‘C’ is for cookie?

Food scientists are helping people understand how to build better foods.

Thank you

Students pay respect to the teachers who helped them achieve their life goals.

Alumni get top billing

The Caldwell Partners International, Canada’s largest executive search firm, have honoured three University of Manitoba alumni in the annual “Top 40 Under 40” list, The Globe and Mail has announced.

Brendan Frey, MSc'93; Thomas Mawhinney, BComm(Hons)'90; and Wade Miller, BPE'95, are three of 40 recipients out of a total of approximately 1,400 nominees from across Canada.

"We are delighted three University of Manitoba graduates have been honoured with this national award this year," said president Emőke Szathmáry. "One’s inclusion on the ‘Top 40 Under 40’ list is an outstanding measure of one’s success, and the University of Manitoba is extremely proud of these phenomenal alumni. Our warmest congratulations go to Brendan Frey, Thomas Mawhinney, and Wade Miller."

In choosing the recipients, a board considers nominees’ achievements in five areas: vision and leadership, innovation and achievement, impact, community involvement and contribution, and growth/development strategy.

Mawhinney is president of WellPoint Systems Inc., based in Calgary. His company develops software specifically for the oil and gas, mining and exploration industries.

WellPoint Systems Inc. was recently named a member of the Branham Group’s “Top 20 Movers and Shakers” for 2006 based on its remarkable performance.

Brendan Frey is an associate professor in electrical and computer engineering at the University of Toronto. He has consulted for Microsoft Research and authored numerous papers on machine learning, molecular biology and computer vision. His research has been recognized around the world and he has been honoured as a highly skilled teacher.

Graduating in style

The University of Manitoba recognized more than 100 Aboriginal students at the 18th Annual Traditional Graduation Powwow held Saturday, May 5 in the Investor’s Group Athletic Centre.

Aboriginal university students, including the first PhD candidate in Social Work at the University of Manitoba, were honoured and commemorated with invocations by chiefs and elders.

The day-long celebration is one of the largest powwows of its kind in Canada. Every year the Annual Traditional Graduation Powwow honours Aboriginal students who have completed a post-secondary program with a unique mix of traditional ceremonies, formal presentations, and community atmosphere. The list of graduating students ran across a number of fields with people in Law, masters of arts and masters of architecture. The masters of architecture students were significant contributors in the design of the state-of-the-art Aboriginal Students’ Centre, which is currently in development. Michael Hart, a lecturer in the Faculty of Social Work and already three-time University of Manitoba graduate, is the only Aboriginal candidate in the doctor of philosophy program in the Faculty of Social Work.

The afternoon included commentary by president Emőke Szathmáry and Grand Chiefs Ron Evans and Chris Henderson.
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.

Books with Wings
April 30
The Kingston Whig-Standard

University of Manitoba medical students were credited in a story in the Kingston Whig-Standard for their role in the successful nation-wide program Books with Wings. The program, which sends used textbooks and lab equipment to libraries in countries such as Afghanistan and Cambodia, was launched in 2002. In the few years since the project was launched other University of Manitoba faculties and several Canadian universities have joined forces to help students overseas have newer and better learning materials.

Cocoa not just tasty
April 30
The Boston Globe

Norman Hollenberg, a three-time University of Manitoba graduate and Harvard Medical School professor, was featured in a profile in the Boston Globe for his research on the health benefits of cocoa. Hollenberg is looking at how the antioxidant flavonoids might protect against major illnesses, including heart disease, cancer, diabetes, stroke, and neurodegenerative disease. His work has taken him near the Panamanian coast to the Kuna Indian tribe, where some residents drink five or more cups of homegrown cocoa per day and experience significantly lower death rates from heart attacks, stroke, diabetes and cancer.

Big book award
April 30
The Globe and Mail

Faith Johnston’s biography A Great Restlessness: The Life and Politics of Dories Nielsen was named best book of the year by a Manitoba publisher (University of Manitoba Press), best first book by a Manitoban, and best work of non-fiction at the best book of the year by a Manitoba publisher. The Globe and Mail Johnston won $11,000, including the prestigious McNally Robinson Book of the Year Award. Ted Paranjothy, for his research on cancer which won him a National Cancer Institute of Canada’s “Top 40 Under 40” was awarded a Top 40 Under 40. Frey photo by Caz Zvyatkauskas, U of Toronto.

Top 40 under 40

From Page 1.

Football fans may remember Wade Miller as a tough fullback who eagerly took on bigger opponents on the gridiron as a University of Manitoba Bison and Winnipeg Blue Bomber. Today, Miller heads up Pinnacle Staffing Solutions Inc., a Winnipeg employment services firm that saw its revenues double, triple and then double again over a three year period. Canada’s “Top 40 Under 40” is a national program founded and managed by The Caldwell Partners to celebrate leaders of today and tomorrow, and to honour Canadians who have reached a significant level of success but have not yet reached the age of 40. The program is designed to promote mentorship and professional development by introducing leaders to the established business community and by promoting them as role models for young Canadians.

Spring Convocation is coming

Sessions of the 128th Spring Convocation at the University of Manitoba will be held in June, as listed below:

Honorary degrees are awarded for distinguished achievement. Candidates for honorary degrees are nominated by members of the university and the public.

This year, honorary degrees will be awarded as follows:

Tuesday, June 5
10 a.m., Investors Group Athletic Centre
Hon. Doctor of Laws: Stephen Lewis
Hon. Doctor of Laws: Her Excellency the Right Honourable Michaëlle Jean

Wednesday, June 6
10 a.m., Investors Group Athletic Centre
Hon. Doctor of Laws: Melvin George Wiebe

The Faculty of Medicine Convocation presented an Honorary Doctor of Laws to Bruce Duncan Campbell on May 4. The program is designed to promote mentorship and professional development by introducing leaders to the established business community and by promoting them as role models for young Canadians.
Meet Manitoba’s newest doctors

Since January 2007, students in the Faculties of Medicine, Dentistry and Nursing have collected thousands of textbooks to send to universities in Kabul, Kandahar and Herat, Afghanistan as part of the Books with Wings project.

University of Manitoba students and students from other Canadian universities have collected thousands of textbooks and have donated $3,000 to the project. The program was launched by a University of Manitoba professor in 2002.

Now, University of Manitoba students need the community’s help to raise $5,000 by June 1 so 1,600 more medical, dentistry and nursing textbooks can be shipped to Montreal and then Afghanistan. More than 4,000 books, valued at about $150 each, have already been shipped by students from University of Manitoba and across Canada.

“Books with Wings has become a lifeline in the education of medical, dental and nursing students in these war-torn areas, where universities often have outdated or no such books at all,” says Ellen Sim, Grad Perio Clinic, Faculty of Dentistry.

“Court students and the students from across Canada who have collected, catalogued and boxed these books should be extremely proud.”

Richard Gordon launched Canada’s first Books with Wings program in 2002 after he saw an appeal for textbooks from the head librarian at Kabul University on CNN. Since then, several other Canadian universities have joined the Kabul Medical Library Project to benefit students in war-torn areas such as Kandahar, Kabul and Herat.

Donations can be made online at: umanitoba.ca/admin/dev_adv/howtogive/donation/index.html. Please reference the Books with Wings Project.

KAREN BUSHBY
A law professor at the University of Manitoba, Karen Bushby’s mission is to eliminate inequality and disadvantages against women, in areas ranging from violence against women to discrimination due to sexual orientation. She has worked in law reform, in professional and community education, and is a forthright advocate for the human and legal rights of all women.

Karen has served diligently on the Manitoba board of the Women’s Legal Education and Action Fund, was a founding member of Gossip (Group Organizing on Same Sex Issues and Principles), and is a board member of Egale Canada (a national organization representing the interests of gays, lesbians, bisexuals and transfolk).

LESLEY DEGNER
As a scholar in the Faculty of Nursing, Lesley Degner has become internationally recognized in the area of patient involvement in medical decision-making. She has received 36 operating grants worth more than $6.5 million, one of which is a $1.7 million Chair from Canadian Health Services Research Foundation, a ten-year award to develop a research program in evidence-based nursing practice and cancer care, palliative care, and cancer prevention.

In 2004, Degner sparked development of a joint PhD program in cancer control in the University of Manitoba’s Faculty of Graduate Studies, bringing together the nursing and medicine faculties for a doctoral training program unparalleled in Canada.

ANG’ER RUAy
As a child, Ang’er Ruay survived the atrocities of civil war in southern Sudan and was orphaned at the age of five. Her life at the age of 17 was one of wandering through jungles and taking shelter in refugee camps. Today, she is one of Winnipeg’s “200 Lost Boys and Girls of Sudan.”

Excited by the Faculty of Nursing at the University of Manitoba, she holds down from one to three part-time jobs, and volunteers in the Sudanese community, where Sudanese women see her as a leader and advocate.

Ang’er’s ultimate career goal is to return to Sudan to work as a nurse, and, some day, to open a medical clinic in her home village of Mualal-Kon.

The University of Manitoba was well represented at the 31st annual YMCA-WCAs of Winnipeg Women of Distinction Awards held on Wednesday, May 2.

Law professor Karen Busby was honoured in the business and the professions category. Nursing professor Lesley Degner was honoured in the research and innovation category while Nursing student Ang’er Ruay was honoured as a young woman of distinction.

The goal of the YMCA-WCAs awards is to increase public recognition of women who have earned the community’s admiration and respect. The awards recognize women who have enriched the community and inspired people through their creativity, leadership, passion and dedication. Women nominated from across Canada who have collected, catalogued and boxed these books should be extremely proud.

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Our YMCA-YWCA Women of Distinction

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Football players drafted by CFL teams

Conrad and Karhut take run at a professional career

By Chris Zuk

Bison Sports Information Officer

Two Manitoba Bison football players were selected in the 2007 Canadian Football League (CFL) Canadian College Draft. Third-year offensive lineman Darryl Conrad and second-year OL Ryan Karhut have been chosen. Overall, 16 Manitoba Bisons have been picked during the last six CFL drafts.

In the CFL Draft, The U of M has accumulated the most players drafted by a university over the last eight years with 20 selections. The Bisons have had players selected for the last seven of the last eight CFL Drafts: 2000 (2), 2001 (2), 2002 (7), 2003 (5), 2005 (3), 2006 (1) and 2007 (2).

The Montreal Alouettes selected Darryl Conrad in the second round (15th overall). This is the second highest selection of an offensive lineman in program’s history following Randy Ambroise (second pick by Calgary in 1998). Conrad, 22, plays at the offensive tackle position and had a fantastic 2006 season. He bolstered a Bisons offensive line that allowed the least amount of sacks for the conference during the 2006 regular season and helped open holes for the Bisons rushing offense (216.8 yards/game). Conrad was number one in offense with 45.4 points per game (363 points), second in pass offense (285 yards/game) and third in rushing defense (216.8 yards/game).

The 6’5”, 285 lbs. player started in all eight regular season games and two playoff games this season. Conrad was converted from the defensive line where he played his first two seasons with the Bisons. In his first two positions, Conrad registered three tackles and one fumble recovery in 2005 and six tackles (one for a loss) and one sack in his rookie season in 2004. He also is strong in the classroom as he earned Academic All-Canadian recognition in the 2004-05 school year.

The Saskatchewan Roughriders selected Ryan Karhut in the fifth round (99th overall). Karhut, 25, plays at the offensive line position and had a strong 2006 season. He bolstered the Bisons offensive line that allowed the least amount of sacks for the conference during the 2006 regular season (eight in eight games). The Regina native was a 2005 Canada West All-Star and played on the offensive line that allowed the least amount of sacks for the conference during the ’05 regular season (ten in eight games).

The 6’3”, 300 lbs. player was one of four Manitoba Bison football players to be selected to the fourth annual East West Bowl in 2006. Karhut started in all eight regular season games and two playoff matches in 2006 and started in all eight regular season games and one playoff match in 2005. Prior to the Bisons, he played for Edmonton Huskies O-Line from 2001-03 and his accomplishments: three time PFC all-star and three time CJFL All-Canadian and played for Team Alberta at the 1999 Canada Cup.

Bison Football head coach Brian Dobie commented, “As always, CFL offensive lineman and Bison offensive line coach Brent McNeil and offensive run game coordinator Vaughan Mitchell have done a great job in development and preparing our players for the opportunity to play at the next level.”

Heading into the 2007 season, the Bisons have the most alumni players playing in professional football of all of the CIS teams. They have 14 players listed on CFL rosters (two more on training camp roster) and one player on a NFL roster. As well, there is one coach who was a part of the Bison staff that works for a CFL club.

Bison roots, professional career

Former Bisons Currently Playing Professional Football (as of May 2/07)

<table>
<thead>
<tr>
<th>CFL Team</th>
<th>Player</th>
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<tbody>
<tr>
<td>Ottawa Rough Riders</td>
<td>Gabe Portzline</td>
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<td>Calgary Stampeders</td>
<td>Pat Best</td>
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<td>Saskatchewan Roughriders</td>
<td>Hector Rawlins</td>
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<td>Toronto Argonauts</td>
<td>Dwayne Callaghan</td>
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<td>Edmonton Eskimos</td>
<td>Craig Boutilier</td>
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<td>Montreal Alouettes</td>
<td>Darryl Conrad</td>
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<td>Winnipeg Blue Bombers</td>
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<td>Saskatchewan Roughriders</td>
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<td>Saskatchewan Roughriders</td>
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<td>Alberta Stampeders</td>
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<td>Dustin Howse</td>
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<td>Calgary Stampeders</td>
<td>Mike Wilson</td>
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Bison team heading to hall of fame

The Manitoba Hockey Hall of Fame and Museum announced that 14 individuals and two teams would be inducted into the hall at a dinner at the Canad Inn Polo Park, on Oct. 6. Of those nine teams was the 1964-65 University of Manitoba Bisons men’s hockey team. The 1964-65 Bison men’s hockey team had a 10-2 regular season record and they captured the Canadian Intercollegiate Athletic Union (CIAU) championship and Canada West championship. In the CIAU championship held in Winnipeg, the squad defeated Laurentian by a 10-4 score in the semi-final and beat St. Dunstans by a 9-2 result in the championship Final.

The 6'5", 285 lbs. player started in all eight regular season games and two playoff games this season. Conrad was converted from the defensive line where he played in his first two seasons with the Bisons. In his first two positions, Conrad registered three tackles and one fumble recovery in 2005 and six tackles (one for a loss) and one sack in his rookie season in 2004. He also is strong in the classroom as he earned Academic All-Canadian recognition in the 2004-05 school year.

In addition to the induction announcements, the Manitoba Hockey Foundation celebrated its 40th anniversary and announced three members of the University of Manitoba women’s hockey team and four men’s team players were recipients of the R.A. (Sam) Fabro Scholarships. The winners are: Shannon Hoogsteen, Brenna Leary, Katherine O’Rourke, Steven Thiessen, Justin Harris, Kip Workman and Calin Wild.

Bisons on Team Canada

After a four-day selection camp held during the April 30 week at the Team Canada Volleyball Centre at the University of Manitoba, Team Canada announced the senior men’s athletes for the 2007 International Volleyball season. This year’s team includes three Manitoba Bison players from the 2006-07 season. Libero Josh Klassen, left side Toon van Lankvelt and middle blocker Nathan Toews join Bison alumni sette, Mike Murray and Scott Koseki on the roster.

The team will now train for three weeks preparing for their participation in the prestigious FIVB World League of Volleyball. Team Canada first sees World League action May 25 and 26 at Finland at the John Labatt Centre in London, ON. At this time, a second team will continue training in Winnipeg and travel to the Pan Am Cup, which will take place June 1-9 in the Dominican Republic.
Marks of Achievement

The Bulletin in Winnipeg, Manitoba - May 17, 2007

Robert Kerr, vice-president (academic) and provost of the University of Manitoba, has been reappointed for a two-year term from July 1, 2007 to June 30, 2009. In addition, Kerr is eligible to be re-appointed for a further three year term on the recommendation of the next president.

I am pleased to advise that the Board of Governors has accepted my recommendation that Dr. Robert Kerr be re-appointed vice-president (academic) and provost,” President Emöke Szathmáry said.

The re-appointment was based on advice received from a review committee which met with Kerr and also considered written comments received from the university community.

“The committee re-enforced my view that Dr. Kerr has made significant contributions as vice-president (academic) and provost. I look forward to continuing working with him as a member of my administrative team,” Szathmáry added.

Kerr has been with the University of Manitoba since July 2002. Previously, he was dean of the Faculty of Applied Health Sciences at Brock University and chair of kinanthropology in the School of Human Kinetics at the University of Ottawa.

Kerr’s earlier academic appointments were at McMaster University and Memorial University. Kerr received his PhD (1972) from the University of Oregon. He also holds a Teaching Certificate (1966) from the University of Kent in England, and a Diploma in Physical Education (1966) from Saint Luke’s College in England. Kerr’s area of research specialization is in kinesiology, specifically, in psychomotor learning.
Kerr journeys through India by train

Books

by University Staff

BY DALE BARBOUR

People love to tell tales of how the railway played a role in the making of Canada – or unmaking depending on which side of the colonial fence you were sitting on. But the role the railway played in India doesn’t always receive the same amount of attention.

University of Manitoba senior scholar Ian Kerr is doing his part to change that situation with two new books, *Engines of Change: The Railroads That Made India* and *27 Down: New Departures in Indian Railway Studies*. “Both attempt to contextualize the railways; to show how they shaped the making of modern India within the contexts of colonialism, nationalism, and post-colonial aspirations,” Kerr said.

Indeed, a look at contemporary Mumbai with its jam-packed commuter trains paced at 30-second intervals provides a compelling argument for the continued impact of the train on India. “My interest is not primarily in railways as physical structures and machines, but rather in their social, political and economic dimensions and consequences,” Kerr said. In his work, he points out that it wasn’t the physical presence of the railways that was the engine of change in India, but rather the knowledge, skills, practices and organizational forms that were embodied in that large-scale technical system.

As Kerr notes, people make history, not machines. *Engines of Change* was published by Praeger Press as part of its Moving through History: Transportation and Society Series. The book traces the development of the railway system from 1850 to 2006. “For the British the railways were a double-edged sword. They were a crucial instrument of control of colonial India – they could quarter the troops in one area and then quickly move them to where they were needed,” Kerr said. “To that end a line was soon built to reach the northern-western frontier with Afghanistan, against which the British fought three wars.” But in helping foster the extensive movement of people and products the railways also played a role in facilitating the growth of nationalism(s) in South Asia and the creation of India and Pakistan in 1947.

Mahatma Gandhi saw both aspects of the railway, criticizing them as a tool of British control, but at the same time using them to spread his views on Indian nationalism.

Kerr edited and provided a chapter for *27 Down*, which is part of the New Perspectives in South Asian History series published by Orient Longman. The book is a deliberate attempt to fill some of the gaps in the historiography around India’s railways. “It includes a mix of older, established scholars, many of them writing from a political economy perspective, and new, up-and-coming writers who embrace a cultural studies perspective,” Kerr said.

Kerr’s own work in *27 Down* focuses on labour in railway workshops: little studied crucibles for the development of heavy industry in India, massive employers of industrial labour, and important sites for the growth of the Indian working class. Other works, such as a chapter by a young Dutch anthropologist Dennis Weitering, study the life of modern railway porters.

“My goal was to provide a range of topics that could be investigated under the heading ‘railway,’” Kerr said. “The contributors examine new topics, they provide some ideas for future avenues of research, and some tools to facilitate that research.” To the latter end, the book also comes with a CD packed with railway statistics, images and other railway-related material.

While Kerr retired from the University of Manitoba in 1999, he’s clearly still an active scholar. His undergraduate degree was earned from the University of Pennsylvania in 1962 when India was leading a wave of countries into the post-colonial era, making it a tempting field of study. He went on to do his graduate work in the history of India at the University of Minnesota.

“India is a fascinating place and I’ve never regretted making it my field of study,” Kerr said.

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Finding ways to green the campus

Sustainability on Campus

Campus Beautification Day, rescheduled for Wednesday, May 30 due to weather concerns, is generally considered a day to make our campus more attractive and lush.

This year, Campus Beautification Day is also about making our campus a little greener. With the help of the University of Manitoba recycling and environmental group, the waste prevention office, food services, general services and student volunteers, Campus Beautification Day 2007 will be greening the campus in more ways than one.

This year Campus Beautification Day will incorporate various “greening” initiatives into the usual mix of activities.

Wood chips generated on campus from tree trimmings will be used as mulch, finished compost from the university’s compost site will be used in garden centres. Recyclables and yard waste collected in the clean up will also be diverted from the waste stream.

An educational element will also be added to the annual event. Along with various workshops delivered by general services on proactive methods of reducing pest infestations and tree protection, the event will have information for campus green thumbs on backyard composting and organic lawn care.

Resource Conservation Manitoba, a non-profit organization for environmental education and applied sustainability, will be on hand at the university’s quad to offer information and advice to those interested in backyard composting while the Manitoba EcoNetwork, an umbrella organization for environmental groups working on a wide range of issues in Manitoba, will be on site to show participants how to effectively maintain a beautiful lawn without the use of chemicals.

Finally, the lunch itself will be reducing its overall ecological footprint by minimizing the waste produced at the noon-hour barbecue. By working with Aramark, the university’s food service provider, most of the waste generated at the barbecue will either be recycled or composted.

And, to ensure the waste ends up in the right bins, students from the Natural Resource Institute’s sustainability committee will act as waste stewards to guide participants in the proper use of the various waste bins.

After the wrap up, UMREG and the waste prevention coordinator will ensure that the material collected is sorted and sent for recycling or composting.

All partners involved are looking forward to using Campus Beautification Day as an example of how to reduce waste for future events and are anxious to work with all participants to reduce, reuse and recycle!

From left, CBC News at Six host Janet Stewart, Faculty of Nursing dean Dean Care and president Enike Szathmáry take part in a tour of the faculty’s patient simulation laboratories. SuperJimmy, the child-sized simulator, can blink, breath and even simulate health problems.

Think you know Nursing? The field is changing every day

The Faculty of Nursing opened the doors to the Helen Glass Centre on May 8 to showcase cutting edge teaching technology, including ‘patient simulators’ that wink, bleed, breathe, and even have heart attacks.

Faculty, staff and students held the day-long open house and a student art exhibit in addition to displays, presentations and workshops all week across the city in recognition of National Nursing Week 2007, an annual event organized by the Canadian Nurses Association. CNA chose the theme, Think you know nursing? Take a closer look to help challenge perceptions of the role of nurses in the Canadian healthcare system.

“Demand for nurses has created dynamic opportunities in nursing education and degree programs. That diversity shows itself in the range of careers, research, funding and teaching opportunities our graduates undertake,” said Dean Care, dean of the Faculty of Nursing.

Janet Stewart, host of CBC News at Six, gave a salute to nurses at the open house, with a particular nod to her own mom who is a retired nurse.

“I think the most important job there is because it connects with the central thing that is best in all of us. You truly touch people’s lives,” Stewart told the people on hand for the open house, many of them nurses themselves.

“And you’re so lucky to be entering the profession at this time where the world is coming to realize how important nurses are.”

The diversity of the jobs open to today’s nurses was exemplified by the quality of lab equipment students have to work with. The new patient simulators, nicknamed “SuperJake” and “SuperJimmy,” were a highlight of the open house tour. The life-sized, computerized mannequins can do everything from mimic a gunshot wound to simulating a drug overdose.

As part of an interactive wellness centre students also provided health information and assessments including blood pressure tests and, for those brave enough to find out, conducted tests to show effectively participants had washed their hands.

Success for U of M Press

The University of Manitoba Press had plenty to celebrate at the Manitoba Book Awards, held Saturday, April 28. Three of the publishing house’s authors walked away with six prizes, four of which were for Faith Johnston’s A Great Restlessness: The Life and Politics of Doris Nielsen.

The tally sets a new record for an individual author and for a Manitoba publisher. The U of M Press winners included:

Faith Johnston, U of M class of ‘65, author of A Great Restlessness, a biography of political pioneer Doris Nielsen. Johnston won four awards: the McNally Robinson Book of the Year, the Isbister Non-Fiction award, the Mary Scarer award, and the Ellen Sykes award.

Earlier this year, she also won the national Kinney Award for Labour History. Along with being a U of M alumna, Johnston also attended St. John’s College.

Serena Keshavjee, editor of Winnipeg Modern: Architecture 1945 to 1970, winner of the Carol Shields City of Winnipeg award. Herbert Enns, a professor in the University of Manitoba’s Faculty of Architecture, was the designer for Winnipeg Moderns.

J.M. (Jack) Bumsted, author of A St. John’s College: Faith, Education, and History in Western Canada, won a McWilliams History award, presented by the Manitoba Historical Society. Bumsted is a history professor with the University of Manitoba and a St. John’s Fellow.

Jurors for the awards come from the writing and publishing communities across Canada.

The success comes as the University of Manitoba Press is kicking off its 40th anniversary, making it a great way for the publisher to start its fifth decade of publishing.
The University of Manitoba is opening its doors to the public with guided tours in the heart of the Fort Garry campus as part of Doors Open Winnipeg 2007. Guided tours begin at the Fireplace Lounge in University Centre at 11 am and 1 pm on Saturday, May 26, and Sunday, May 27.

Visitors will tour the heart of the Fort Garry campus, going inside three historic buildings: the Georgian-style Administration and Human Ecology Buildings, and the classrooms and lecture theatres of the Gothic-style Tier Building. Archives and special collections head Shelley Sweeney said the university represents a treasure trove of architecture outside of the city’s centre.

Students can also look forward to special season ticket prices in the fall when the University of Manitoba kicks off a new year of athletics and competition.

Events Listing
University of Manitoba

Doors Open at U of M

The original buildings on the Fort Garry campus — buildings such as the Administration Building and the Human Ecology Building — have a particular look,” Sweeney said. “They don’t follow traditional architectural style.”

And there isn’t a lot of Gothic architecture in Winnipeg. Sweeney added, which makes the Tier Building a unique find.

This is the first time the university has entered Doors Open. Sweeney said in the future the university will showcase different buildings on the Fort Garry and Bannatyne campuses allowing visitors to take a tour of the entire university.

“Lots of people in Winnipeg attended the University of Manitoba,” Sweeney said. “So this is a good chance for them to come back and learn more about some of the buildings on campus.”

Doors Open is sponsored by Heritage Winnipeg and provides a unique cultural and educational experience. For one weekend of the year, the public is invited to enter built heritage treasures, cultural institutions and other buildings of interest.

In its three years, Doors Open has attracted over 110,000 site visits to Winnipeg’s built heritage treasures and cultural institutions.

Clockwise from the top, visitors will have a chance to visit the Human Ecology Building, Administration Building and Tier Building during Doors Open on May 26 and 27.

Advertise in The Bulletin
For details call 474 8111
The Bulletin publishes events involving the university community.

E-mail events to barbourd@ms.umanitoba.ca or fax, 474 7631.

The deadline for the May Bulletin is May 25 at 4:30 p.m.

**Fort Garry Campus**

**WEDNESDAY, MAY 30**


**Nursing, Stigma and Mental Illness: How It Can Be Beaten by Heather Stuart, associate professor of epidemiology, Queen's University, co-chair, World Psychiatric Association’s Scientific Section of Sigma and Mental Disorders, 260 Helen Glass Centre for Nursing, 3:30 p.m., Wednesday, May 30.

**Priocet Canada Presents, Mad Cow Mysteries by Jay Ingram, Winnipeg Art Gallery, Muriel Richardson Auditorium, 500 Memorial Blvd, 7 p.m., Wednesday, May 30. Register on-line at www.priorcocanada.ca by May 23 or call (604) 222 3611. Admission is free but registration is recommended. Seating priority will be given to registered attendees.

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**Wednesday, May 30, 2007**

**Winnipeg Art Gallery, Muriel Richardson Auditorium 500 Memorial Blvd, Winnipeg**

**Mad Cow Mysteries**

A public lecture by Jay Ingram

Join Jay Ingram for a lively look at the cultural and scientific mysteries of mad-sized proteins (called prions). They cause bovine spongiform encephalopathy (BSE) and chronic wasting disease, are perplexing and elusive, and impact our lives, food supply and economy.

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The events include everything from bocce which will be scheduled over three days this year – to tennis, yoga, wall climbing and pilates. Events run during the noon hour or just after work and best of all, they’re all free.

“We get sponsorship from departments and faculties across campus,” Liljegren said. “It’s a huge event to organize, but I love it because it sends the right message to university staff.”

To register for summer fun leagues, please go to recreationservices.ca.

**DID YOU KNOW?**

**PET polyethylene terephthalate**

• #1 plastic can be identified by looking for this symbol on the bottom of a bottle or container.

• Blue bins on campus can accept all #1-7 plastics but no Styrofoam or plastic bags/wrap.

• It takes only five 2-litre plastic bottles to make:
  • The filling for a ski jacket
  • 1 square foot of carpet
  • 1 extra-large T-shirt

**ONE UNIVERSITY. MANY FUTURES.**

"Waste Prevention Office umanitoba.ca/campus/physical_plant/sustainability/index.html

University of Manitoba Recycling and Environment Group umreg.org

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**Get active this summer**

It’s time to knock off the last of those winter cobwebs and get active.

The University of Manitoba’s summer active campaign runs from May 28 to June 22 this year – with a registration period running between May 14 and May 24.

The purpose of summer active is to get people out enjoying the weather at noon playing bocce or trying different activities offered by recreation services,” Recreation services fitness coordinator Ulla Liljegren said.

The events include everything from bocce – which will be scheduled over three days this year – to tennis, yoga, wall climbing and pilates. Events run during the noon hour or just after work and best of all, they’re all free.

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**Please Give**

Your donation saves lives.

When a campus canvasser visits you, please support the Heart and Stroke Foundation of Manitoba.

Heart and Stroke Foundation of Manitoba

6 Donald Street

Winnipeg, MB R3L 0K6

Phone: 204.949.2000

Toll-free: 1.888.473.4636

Email: ask@heartandstroke.mb.ca

Web: heartandstroke.mb.ca

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**Classified Ads**

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


**FOR RENT:**

Offering a spectacular 1275 sq.ft. river view condominium at brand new 500 Tache. Two large bedrooms, two full bathrooms, spacious walk-in closet and in-suite laundry/storage rooms. Two parking spots, one in a heated underground garage and one by the building front doors. This unit is bright and decorated in designer colours. Stunning views of the Forks, City Skyline, Provencher Bridge and gorgeous sunsets from the large windows and generous balcony. Rent is $1800 a month and includes all utilities - heat, hydro, water, basic cable and parking. To view this incredible unit, see www.webview360.com (search id# 108329) For further information and to arrange a showing, call 299-7873.

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**One of Canada’s best science popularizers, Jay Ingram is co-host and producer of Daily Planet, television’s first daily science show. He was host of the CBC radio science show Quarks and Quarks for 12 years, and has written nine popular books on science.**

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**University of Manitoba Recycling and Environment Group**

umreg.org
BY KAREN CHRISTIUK
For The Bulletin

The Faculty of Education’s Aboriginal recruitment task force recently visited the Ndinawe Safe House (which also contains the Ndinawe Youth Transitional School) and the Ndinawe Youth Resource Centre, to learn more about the different programs that are available for Manitoba youths who are at-risk in their home environments.

Executive director Sonia Prevost-Derbecker and teacher Shawn Sigurdson, who are both recent University of Manitoba bachelor of education graduates, led the Aboriginal recruitment task force on a tour of the different facilities.

“It was particularly interesting for our group to visit the new Ndinawe Youth Transitional School, located in the basement of the Ndinawe Safe House,” said Education student services coordinator Rosanna Caruso. “The school recently opened its doors in January and works with a small number of students to help them transition to high school.”

In addition tutoring students on all core subjects, the school also offers free school supplies, a reading clinic, weekly field trips and free meals.

Homeless youth, ages 11 to 17, are also able to live in the upstairs Ndinawe safe house, a colourful secure facility that resembles a modern university-dormitory.

The Ndinawe Resource Centre, located a short walk away from the Safe House, also offers a number of unique programs to the community. Youth between the ages of 13 to 25 are encouraged to participate in free after-school activities such as art, cooking, drama, music, sports and Aboriginal cultural teachings. The resource centre also offers some very practical services, including a free laundry and food bank.

The Aboriginal Recruitment Task Force learns about the Ndinawe Youth Transitional School from Shawn Sigurdson.

ACADEMIC JOB OPPORTUNITIES

A full listing of employment oppor-
tunities at the University of Manitoba can be found at www.umanitoba.ca

The University of Manitoba encour-
ages applications from qualified women and men, including members of visible minorities, Aboriginal peoples, and per-
sions with disabilities. All qualified candi-
dates are encouraged to apply, however Cana-
dians and permanent residents will be given priority. Please include the posi-
tion number when applying for openings at the university.

FACULTY OF MEDICINE

Department of Clinical Health Psychology

Winnipeg Regional Health Authority

Position: Contingent geographic full-
time clinical psychologist at the assistant pro-

Start date: Sept. 1
Salary: An attractive salary schedule is available and, in addition, the GFT agreement provides for on-site private practice opportunities

Application deadline: June 17
Position number: 06111

For information: Dr. Robert McIlwraith, department of clinical health psychology, Faculty of Medicine, University of Manitoba, PZ 550 - 771 Bannatyne Ave., Winnipeg, MB, R3E 3N4, phone: 789 8785, fax 789 7559, e-mail bmciwraith@hsc.mb.ca.

Department of Family Medicine

Position: Research Project Coordinator/ Associate CHIR/CancerCare Manitoba Team In Primary Care Oncology Research
Salary: Commensurate with qualifications and experience
Application deadline: June 17
For information: Dr. Alan Katz, research director, department of family medicine, 408 – 727 McDermot Ave., Winnipeg, MB, R3E 3P5, phone 789 5442, fax 789 3910, e-mail Alan_Katz@cpo.umanitoba.ca.

Department of Internal Medicine

Section of Cardiology

Position: Electrophysiologist, based at St. Boniface General Hospital, position number: 03776, General Cardiologist, based at St. Boniface General Hospital, position number: 03755
Start date: Aug. 1
Salary: Salary and rank will be commensurate with experience and academic qualifications
Application deadline: July 2
For information: Dr. James Tam, head, section of cardiology, Y3015-B, St. Boniface General Hospital, 409 Tache Ave., Winnipeg, MB, R2H 2A6, e-mail jtam@sbgh.mb.ca.

Department of Pharmacology and Therapeutics

Faculty of Medicine Position: Associate professor
Start date: July 1
Salary: Commensurate with experience and qualifications
Application deadline: June 17
Position: Professorship Award
For information: Dr. Ratna Bose, professor and chair of search committee, department of pharmacology and therapeutics, University of Manitoba, 511-753 McDermot Ave., Winnipeg, MB, R3E 0T6, phone: 789 5642, fax 789 3932, e-mail: rbose@ms.umanitoba.ca.

SCHOOL OF MEDICAL REHABILITATION

Department of Physical Therapy

Position: Assistant professor
Start date: Aug. 1
Position number: AX641
For information: Dr. Jimly Ericheverry, director, School of Medical Rehabilitation, R106-771 McDermot Avenue, Winnipeg, MB, R3E 0T6.

Gerry McDole Professorship Award Call for Applications

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

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

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

Application Deadline: July 1, 2007
Guidelines and application information can be obtained from:

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

The Aboriginal Recruitment Task Force learns about the Ndinawe Youth Transitional School from Shawn Sigurdson.
Defining the good, the bad, and the yummy

BY SEAN MOORE
Research Promotion

A pinch of this and a dash of that is a fine approach to home cooking. But for making processed foods it’s inefficient and unscientific, and since processed foods are wonderfully complex materials, there can rarely be too many scientists in the kitchen.

Martin Scanlon, food science, is working with numerical techniques for characterizing the material properties of lipid food systems, with the goal of making food healthier and pleasing to the palate. His research, for example, will help the food industry find a replacement for its most recent foe: trans fats.

“It doesn’t matter how compelling the nutritional advantages are, if that trans-fat-free food tastes like a hockey puck you’re not going to eat it,” he said.

A New Material

Acta Materiala, a leading materials science journal, will soon publish Scanlon’s paper on the novel use of indentation – driving a cone-shaped wedge attached to a load cell into a material to back-extract fundamental mechanical properties – on soft food materials like butter and shortening.

Previously, this method was used for analyzing the properties of microelectronic components and thin film coatings.

“We want to understand governing principles, and to achieve this, we take a materials science approach to assessing food properties,” Scanlon said.

“If we know what the properties of a food’s various components are, then with the right models we can predict what properties a blend of them will have.”

Scanlon and Joamin Gonzalez, a food science graduate student, are currently working with University of Guelph researchers to see how computational tools can be used to formulate a range of heart and baker-friendly blends using butter and canola oil.

Developing and modifying recipes is an arduous and expensive process. In food industry circles, Scanlon said, it is rumored that Kraft Foods spent tens of thousands of man-hours working on more than 100 plant trials before they could reformulate the famed Oreo cookie to its original taste and texture after removing its trans fats.

What’s more, as more consumer groups begin filing class-action suits against food giants – like the one filed last June demanding that KFC stop frying chicken in oil that contains trans fats – there will be increasing pressure to change decades-old recipes.

Cooking oils have many readily available substitutes, flaked goods, however, require a more conscientious approach to finding alternative high melting point substitutes that will deliver the same quality and shelf life as the hydrogenated fats they replace.

Currently, when new recipes are developed for things like cookies, a panel of sensory experts gathers to taste them and provide feedback. It is expensive, time-consuming and necessary, Scanlon said.

But by understanding the material properties of ingredients, the properties of potential concoctions can be predicted before they are made, allowing food developers to sidestep poor formulas and consequently become more efficient.

Scanlon is trying to figure out what makes the cookie crumble, so to speak.

Unraveling the complexity of these dynamically evolving, heterogeneous structures is the key to accurately predicting the quality of novel and conventional foods and to developing successful nutrient loading strategies for the creation of functional foods,” he once wrote.

But for now, the healthy cookie remains an enigma.

Researcher honoured with new mineral

BY SEAN MOORE
Research Promotion

Three years ago, on the eastern edge of a glacier in Tajikistan, mineralogists picked through boulders that had tumbled down the mountain and found a pale yellow mineral.

They sent it to Elena Sokolova, geological sciences, to examine. After three years of work she unraveled its crystal structure, and it turned out to be one of the most complex and exotic arrangements of atoms known to science.

Sokolova is one of a handful of people in North America who can do this type of work and she is well-known around the world for her insight into why atoms organize themselves in the way they do. In recognition of this, mineralogists from the Fersman Mineralogical Museum in Moscow recently named a new mica from Tajikistan in her honour: Sokolovaite, an elegant violet-coloured mineral.

A recently-discovered mineral has been named in honour of University of Manitoba researcher Elena Sokolova, geological sciences.

Previously, this method was used for analyzing the properties of microelectronic components and thin film coatings.

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Teaching makes a difference

Reception lets students and favourite teachers reconnect

For some students it was that single act of kindness; a pat on the back when needed most. For others, it was that inspiring and infectious curiosity. And for others again, it was that endearing quirkiness and passion for learning.

Whatever reasons 19 peer-chosen University of Manitoba graduating students had for honouring their most influential teachers at the 15th Annual Students’ Teacher Recognition Reception on May 2, the most commonly cited qualities were their teachers’ unwavering faith in students and their willingness to go ‘above and beyond.’

“They believed in me,” said music student Karen Johnson about the two teachers she chose to honour at the reception, Peter Wenzek of Burnaby N. Secondary School and U of M music educator Connie Turner.

To demonstrate her point, Johnson reminisced about the time Wenzek told her she had “the best posture” of any of his music students.

Although seemingly innocuous in the telling, Johnson said the praise had a profound impact on her and was instrumental in her decision to make music her career.

“He got me with that one sentence, hook, line and sinker. I was the best at something,” she said, drawing smiles from the students, teachers, parents and enrollees crowded into the University’s Centre for Killarney Room for the event.

Johnson’s anecdote was only one in an array of feel-good stories heard at the reception, which was sponsored by the Office of the President and University Teaching Services (UTS), and featured 19 graduating students recognizing teachers from Kindergarten to Grade 12, and professors in university who have made special contributions to their education.

Perhaps no story illustrated the importance of educators and the effect they have on their students and communities more than that of Gwen Armstrong, who is graduating from the School of Art.

The 51-year-old single mother of three chose not to honour a teacher from her own K-12 years, but instead honoured Maple Leaf School teacher Sally Metcalfe who taught all three of Armstrong’s children. In an emotional display of gratitude, Armstrong said that she felt a great comfort knowing that Metcalfe was educating and providing support to her daughters, one of which has cerebral palsy.

“She really gave me a sense of security, that my daughters were well looked after,” she said.

Armstrong then went on to express gratitude for U of M art professor Sharon Alward, who she described as “fear and revered.”

“I knew as soon as I heard her speak that I had to make her part of my life,” recounted Armstrong.

The graduating student said that Alward helped her discover the “healing power of art,” which has been indispensable for Armstrong in dealing with her most recent adversity of being diagnosed with breast cancer.

“I found my soul, just when I needed it most,” she said.

Cheryl Kristjansson, director of University Teaching Services described the reception as “one of the highlights of the year for the entire university. The comments and sentiments that students express about teachers who have helped shape their lives underscore the importance of educators on our development as successful individuals.”

“It really shows how important it is for a teacher to connect with his or her students,” she added.

A list of the outstanding students and the teachers they chose to honour at the recognition reception is included below.

Students honour K to 12 and university teachers

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<th>AGRICULTURAL &amp; FOOD SCIENCES</th>
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<th>MEDICINE</th>
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<td>Josse Saquet</td>
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<td>Harald Aua, Shaftesbury High School</td>
<td>Gregory Cherini, Family Medicine</td>
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<td>Dan Flaten, Agricultural &amp; Food Sciences</td>
<td>Archie McKel, Oral Biology</td>
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<td>Stacy Stockton</td>
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<td>Peter Wenzek, Burnaby N. Secondary School</td>
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<td>Eduard Epp, Environmental Design</td>
<td>Thomas Falkenberg, Early Years Education</td>
<td>Connie Turner, Music &amp; Education</td>
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<td>Kya Isaacson</td>
<td>Stephen Woodrow</td>
<td>Lisa Merrill</td>
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<td>English, French, Spanish &amp; Italian</td>
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<td>Irene Williams, Vincent Massey Collegiate</td>
<td>Barry Panas, River East Collegiate</td>
<td>John Einarson, Morden Collegiate Institute</td>
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<td>Robert O’Neill, Dean Emeritus, English</td>
<td>Doug Buchanan, Electrical/Computer Engineering</td>
<td>Carla Shapiro, Nursing</td>
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<td>CLAYTON H. RIDELL, ENVIRONMENT, EARTH, &amp; RESOURCES</td>
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<td>Jacqueline Kotyk</td>
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<td>Sharon Romansik, Grant Park High School</td>
<td>Mathew Gustafson, Killarney Collegiate Institute</td>
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<td>Stephane McLachlan, Environment</td>
<td>Parmanj Tappia, Human Nutritional Sciences</td>
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<td>Michael Einarton</td>
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<td>Conor Lynch, John Henderson Junior High</td>
<td>Donna Davidson, Ochre River School</td>
<td>Mary Page, Physical Education</td>
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<td>Mary Brabston, Accounting &amp; Finance</td>
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SCHOOL OF ART

| Gwen Armstrong |
| Art           |
| honoured      |
| Sally Metcalfe, Maple Leaf School |
| Sharon Alward, Art |

SCHOOL OF DENTAL HYGIENE

| Kim Dewar |
| Dental Hygiene |
| honoured |
| Pat Atkin, Christ the King School |
| Diane Girardin, Dental Hygiene |

SCHOOL OF MEDICAL REHABILITATION

| Janelle Syring |
| Physical Therapy |
| honoured |
| Dolores Beaumont, College Louis-Riel |
| Graffio Penma, Physical Therapy |

SCIENCE

| Will Guest |
| Physics and Astronomy |
| honoured |
| John Barnes, St. John’s Ravenscourt |
| Roy Rossie, Physics and Astronomy |

SOCIAL WORK

| Jill Brody |
| Inner City Social Work |
| honoured |
| Norma Nevron, Victory School |
| Lawrence Duss, Social Work |