has been selected from 135 proposals nationally to nominate a world leader for the new Canada Excellence Research Chair (CERC) in Arctic Geomicrobiology and Climate Change. The new federal program was created in 2008 to establish up to 20 prestigious research chairs in universities across the country.

The program will dedicate \$10 million over seven years to each chairholder and their research team to support the pursuit of excellence in research.

Phase 2 of the selection process will involve the CERC Selection Board nominating the final 20 candidates to the Tri-Agency Steering Committee, comprised of the three granting agency presidents. The CERC program will help Canada's universities compete in the global market for research talent.

The CERC program will invest \$28 million a year to attract and retain the world's most accomplished and promising minds and help Canada build a critical mass of expertise in the priority research areas of environmental sciences and technologies, natural resources and energy, health and related life sciences and technologies, and information and communication technologies.

## Upcoming

### Webinar:

#### Health Canada: Clinical Trial Inspections

Wednesday, May 20, 2009

12:00 PM - 1:30 PM

Theatre B

Bannatyne Campus,  
Basic Medical Sciences Building

RSVP by Wednesday, May 13 to:  
woodsm@cc.umanitoba.ca

### Workshop:

#### Applying for SSHRC Funding: Science, Art, Alchemy or Self-Abuse?

Friday, May 29, 2009

9:00 AM - 11:30 AM

540 Drake Centre

MBA Room,  
I.H. Asper School of Business

Register by Wednesday, May 20th  
to: hardere@cc.umanitoba.ca

## Yes, you do need to move more

BY DAVID SCHMEICHEL

It's troubling enough that most Manitobans probably aren't too well-versed in the guidelines laid out by Canada's Physical Activity Guide to Healthy Active Living (CPAG).

But those same guidelines may be setting the collective health benchmark too low, according to the findings of a team of researchers at the University of Manitoba.

In a recent research article by Elizabeth Ready and her colleagues – prepared in conjunction with the province-wide *in motion* initiative on public health – it's suggested the CPAG's recommended activity levels are too low, since they include both specific leisure-time activities (jogging, biking or aerobics) and any activities carried out over the course of a normal day (walking, household chores, yard work, etc).

Prior national surveys on physical activity, however, focused exclusively on leisure-time endeavors, resulting in a significant disconnect between the national stats (which found 49 per cent of Canadians met recommended CPAG levels) and the *in motion* team's own survey of Manitobans, which found a whopping 69.5 per cent made the CPAG grade.

"We were surprised to find quite a lot of Manitobans seemed to be meeting the CPAG recommendations," said Ready, who works out of the Health Leisure and Human Performance Research Institute in the Faculty of Kinesiology and Recreation Management.

"But Manitoba still has increasing diabetes rates and obesity rates, so it seems to be a contradiction – a suggestion that maybe the activity levels aren't high enough."

In conducting the Manitoba survey (a random sampling of 6,536 adults, further broken down according to regional health authority catchments), researchers analyzed both leisure and non-leisure activities, since the CPAG recommends incorporating physical activity into all aspects of daily life.

As part of a new federal initiative, Roberta Woodgate from the Faculty of Nursing will lead a team in examining how First Nations children, and their families, experience and perceive disabilities.

Over the years researchers have examined the impact disabilities have on Canadian children and their families, but little information has been gathered on First Nations families and children. Woodgate's study will rectify this; her project is one of five across the country that recently received funding to examine issues surrounding disabilities.

On April 24, the Honourable Leona Aglukkaq, Minister of Health, announced funding for a new program called Bright Futures for Kids with Disabilities, which supports research



Photo by David Schmeichel

Kinesiology & Recreation Management professor Elizabeth Ready works in conjunction with the province-wide *in motion* initiative on public health to analyze recommended activity levels.

And where most national surveys measured whether or not people met a global threshold of activity based on energy expenditure, the *in motion* team categorized their respondents' activity by duration and intensity (light, moderate or vigorous) -- a system much more closely in line with the CPAG's current recommendations.

Given the aforementioned paradox, researchers are now recommending a revamp of those CPAG guidelines, so they instead focus on physical activities that fall outside of our daily routines.

"If there are this many people meeting the (CPAG) guidelines – yet there are still this many people who have diabetes and heart disease and are overweight – our suggestion is maybe re-looking at the guidelines to see if they're appropriate," Ready said.

"That's what they've done in the States. They've said you need 30

minutes of moderate activity daily, above and beyond routine activities like walking to the fridge or brushing your teeth."

In addition to jibing with recent changes to the CPAG's equivalent in the U.S., Ready's findings also coincide with an ongoing reevaluation of the CPAG already underway here in Canada.

If and when the CPAG guidelines are updated, Ready hopes increased efforts are made to bring them to the public's attention.

"There's a need to promote the guidelines more," she said. "If they are revising them, now would be a good time to bring them back out with a splash."

To read the *in motion* team's article in full, check out the National Research Council Canada website: <http://pubs.nrc-cnrc.gc.ca/rp-ps/inDetail.jsp?jcode=apnm&vol=34&is=2&lang=eng>

## Enabling better lives for disabled

aimed at improving the lives of disabled children and their families.

The program, funded in part by the Canadian Institutes of Health Research, will distribute \$3.9 million over three years.

Canadian researchers have achieved international success in helping restore physical function to disabled children by way of the artificial limbs and mobility devices created in our nation's laboratories.

But now our researchers want to learn how disabled children can lead fuller, higher-quality, lives.

Adopting a participatory and culturally relevant approach, Woodgate and her team of academics, doctors, policy-makers, and service providers, will detail the perspectives and

experiences of First Nations families of children with disabilities.

Woodgate will also examine what needs they have and what services they use; how the child's role in everyday life is viewed by the family and community, and how the physical, individual, social, environmental, and cultural conditions contribute to how such families of children with disabilities participate in everyday life.

A variety of data collection methods will be used, including open-ended interviews, photovoice, and a policy and document review.

The team views the study as essential to advancing Jordan's Principle, the child-first principle developed to honour the death of a disabled Norway House Cree Nation child.

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

Published by the Research Communications and Marketing Unit,  
Office of the Vice-President (Research)  
Comments, submissions and event listings  
to: [lindsay\\_fagundes@umanitoba.ca](mailto:lindsay_fagundes@umanitoba.ca)  
Phone: (204) 474-9020 Fax (204) 261-0325

# Top grads honour pivotal teachers

## Event celebrates teachers who have shaped academic careers

BY DALE BARBOUR  
The Bulletin

This year it was all about going the extra mile.

It's a phrase that cuts to the heart of student teacher relationships but it held particular resonance this year given that many of the people honoured at the 17<sup>th</sup> annual Students' Teacher Recognition Reception on April 30 came from across Canada and around the world.

Joanne Keselman, vice-president (academic) and provost, is a three-time University of Manitoba graduate and credited the outstanding teaching she received at the university level for allowing her to excel.

But just as important were the formative experiences she had in her K to 12 years, including her Grade 1 teacher who organized Keselman and the others into groups and helped them bond with one another.

"That Grade 1 teacher made me feel at home and safe," Keselman said at the start of the event.

Outgoing University of Manitoba Students' Union president Jonny Sopotniuk said part of growing up is realizing that teachers who at first seem like fairy tale figures are parents, partners and people with lives of their own.



Photo by Dale Barbour

Psychology student Freda Howell, right, praised Katherine Starzyk, psychology, for being a tough but fair professor at the 17<sup>th</sup> annual Students' Teacher Recognition Reception on April 30.

For Agricultural and Food Sciences graduate Jonathan Veilleux it was seeing into that personal world that helped him bond with Séminaire de la Très-Sainte-

Trinité teacher Marc Bellemare.

"During our first year Marc would work us hard, but he needed to drive me to school and through that I got to

know the man behind the professor and I learned he was a great person," Veilleux said.

Arts graduate Freda Howell honoured Elizabeth Abraham, her teacher at Mount Carmel School, New Delhi, India. Abraham was one of several teachers from around the world who was honoured at the event.

While she spent her first years in an all-girls school, Howell said Mount Carmel was a co-ed school.

"I hated sitting next to boys," Howell said. "But Elizabeth helped me adjust and I learned that boys were not so bad."

And for Clayton H. Riddell Faculty of Environment, Earth, and Resources graduate Jeffrey Willows it was the constructive criticism that he received from human geography professor William Norton that he appreciated the most. Willows said when he hit university he fell into the habit of trying to impress his teachers with long wordy submissions. Norton called him to task on the habit.

"He said, 'You are inebriated by the exuberance of your own verbosity,'" Willows recalled with a laugh. The point was made, elegantly.

Below is a list of outstanding students and teachers.

## Students honour K to 12 and university teachers

### AGRICULTURAL & FOOD SCIENCES

**Jonathan Veilleux**  
Agroecology

honoured,

Marc Bellemare, Séminaire de la Très-Sainte-Trinité, QC

Neil Holliday, Entomology

### ARCHITECTURE

**Janelle Fillion**  
Architecture

honoured

Luc Nadeau, École communautaire Réal-Bérard

Deborah Scott, Furniture Design

### ARTS

**Freda Howell**  
Psychology

honoured

Elizabeth Abraham, Mount Carmel School, New Delhi, India

Katherine Starzyk, Psychology

### ASPER SCHOOL OF BUSINESS

**Melanie Rose Klippenstein**  
Actuarial Mathematic

honoured

Deb Woloshyn, Samuel Burland School

Kevin Shand, Actuarial Studies & Research

### SCHOOL OF ART

**Karen Asher**

honoured

David McMillan, Photography

### CLAYTON H. RIDDELL, ENVIRONMENT, EARTH & RESOURCES

**Jeffrey Willows**

Geography

honoured

Mike MacWilliam, Silver Heights Collegiate

William Norton, Human Geography

### DENTISTRY

**Peter Zettler**

Dentistry

honoured

Mike Lukyn, Portage Collegiate Institute

Charles Lekic, Pediatric Dentistry

### EDUCATION

**Michael Moreau**

Education

honoured

Larry Petkau, Collège Pierre-Elliott Trudeau

Ralph Mason, Curriculum Teaching & Learning

### ENGINEERING

**Carly Delavau**

Civil Engineering

honoured

Dean Favoni, Dakota Collegiate

James Blatz, Civil Engineering

### KINESIOLOGY & RECREATION MANAGEMENT

**Carrie Ryman**

Motor Learning & Development

honoured

Tom Fischer, Emerson Elementary School

Janice Butcher, Motor Learning & Development

### MEDICINE

**Philip Bock**

Undergraduate MD Program

honoured

Evelyn Davison, Winnipeg Mennonite Elementary

Jerry Vriend, Human Anatomy

### MARCEL A. DESAUTELS FACULTY OF MUSIC

**Robert Chrol**

Music

honoured

Sally Metcalfe, Maple Leaf Elementary

Ken Gold, Jazz Studies & Saxophone

### NURSING

**Harriet Yarmill**

Nursing (BPRN)

honoured

Irene Henderson, Reditt School

Susan McClement, Nursing

### PHARMACY

**Margo McCrae**

Pharmacy

honoured

Tannis MacDonald, Vincent Massey High School

Lavern Vercaigne, Clinical Pharmacy & Therapeutics

### HUMAN ECOLOGY

**Shirley Angelia Simadiputri**

Human Ecology

honoured

Teddy Aryawan, SMAK 4 Penabur Jakarta, Indonesia

Connie Magalhaes, Foods & Nutrition

### SCIENCE

**Sophie Davie**

Science

honoured

Roger Rouire, Vincent Massey Collegiate

William Korytowski, Mathematics

### SOCIAL WORK

**Omar Adan**

William Norrie Centre Inner City

Social Work

honoured

South Hill Education Centre

Eveline Milliken, Inner City Program

## Join us for Campus Beautification Day on May 21

Campus Beautification Day will be held on Thursday, May 21. This is the 12th year of this highly successful event which is made possible by the great leadership of the physical plant staff.

Staff, students, faculty and retirees are invited to participate on a voluntary basis to help beautify the campus.

If you have any questions, please contact either Michele Rogalsky at 474-6286 or e-mail [rogalsky@cc.umanitoba.ca](mailto:rogalsky@cc.umanitoba.ca) or Lyle Morin at 474-6285 or e-mail [morinl@cc.umanitoba.ca](mailto:morinl@cc.umanitoba.ca). Questions from the

Bannatyne campus can be directed to Ben Domaradzki at 789-3792.

On Campus Beautification Day, a barbecue lunch sponsored by ARAMARK will be held at noon in the quadrangle on the Fort Garry campus and in front of the Brodie Centre on the Bannatyne campus for all volunteers. Pepsi will be providing the refreshments. The BookStore and other businesses on campus will be donating "door" prizes for the event. This year the grand prize is two airline tickets donated by West Jet.

Volunteers are asked to bring gloves, rakes and

spades from home although some will be provided by physical plant. Physical plant will be hiring additional grounds staff during the summer to maintain the work. The project will commence at 9 a.m. and continue throughout the day. Everyone is invited to participate for as much time as their schedules permit. In the event of rain, the rain date is Friday, May 22 so please keep that date open as well.

Following the barbecue on the Fort Garry campus, there will be a tree planting ceremony to commemorate the 12th year of this highly successful event.