Meet your Leaders of Tomorrow

Five University 1 students, from left, Evan Wiens, Kildonan East, Indeeveer Mahal, Kelvin, Nour Rashid, Morden Collegiate, Robyn Small, Treherne Collegiate, Bonnie Schott, Warren Collegiate, and Michael Schwartz, Grey Academy, have been chosen as Leaders of Tomorrow and will each be awarded $5,000 entrance scholarships. Their selection was based on leadership qualities and academic performance in high school, and their involvement in student affairs, intramural activities and their communities.

Our 41st Fall Convocation

The University of Manitoba will celebrate its 41st annual Fall Convocation this month with 1,344 graduands set to receive their parchments. The fall ceremony will bring the total number of University of Manitoba students graduating to a record setting 4,956 in 2008.

Convocation will run over three sessions, Oct. 28, Oct. 29 and Oct. 30. The sessions begin at 3:30 p.m. and are held in the Investors Group Athletic Centre.

The Oct. 28 session will be highlighted by the installation of David Barnard as the University of Manitoba’s 11th president. Barnard was appointed effective July 1, 2008. He brings to this position a distinguished career as an academic administrator including serving as the president and vice-chancellor of the University of Regina from 1998 to 2005.

The university will also award two honorary degrees during this fall’s ceremony. Honorary degrees are awarded for distinguished achievement in scholarship, the arts, or public service.

An award-winning journalist and CBC Television news correspondent based in Beirut, Lebanon, Nahlah Ayed will receive an honorary degree on Oct. 29.

Gail Asper, one of Canada’s most distinguished community leaders and philanthropists, and the champion behind the drive to establish the Canadian Museum for Human Rights in Winnipeg, will receive an honorary degree on Oct. 30.

Gregg Hanson, the immediate past president and CEO of Wawanesa Mutual Insurance Company, will receive the Distinguished Alumni Award on Oct. 30. Born in Saskatoon, Saskatchewan, Hanson graduated from the University of Manitoba with a bachelor of commerce degree in 1976.

Digvir Jayas, associate vice-president (research) will receive the Dr. John M. Bowman Memorial Winnipeg Regional Innovation Foundation Award on Oct. 29. The award recognizes research accomplishments of senior faculty according to the quality of their research, the impact of the research nationally and internationally, and the distinction brought to the university by the research.

The university will confer the title professor emeritus on John H. Page, the immediate past president and CEO of Asper School of business, on Oct. 30.

President’s view

We need to decrease the distance between the university and the city.

Pages 5-7

Got food?

Rick Holley looks at the challenges to Canada’s food supply.

Page 11

This is only a test

BY DALE BARBOUR

The Bulletin

The University of Manitoba has set Nov. 5 as the date to test its new emergency notification system. The system will allow the university to communicate emergency voice messages directly into classrooms and open areas as well as through text messaging and e-mail. The goal is to be able to reach everyone on campus and reach them with a clear message.

“I think the emergencies that developed in places like Virginia Tech for example drove home the point for us that we needed to develop a better way of notifying the campus community in the event of a serious emergency,” vice-president (administration) Debbie McCallum said. The 2007 shooting incident at Virginia Polytechnic Institute and State University highlighted the need to be able to not only alert people to dangers but give them detailed instructions on how to respond.

The biggest challenge at a large university is getting the word out and the response might be different depending upon the nature of the emergency,” McCallum said. “For example, there could be a situation where you don’t want people evacuating the buildings so we want to be able to tell people to stay inside and lock the doors.”

Through the combined effort of information services and technology, security services, the university’s emergency response coordinator, public affairs and the VP (administration) office the university has developed a multi-step plan for emergency.

“The first thing that we did was to develop an emergency web page. In the event of an emergency my office can trigger the emergency web page to come up,” McCallum said. The next step was adding enunciator phones to classrooms across the campus. They allow people in the classroom to call out in the event of a local emergency, but they can also double as loudspeakers, allowing the university to funnel a message directly into the classroom.

See U OF M P 3
**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.

**Coupon users stigmatized**

September 18, 2008

CIBC, United Press International, consumerist.com

A study that explores the stigmatization of coupon users, as well as the people around them, continues to gain interest from the media. The study, co-authored by researchers at the University of Manitoba and the University of Alberta, shows that not only are coupon users viewed as being ‘cheap’, but so are people standing close to them – unless they happen to be attractive.

**Appointments**

The Executive and Governance Committee of the Board of Governors approved three changes in the senior administrative ranks of the university, effective January 1, 2009.

Robert Kerr has been appointed special advisor to the president for a term ending June 30, 2009. During this period, Dr. Kerr will focus on projects related to emerging areas of opportunity for the university.

Joanne Keselman has been appointed interim vice-president (academic) and provost for a term ending June 30, 2009.

Digvir Jayas has been appointed acting vice-president (research) for a term ending June 30, 2009.

These appointments are intended to facilitate the development and implementation of a new strategic plan for the university to prepare the university for its next era of growth and development. The appointment of an interim vice-president (academic) and provost and an acting vice-president (research) will allow full searches to begin for both positions for appointments that will begin July 1, 2009. These searches will begin in the next couple of months.

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**UNIVERSITY OF MANITOBA**

**2005-2008 ANOMALIES FUND**

A joint University/UMFA committee has been established to investigate anomalies in base salary rates among UMFA Members. The University/UMFA collective agreement establishes a fund of $100,000 per annum to correct anomalies in base salaries for each of the 2005/06, 2006/07, and 2007/08 contract years.

A salary anomaly is interpreted to mean a salary that is at significant variance with normal salary ranges of department, faculty/school, or library colleagues having comparable experience, rank, and qualifications. Anomaly adjustments are not intended to deal with more general market or retention issues, nor to alter past decisions about denial of satisfactory performance increments, slower progress in promotion than a peer, or merit criteria.

The joint committee will consider applications from individual UMFA Members. The committee will also consider applications sent on behalf of Members by their Dean or Director. The application should state clearly the basis or rationale for a salary adjustment, and set out the Member’s case by reference to relevant available salary data.

The Member’s Dean or Director will be asked to comment on the application, and to provide any further information the committee may require, such as the names of comparable peers, details of any inequity at hiring, or relevant prior experience. The committee reserves the right to award adjustments where anomalies are identified through the work of the committee. However, the committee will not be undertaking a comprehensive review of all UMFA salaries.

More information and applications can be found at: umanitoba.ca/adminhuman_resources/staff_relations/academic/1268.htm

The deadline for receipt of applications is 4:00 p.m., Friday, November 21, 2008. Applications can be sent by hard copy or in electronic format to:

**Dr. Peter Blunden, Chair, Joint Anomalies Committee**

c/o Marvel Showers, Human Resources, 309 Administration Building

showers@ms.umanitoba.ca

474-7861

Applicants must provide a copy to their Dean or Director, who will be asked to submit their comments to the committee by December 12, 2008.

Salary data on UMFA Members, including rank, years in rank, department, and other relevant criteria, can be obtained from the UMFA office. Please call UMFA at 474-8562 to make arrangements to review the data.

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**Clare Brant Memorial Lecture in Aboriginal Health**

**The Ethical Spaces of our Humanity**

Professor Willie Ermine

First Nations University of Canada

Thursday, October 30, 11:30 a.m. to 12:30 p.m.

Theatre A, Basic Medical Sciences Building

Bannatyne Campus

University of Manitoba

cahr@umanitoba.ca

**Starting a business? Don’t know where to turn?**

The Clinic is designed for entrepreneurs who require information* regarding new business organizations, incorporation, partnership, sole proprietorship and non-profit.

The U of M Business Law Clinic is run by students under the supervision of L. Kerry Vickar, Business Law Clinical Professor and Head, Department of Law.

**Schedule**

Issue Date: Oct. 30

Copy/advertising deadline: Oct. 22

Issue Date: Nov. 13

Copy/advertising deadline: Nov. 5

**Events**

The Bulletin publishes notifications on events taking place at the University of Manitoba or events that are of particular interest to the university community. There is no charge for running notices in the events column. Send events notices to: barbourd@ms.umanitoba.ca

**Advertising Policy**

With the exception of advertisements from the University of Manitoba, ads carried in The Bulletin do not imply recommendation by the university for the product or service. The Bulletin will not knowingly publish any advertisement which is illegal, misleading or offensive to its readers. The Bulletin will also reject any advertisement which violates the university’s internal policies, equity/human rights or code of conduct.

The Bulletin can be viewed online at umanitoba.ca/bulletin

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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 August.

Tel: (204) 474-9949

Fax: (204) 474-7631

E-mail: barbourd@ms.umanitoba.ca

The Bulletin welcomes submissions to the editor, columns, news briefs and story and photo suggestions.

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From Page 1
The university has also updated its emergency red phones on campus so that they can also double as loudspeakers, allowing the university to reach people in buildings across campus.

“And, as part of our regular course registration we invited students on a voluntary basis to register their cell phone if they wanted to be notified of an emergency through text messaging,” McCallum said.

People can also register their home phone numbers to receive a voice mail message rather than a text message. So far over 5,000 students and staff have registered their numbers with the emergency notification system. If you haven’t signed up and would like to, go to umanitoba.ca and select “UM Jump Start” to complete the registration form.

The final piece of the emergency notification system will include external loudspeakers mounted across the four quadrants of the campus and on the Bannatyne campus, allowing the university to reach people in buildings across campus.

Unlike a fire drill people won’t be expected to file out of the building. What will happen is that they’ll hear a voice come into their classroom announcing a test and, assuming they’ve registered their phones, they’ll receive a text message or voice mail message. People can also expect to see an all-employees and all student e-mail and a CallPilot voice mail message if they have this service on their office telephones.

The message is still being tweaked but it is expected to read: “UM EMERGENCY TEXT MESSAGE: Test Test Test - This is a test of the UM emergency notification system. I repeat – this is a test of the UM emergency notification system. On a regular basis, the University of Manitoba tests its ability to send urgent/emergency messages to ensure the system is working properly. If this were a true emergency, you would be provided with instructions on how to proceed. Please report any problems with the system to umemerg@umanitoba.ca

“Hopefully we’ll never have to deal with an emergency situation. But if we do it’s nice to know we now have the capability of getting the message out to people,” McCallum said.

“We just want to make sure they receive it and the test will show us how long it takes to get the word out,” McCallum said. “In the event of a real emergency we would provide more information instructing them in what they should do, but that will not be included in this test.”

Expect to hear more about the test on the web and through e-mail over the next few weeks.

“We want to let people know there’s a test happening and what to expect. The last thing we want to do is have people panic and think it’s a real emergency,” McCallum said. “Hopefully we’ll never have to deal with an emergency situation. But if we do it’s nice to know we now have the capability of getting the message out to people.”
We need to overcome the distance between ‘Fort Garry’ and downtown

A university geography lesson

It’s always exciting and a bit intimidating moving to a new city and a new role. With the announcement last November that I was selected as the next president of the University of Manitoba, I began to make regular visits to Winnipeg, spending the better part of a month visiting the city – spread out over the six months from January to June – and have been here since July; giving me in total about 4 months in the city.

I’ve found the city and the university to be extremely welcoming and supportive. I have met many members of the university community broadly defined – students, faculty and staff, Board members, community members with links to the university as partners or supporters, alumni, members of all orders of government, former members of the university, and so on. One of the most important things I’ve learned – first by listening to what I heard during the recruiting process but then having it reinforced by the many people I have met – is the breadth and depth of the community’s connection to the university, and the recognition of the importance of a medical/doctoral research-intensive university in the province and in the city.

A second thing I thought I had learned is that, in spite of the widespread support for the university, there are distances that we should decrease. The very labels that we use seem to convey some of these distances. My name is David and my brothers are Paul and Peter; but when I have told you those names, you recognize them simply because you know that they are doing more than just labeling to differentiate – there is, in fact, often an implied distancing between the two campuses when they are named geographically. Naming them as the “main campus” and the “medical campus” does not imply distance so much as it implies a hierarchical relationship between them. In a similar way the geographic labels “Fort Garry” and “Broadway,” intended to refer to the university and the government, also imply a distancing, suggesting that the two organizations are not as aligned as they could be. Finally, the geographical labels “Fort Garry” and “downtown” when used to indicate the university and the business community suggest a distancing. To verify whether in fact I had learned something of significance, I have asked a good number of others whether my perception of the distancing conveyed by these labels rings true to their experience, and have been told that it does. So I think there is something here to which we need to pay attention.

Projects like the indoor soccer complex now nearing completion, and the proposed development of a stadium on campus which will, among other things, be the venue for the games of the Blue Bombers, are some ways in which we can work to lessen the perceived distance between the university and the community. The stadium project would provide improved athletic and recreational facilities and a reason for many people to visit the university and become more familiar with it. Eventually, this increased level of interaction between the community and the university will serve to lessen the perception of distance between us, and we could expect to have more potential students and their families knowing the university better and considering it as a favorable or even an ideal option.

In my first months here I have participated in retreats with the vice-presidents, with the deans and with the non-academic directors. In each of these we have considered the mode of leadership we want to adopt. We have also begun to work on a revision of the current strengths-weaknesses-opportunities-threats (SWOT) analysis for the university. In the next few months we will present a revised version to these groups and to the broader university community for comments before taking it to the Board for approval. Also in the next few months we will be developing a statement of thematic emphases that will be reviewed by the deans, the directors and the broader community before it too is taken to the Board for approval. Both of these documents will shape our future response to the support that is already evident in the community, and to the possibilities for decreasing our distances and increasing our interactions.

The President’s View

with David Barnard

The University of Manitoba as “Bannattyne” and “Fort Garry,” we certainly are doing more than just labeling to differentiate – there is, in fact, often an implied distancing between the two campuses when they are named geographically. Naming them as the “main campus” and the “medical campus” does not imply distance so much as it implies a hierarchical relationship between them. In a similar way the geographic labels “Fort Garry” and “Broadway,” intended to refer to the university and the government, also imply a distancing, suggesting that the two organizations are not as aligned as they could be. Finally, the geographical labels “Fort Garry” and “downtown” when used to indicate the university and the business community suggest a distancing. To verify whether in fact I had learned something of significance, I have asked a good number of others whether my perception of the distancing conveyed by these labels rings true to their experience, and have been told that it does. So I think there is something here to which we need to pay attention.

A prescription for success

The University of Manitoba’s pharmacy students again have proven they’re the best in Canada by pulling in a number 1 ranking in the 2008 Pharmacy Examining Board of Canada (PBJC) licensing examinations.

The University of Manitoba was one of only two programs in Canada to receive a 100 per cent overall certification on the national licensing examinations for 2008. The exam process includes both a written multiple choice test and a practical, structured clinical examination component. As well achieving a 100 per cent pass on both components, our students achieved the highest and fourth highest average grades on each component respectively.

The qualifying examination is a comprehensive, objective and high-stakes examination that assesses the most important aspects of competency at entry-level practice,” says David Collins, dean. “While Manitoba offers one of the smaller pharmacy programs in Canada, our performance on the national qualifying exam has typically been number 1 ranking.

Collins notes that Manitoba averages about a 95 per cent pass rate each year, and our students have achieved first place three times in the past five years.

“Our generally small class sizes allow professors to spend more time teaching and mentoring students,” adds Collins.

The university’s community partners, organizations and professional pharmacists who assist in the training of students in the field contribute to the high quality of graduating students. Success on the pharmacy exams has practical benefits for the students and the faculty, translating to job placement and eligibility for licensure in Canada.

Classified Ads

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

EDITING AND PROOFREADING SERVICES

FOR SALE close to university, 2100 sq. ft. 2 story home on 53 Meadow Ridge Dr., Richmond West, 4 bedrooms, 2 1/2 bathrooms, family room with fireplace, Oak thru-out. Mostly freshly painted. In ground pool. Attached double garage on 58 X 126 ft. landscaped and fenced lot. $559,000. Call 261-8267.

St. Mary Anglican Church in Charleswood will be holding a GIANT GARAGE / RUMMAGE SALE on Friday, October 17, 2008 from 9:00 a.m. to 6:00 p.m. and Saturday, October 18, 2008 from 9:00 a.m. to 5:00 p.m. in the Parish Hall at 384C Robinson Road. Join us at the Parish Hall at 3830 Roblin Boulevard (just over the Charleswood Bridge). There will be WHITE ELEPHANT TABLES, BOOK TABLES, FISH POND for KIDS, as well as house-hold items, clothing and other miscellaneous treasures for sale.

TUXEDO, Executive two-story house, exclusive area, four bedrooms, 2 1/2 bathrooms, MBR with ensuite and walk-in closet, Family room gas FP, Kitchen oak cabinets, four appliances, hardwood, forced hot-air heat, mezzanine floor laundry, fenced yard, nicely decorated, near schools and U of M, $1,500/month, 298-04140.

FORT RICHMOND, Executive three bedroom, single garage, 5 bath, open plan, HWF, Central AC, four appliances, insulated basement, attached single garage, fenced backyard, newly decorated, near schools and U of M, $1,500/month, 298-04140.

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October 16, 2008

Celebrating our 41st Fall Convocation

Presidential Installation

This year our Convocation opens with the installation ceremony for the University of Manitoba’s eleventh president and vice-chancellor.

DAVID T. BARNARD
BSc, MSc, PhD (Torr.), Dip CS (Reg. Coll., UBC)

David Barnard was appointed 11th president and vice-chancellor of the University of Manitoba effective July 1, 2008. Barnard brings to this position a distinguished career as an academic administrator including serving as the president and vice-chancellor of the University of Regina from 1998 to 2005. During the period 2005-08 he was CIO of Iqnetrix, an IT Company that provides information and technology solutions for the retail sector.

Prior to joining the University of Regina in 1996 as vice-president (administration) and controller, Barnard spent 19 years at Queen’s University where he was a professor of computing and information science, director of computing and communications services, head of the department of computing and information science, associate to the vice-principal (research), associate to the vice-principal (human services) and associate to the vice-principal (resources).

Barnard is also a professor of computer science. His research interests focus on compilation and the use of computers to analyze language and texts. He holds BSc, MSc and PhD degrees in computer science from the University of Toronto and a DipCS in theological studies from Regent College, University of British Columbia. He has supervised more than 60 graduate and undergraduate students and has received research funding from many sources including both the Natural Sciences and Engineering Research Council and the Social Sciences and Humanities Research Council of Canada. He is the author or co-author of nine books, 35 refereed journal articles and numerous other publications, in addition to serving on the editorial boards of several journals.

Barnard has extensive experience on boards and committees, locally, nationally and internationally. He has served on, among others, the Boards of the Bank of Canada (and its executive committee), the Association of Universities and Colleges of Canada, CANARIE (Canadian Network for the Advancement of Research, Industry and Education), the Saskatchewan Provincial Court Commission (chair), the Saskatchewan Arts Board (vice-chair) and the Saskatchewan Power Corporation (including two years as chair). Currently he is a member of the Boards of the Canada West Foundation, Greystone Managed Investments, NetSecure Innovations Incorporated and Ground Effects Environmental Services.

Honorary Degree Recipients

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

NAHlah Ayed

An award-winning journalist, Nahlah Ayed is currently a CBC Television news correspondent based in Beirut, Lebanon. During her tenure as a journalist, Ayed has covered the fall of Baghdad and the war in Afghanistan. Her coverage in Iraq was nominated for a Gemini Award for Best Reportage.

Born and raised in Winnipeg, Ayed is a first generation Canadian of Palestinian parents. Her love for writing and reporting was sparked when she worked as a reporter for The Manitoban, the University of Manitoba student newspaper.

After joining the CBC in November, 2002, Ayed moved to Jordan and then immediately traveled to Iraq to cover the lead-up to the war. Fluent in Arabic, Ayed covered the fall of Baghdad, reporting from Firdos Square as the statue of Saddam Hussein was toppled by celebrating Iraqis. Ayed continued to cover the ongoing violence, making the difficult trip overland back to Iraq several times to cover the war’s aftermath for both CBC television and radio. Ayed is also an award-winning former parliamentary correspondent for The Canadian Press who spent months in Afghanistan covering the war and Canada’s military involvement in the conflict.

Aayed has reported from around the Middle East, covering major events including the assassination of former Lebanese Prime Minister Rafiq Hariri and the upheaval that followed in both Lebanon and Syria. She also covered landmark elections in Egypt and Saudi Arabia. Ayed has won several awards for her prizework, including a citation for the prestigious Michener Award for a series of stories she wrote on the living conditions for women in Canada’s prisons.

A graduate of Carleton University’s master of journalism program, Ayed also holds a master’s degree in interdisciplinary studies and a bachelor of science degree in genetics from the University of Manitoba.

A courageous journalist who dares to practice her craft in some of the most dangerous parts of the world, Ayed has established herself as a highly regarded and respected correspondent among her peers.

October 29 Session

GAIL ASPER

One of Canada’s most distinguished community leaders and philanthropists, Gail Asper is the champion behind the drive to establish the Canadian Museum for Human Rights in Winnipeg. Her dedication to her community has led her to receive numerous service and humanitarian awards including the Order of Manitoba and the Order of Canada.

Asper holds both a bachelor of arts and a bachelor of law degree from the University of Manitoba. A lawyer by profession, Asper has developed a passion for fund-raising, community development and the pursuit of human rights which has set her apart as a leader in Manitoba. Asper is known for her commitment to a wide range of community, cultural, arts and social justice organizations as a volunteer, performer and fund-raiser.

Born and raised in Winnipeg, Asper is the daughter of entrepreneur and philanthropist Israel (Izzy) Asper, O.C., O.M. After receiving her law degree in 1984, Asper moved to Halifax to begin her law career. In 1989, Asper returned to Winnipeg where she joined her father’s firm, CanWest Global Communications Corporation, as general counsel and corporate secretary. Today, Asper is a director of Canwest, is president of the Canwest Foundation and president of The Asper Foundation, the private charitable foundation behind the establishment of the Canadian Museum for Human Rights in Winnipeg. Asper has championed the creation of this museum and its establishment in Winnipeg for a number of years and has been its most visible supporter. Most recently, the federal government named Asper to the board of trustees of the Canadian Museum for Human Rights. She also serves on the board of directors for the National Arts Centre Foundation and is a governor of the Hebrew Immigrant Aid Society.

Asper was also a director emerita for the University of Waterloo, Centre for Cultural Management. Asper has received numerous community service and humanitarian awards including the YMCA/WCA Women of Distinction Award for Community Volunteerism, the 2002 Queen’s Golden Jubilee Medal, the 2004 Variety Club Humanitarian of the Year Award and the 2005 recipient of the Governor-General Ramon John Hnatyshyn Award for Voluntarism in the Performing Arts. In 2007, she was awarded the Order of Manitoba. In 2008, she was made an Officer of the Order of Canada.

Asper is married to Dr. Michael Paterson and is the mother of two sons, Stephen and Jonathan.

October 30 Session
Dr. John M. Bowman Memorial Winnipeg Rh Institute Foundation Award

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

DIGVIR JAYAS
Associate Vice-President (Research)
Canada Research Chair in Stored-Grain Ecosystems

Digvir Jayas is a well-respected scientist, educator and administrator who has earned an international reputation as a leading researcher in effective grain storage methods. During his tenure at the University of Manitoba, Jayas has held a variety of teaching, research and administrative positions and has worked diligently to pursue his research while enhancing the reputation of the University of Manitoba at the same time.

Jayas began his studies at the G. B. Pant University of Agriculture and Technology in Pantnagar, India. He received his master’s degree from the University of Manitoba in 1982 and completed his PhD at the University of Saskatchewan in 1987. He returned to the University of Manitoba first as an associate professor and then became associate vice-president (research) in 2001. A year later, Jayas received a Tier 1 Canada Research Chair in Stored-Grain Ecosystems and became a Distinguished Professor in 2004. Jayas has also held the positions of associate dean (research) in the Faculty of Agriculture and Food Sciences and department head of biosystems engineering. He has also served as interim director of the Richardson Centre for Functional Foods and Nutraceuticals. A registered professional engineer and registered professional agrologist, Jayas has authored or co-authored over 600 technical articles in scientific journals, conference proceedings and books.

Jayas' research focuses on advanced methods of storing grain. Access to a consistent supply of quality grains and their products is crucial to the health and economy of the developing and developed world. Canada alone produces about 56 million tonnes of grains a year – about nine per cent of which is lost in post-harvest production through pest infestation, temperature or moisture fluctuations during storage. The rate of grain loss is even higher and more devastating in developing countries. Jayas is studying ways to reduce the loss and retain the quality of the grain.

Jayas has received numerous commendations for his work including awards from the Canadian Society of Bioengineering, the Canadian Institute of Food Science and Technology, the American Society of Agricultural and Biological Engineers and the Association of Professional Engineers and Geoscientists of Manitoba.
Celebrating our 41st Fall Convocation

has attracted over $4 million in research funding. Authored or co-authored over 100 scientific articles and during his tenure at the University of Manitoba. He has been an active mentor to students.

Throughout his career, Hanson has always believed that business leadership brings with it responsibility to the community at large. As a result, Hanson has been very active on several charitable boards in Manitoba and Canada. He has served as a director of the Winnipeg Blue Bombers and the Winnipeg Big Brothers Association. He is past chairman of the board of directors of the Wawanesa Mutual Insurance Company, the Wawanesa General Services Incorporated.

In recognition of his community involvement, Hanson was awarded the 2001 University of Manitoba Outreach 

Distinguished Alumni Award

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

GREGG HANSON

Gregg Hanson is a well-respected business executive whose philanthropic work with a number of charitable organizations has helped make a significant and positive impact on the Winnipeg community. Born in Saskatchewan, Hanson graduated from the University of Manitoba with a bachelor of commerce degree in 1976. He obtained his chartered accountant designation and has received fellowships in the Life Management Institute, the Insurance Institute of Canada and the Institute of Chartered Accountants. Today, Hanson is the immediate past president and CEO of Wawanesa Mutual Insurance Company, a company he has been with in a variety of capacities since 1979.

Throughout his career, Hanson has always believed that business leadership brings with it responsibility to the community.

HANSON has received the Order of Manitoba. Rohingya Faculty Scholar, Project on Death in America. He has been a member of the board of directors of the Wawanesa Mutual Insurance Company, the Wawanesa General Services Incorporated.

Distinguished Professors

The title, Distinguished Professor, is conferred by the University of Manitoba on academic staff members who have demonstrated outstanding distinction in research, scholarship, creative endeavours, professional service and teaching. Up to three people may receive this honour each year, and not more than 20 professors may hold the title at one time.

MICHAEL BUTLER

Michael Butler is recognized as a pioneer in the research and development of mammalian cell technology, an essential process for the production of biopharmaceuticals. A professor in the department of microbiology, Butler has been instrumental in unraveling key components to help improve production of antibodies and vaccines. Butler’s work is aimed at ensuring what is developed in the laboratory can be effectively transferred to the drugstore and the treatment of patients. His work has been adopted worldwide for use by biotechnology and pharmaceutical companies. An engaging teacher, Butler has taught in the areas of cell culture, industrial microbiology and membrane biochemistry. His students regularly commend Butler on his teaching skills and for the personal interest he takes. Butler has mentored over 30 graduate students and postdoctoral fellows during his tenure at the University of Manitoba. He has authored or co-authored over 100 scientific articles and has attracted over $4 million in research funding.

HARVEY CHOCHINO

Harvey Chochinov has been a faculty member in the department of psychiatry since 1987. Chochinov has focused his work on improving the quality of life for dying patients and reducing the burdens faced by their families. A Canada Research Chair holder in palliative care, Chochinov was instrumental in the development of the Canadian Virtual Hospice, a national network which provides support, information, education and consultation for terminally ill patients and their families. Chochinov's work has established the importance of psycho-social considerations in end of life care and has helped define standards of care for practitioners internationally.

Chochinov has been recognized with a number of honours including the Queen’s Golden Jubilee Medal and he was elected a Fellow of the Royal Society of Canada and of the Canadian Academy of Health Sciences. Chochinov is the only psychiatrist in Canada to be designated as a Soros Faculty Scholar, Project on Death in America. He has also received the Order of Manitoba.

JOHN H. PAGE

John Page leads the internationally-recognized Ultrasonics Research Laboratory in the department of physics and astronomy at the University of Manitoba. Page joined the university in 1985, following his doctoral studies at Oxford University as a Rhodes Scholar. Described as Canada’s leading expert in fundamental acoustics, Page specializes in the study of the novel properties of sound waves. His research may one day support new tools that use sound waves to “see” the structure and dynamics of complex mixtures of materials. Page is also a pioneer in the study of phononic crystals – materials which control and manipulate the flow of light. His work is having an impact in other areas of science as well, including optics and seismology. Recognized as an outstanding teacher, Page has taught a wide range of courses at the University of Manitoba and has been an active mentor to students. He has supervised or co-supervised over 50 research students, postdoctoral fellows and research associates during his tenure at the university.

Ermeritus Appointments

The title professor emeritus is an honour conferred by the Board of Governors after retirement on individuals who have rendered distinguished service to the university and who have significant records in teaching, research, and scholarship.

ROBERT IAN MACDONALD

Professor Emeritus

A faculty member in the Faculty of Architecture for 26 years, Robert Macdonald was instrumental in helping create the bachelor of environmental design program and assisted in the development of the architecture graduate degree. An active champion of the faculty, Macdonald recruited vibrant, young professors who have contributed to the international recognition of the faculty. A dedicated teacher, Macdonald was awarded the 2001 University of Manitoba Outreach Award and has received a Preservation Award of Excellence from Heritage Winnipeg.

NORMAN FROHLICH

Professor Emeritus

Norman Frohlich joined the University of Manitoba in 1979 and served as professor and department head in the Aspen School of Business during his tenure. He is also a founding member of the Manitoba Centre for Health Policy. He developed and taught courses on program evaluation, business-government relations and philosophy of science as well as serving on a wide range of faculty and university committees. Frohlich has received numerous awards at the national and international levels for his work.
Bison Sports

FOOTBALL
Oct. 18 – Calgary at Manitoba, University Stadium, 1 p.m.

SOCCER
Oct. 25 – Trinity Western at Manitoba, University Stadium, 3 p.m.
Oct. 26 – Fraser Valley at Manitoba, University Stadium, 12 p.m.

WOMEN’S HOCKEY
Oct. 17 – Regina at Manitoba, Max Bell, 7 p.m.
Oct. 18 – Regina at Manitoba, Max Bell, 7 p.m.
Oct. 24 – Balmoral Hall at Manitoba, Max Bell, 7 p.m. Non-conference game.
Oct. 25 – Shattuck St. Mary’s at Manitoba, Max Bell, 4:30 p.m. Non-conference game.
Oct. 31 – Alberta at Manitoba, Max Bell, 7 p.m.

WOMEN’S VOLLEYBALL
Oct. 31 – Thompson Rivers at Manitoba, Investors Group Athletic Centre, 6 p.m.
Nov. 1 – Thompson Rivers at Manitoba, Investors Group Athletic Centre, 6 p.m.

MEN’S VOLLEYBALL
Oct. 31 – Thompson Rivers at Manitoba, Investors Group Athletic Centre, 7:30 p.m.
Nov. 1 – Thompson Rivers at Manitoba, Investors Group Athletic Centre, 7:30 p.m.

WOMEN’S BASKETBALL
Oct. 24 – Calgary at Manitoba, Investors Group Athletic Centre, 6 p.m.
Oct. 25 – Lethbridge at Manitoba, Investors Group Athletic Centre, 6 p.m.

MEN’S BASKETBALL
Oct. 24 – Calgary at Manitoba, Investors Group Athletic Centre, 8 p.m.
Oct. 25 – Lethbridge at Manitoba, Investors Group Athletic Centre, 8 p.m.

CROSS COUNTRY
Oct. 18 – Manitoba Championship, Kildonan Park, 8 p.m.

TICKET INFORMATION
Single Game
Adults: $10
Students and Seniors: $5
12 and under: free
Season pass
packages available

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

 eventosListing
University of Manitoba

Med school celebrates 125th

In 1883, the University of Manitoba Faculty of Medicine began when 13 Manitoba physicians and one school inspector came together to organize the first medical school in western Canada. The inaugural lecture was given Nov. 21, 1883 – and thus began the future of medical education in Manitoba.

The 125th Anniversary Gala will honour our Medical School’s proud history and tradition of excellence. For 125 years, it has been creating physicians and serving the health-care needs of Manitobans. Now it’s time to pay tribute to the Faculty of Medicine, celebrate the important role it plays in our community and its vibrant future!

The Faculty of Medicine’s 125th Anniversary Gala Dinner and Dance takes place 6:30 p.m., Saturday, Nov. 1 at the Delta Winnipeg, 550 St. Mary Ave. The dress is black tie optional. Individual tickets and tables of 10 are available.

Limited seating is available. Each couple or ticketholder will receive a complimentary Faculty of Medicine 125th Anniversary book.

Proceeds from the 125th Anniversary Gala Celebration will be directed to the Faculty of Medicine Archives.

To order tickets or for more information, please call 975-5615 or 1-800-330-8066.

The Faculty of Medicine is also hosting a special symposium entitled Manitoba’s Medical School 125 Years On: Where do we go from here?

The symposium will run from 8:45 a.m. to 12:15 p.m., Saturday, Nov. 1, Theatre A – Basic Medical Sciences Building, 750 William Ave., Bannatyne Campus.

The Health Forum Report: Our Medical School: Imagine its Potential, will be released at 12:15 p.m.

For information call 975-7742 or e-mail reimerca@cc.umanitoba.ca.

Bannatyne Campus

St. Boniface General Hospital and Research Centre

WEDNESDAY, OCTOBER 22
Obstetrics and Gynecology Grand Rounds, Quality Assurance in Cervical Cancer Screening by Ruben Lortie, Medical Director, Manitoba Cervical Cancer Screening Program, 7:45 a.m., Wednesday, Oct. 22.

Pathology Teaching Rounds, The Pathologist role in non-surgical management of local prostate carcinoma by Ibrahim Aljada, assistant professor, department of pathology, MS473 Thorlakson Building, Health Sciences Centre, 1 p.m., Wednesday, Oct. 22.

THURSDAY, OCTOBER 23
Pediatric Grand Rounds, Sepsis and Acute Kidney Injury, Risk and Fluid Therapy by Allison Dart, pediatric nephrology, Theatre A Basic Medical Sciences Building, linked to NG002 St. Boniface Hospital, 8 a.m., Thursday, Oct. 23, linked to NG002 St. Boniface Hospital.

FRIDAY, OCTOBER 24
Community Health Sciences, How much occupational disease is there in Canada? by Allen Kraut, associate professor, departments of internal medicine and community health sciences, Dr. Betty Havens Seminar Room R060 Medical Rehabilitation Building, 12 p.m., Friday, Oct. 24.

MONDAY, OCTOBER 27
Infectious Diseases and Medical Microbiology, Clostridium difficile: Modelling the interaction with the Human Gut Microbiome by Michelle Alfa, 540 Basic Medical Sciences Building, 9 a.m., Monday, Oct. 27.

TUESDAY, OCTOBER 28
Internal Medicine Grand Rounds, Diabetes Proteins-Insulin resistance effects on proteinuria by Errol Marles, Theatre A Basic Medical Sciences Building, 8 a.m., Tuesday, Oct. 28.

TUESDAY, OCTOBER 21
Internal Medicine Grand Rounds: Bug Day, Infection Control - Why do we do what we do by John Embil, Theatre A Basic Medical Sciences Building, 8 a.m., Tuesday, Oct. 21.

WEDNESDAY, OCTOBER 29
Bench to Bedside Rounds, Neural Tube Defects: Past Achievements and Present Challenges. From Research to Practice and Back Again by Jane Evans, professor, biochemistry and medical genetics, and Carol Schneider, assistant professor, obstetrics and gynecology, Theatre A Basic Medical Sciences Building, 12 p.m., Wednesday, Oct. 29.

Pathology Teaching Rounds, Brain Swelling by Marc Del Bigio, Professor, Department of Pathology, Faculty of Medicine, University of Manitoba and Canada Research Chair in Developmental Neuropathology, MS473 Thorlakson Building, Health Sciences Centre, 1 p.m., Wednesday, Oct. 29.

THURSDAY, OCTOBER 30
Clare Brant Memorial Lecture in Aboriginal Health, The Ethical Spaces of our Humanity by Willie Ermine, assistant professor, First Nations University of Canada, Theatre A, Basic Medical Sciences Building, 11:30 a.m., Thursday, Oct. 30.

Immunology, Immunological Crosstalk: Environmental Factors and Host Responses to Microbial Agents by Martin Stampfl, associate professor, and assistant dean medical sciences (graduate program), department of pathobiology and molecular medicine, Michael DeGroote Centre for Learning and Discovery, McMaster University, 500 John Buhler Research Centre, Immunology Library 604/605 Basic Medical Sciences Building, 12 p.m., Thursday, Oct. 30.

FRIDAY, OCTOBER 31
Community Health Sciences, Pandemic Planning: Ground Zero by Willie Ermine, assistant professor, First Nations University of Canada, Dr. Betty Havens Seminar Room, R060 Medical Rehabilitation Building, 12 p.m., Friday, Oct. 31.
Fort Garry Campus

FRIDAY, OCTOBER 17
Chemistry, Topic TBA by Rajesh Pillai, department of chemistry, 539 Parker Building, 2:30 p.m., Friday, Oct. 17.

Mathematics Graduate Student Seminar, Bohman-Korovkin Theorem and its applications by Oleksandr Mazliah, 124 Machray Hall, 2:30 p.m., Friday, Oct. 17.

Economics, Playing the Waiting Game in the IPO Market by Gou Mathokota, Florida State University, 307 Tier Building, 2:40 p.m., Friday, Oct. 17.

Zubek Lecture: Psychology, The evil that men do lives after them: Responses to historical injustices by Michael Ross, department of psychology, University of Waterloo, 3 p.m., Friday, Oct. 17.

Chemistry, Topic TBA by Rajesh Pillai, department of chemistry, 539 Parker Building, 2:30 p.m., Friday, Oct. 17.

MONDAY, OCTOBER 20
Centre for Professional and Applied Ethics, Canada in Afghanistan: Ethics, the War, and Wedge Politics, Is Canada changing Afghanistan or is Afghanistan changing Canada? by Steven Staples, president of the Rideau Institute (Ottawa), director of Security Programs for the Polars Institute, Private Dining Room, 204 University College, 12:30 p.m., Monday, Oct. 20.

Bringing Research to Life Speaker Series,Oops! Where did all the Safe Food Go? by Rick Holley, professor, department of food science, Robert B. Schultz Lecture Theatre, St. John’s College, 7 p.m., Tuesday, Oct. 21.

WEDNESDAY, OCTOBER 22
Pathology, The Pathologist’s role in management regimes on alpine lakes and management of aquatic ecosystems by Phil DeCicca, McMaster University, 307 Tier Building, 3:30 p.m., Tuesday, Oct. 21.

School of Art, Tornos for the World of Tomorrow: Naive art, Canadian identity and World’s Fairs by Leslie Dawn, art historian, 207 FitzGerald Building, 3 p.m., Wednesday, Oct. 22.

Winnipeg Institute for Theoretical Physics, Physics/Physics and Astronomy, Non-archimedean analysis: Introduction and Motivation by Khodr Shamseddine, department of physics and astronomy, 330 Allen Building, 3:30 p.m., Wednesday, Oct. 22.

Institute for the Humanities, Thinking Out Loud, Tina Chen, history, and Hua Li, Asian studies, will discuss Michael Meyer’s The Last Days of Old Beijing, Terry MacLeod, host, Information Radio 990, CBC, moderates the discussion, McNally Robinson Booksellers, Grant Park Mall, 7:30 p.m., Wednesday, Oct. 22.

THURSDAY, OCTOBER 23
Institute for the Humanities, History of the Body Research Cluster, Body Parts and Bodies Apart: (Re)reading accounts of physical injury from the 16th century by Darlene Abreu-Ferreira, history, University of Winnipeg, 409 Tier Building, 2:30 p.m., Thursday, Oct. 25.

University College, Icelandic politics in a new century by Birgir Guðmundsson, assistant professor, media studies and politics, University of Akureyri, The Concourse Lounge, University College, 5 p.m., Thursday, Oct. 25.

Faculty of Education Distinction Lecture Series, Imagination: Why it’s the core of schooling for democracy by Deborah W. Meier, senior scholar and adjunct professor, New York University’s Steinhardt School of Education, 224 Education Building, 7:30 p.m., Thursday, Oct. 25.

Advanced Plant Science, Breeding for a Better Bowl of Porridge by Jennifer Mitchell Fehr, (AAFC), Carolyn Sifton’s Lecture Theatre Agriculture Building, 3:30 p.m., Thursday, Oct. 25.

2008 University of Manitoba Warhaft Lecture, The Voice Within: Epiphanies of Consience from Augustine to Abu Ghazala and Beyond by Paul Strohm, The Inn at the Forks, 8 p.m., Thursday, Oct. 25.

FRIDAY, OCTOBER 24
Institute for the Humanities, Beyond Molly Wood’s Bush: The Queer Politics of Commemoration by Steven Maynard, Queen’s University and the McGill Institute for the Study of Canada, 409 Tier Building, 2:30 p.m., Friday, Oct. 24.

Mathematics Graduate Student Seminar, Mathematical Analysis of the Transmission Dynamics of HIV/TB Co-infection by Seun Sharami, 124 Machray Hall, 2:30 p.m., Friday, Oct. 24.

Chemistry, Topic TBA by Glenn Dorsam, Chemistry and Molecular Biology Department, North Dakota State University, 559 Parker Building, 2:30 p.m., Friday, Oct. 24.

Economics, Health Insurance Availability and Entrepreneurship by Phil DeCicca, McMaster University, 307 Tier Building, 3:30 p.m., Friday, Oct. 24.

Biological Sciences Seminar Series, Aquatic Ecosystems Scientist, Environment Canada, The effects of changing climate and fisheries management regimes on alpine lakes in Banff National Park by Brian Parker, 201 Duf Roblin Building, 3 p.m., Friday, Oct. 24.

Psychology, Validating explicit and implicit statements in language understanding by Murray Singer, psychologist, 4142 Duf Roblin Building, 3 p.m., Friday, Oct. 24.

Events continue on Page 10

Arts & Entertainment

GALLERY ONE ONE ONE

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

RESOLVER UPTOWN TWO

RESOLVER UPTOWN exhibition series includes a revolving display of Art, Science, Art, and documentation on the Partition Walls and South Wall and Windows of Gallery One One One. The opening reception for Resolover Uptown Two will take place 5 to 8 p.m., Wednesday, Oct. 22 with Craig Love, Johanna Schmidt, Lisa Wood.

Faculty of Architecture

THE BLACK HOLE THEATRE

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

THE UNIVERSITY COLLEGE LUNCH BAILAGG SERIES

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

THE TABLE

by Ida Fink

October 21 to 23

Set in a World War II crimes courtroom, the play looks at the absurdity of courtroom procedures getting in the way of proving the guilt of the Nazi officer on trial. Fink’s story is told through the recollections of the 4 Holocaust survivors being questioned by the prosecutor.

Marcel A. Desaultes 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

• Mardi Jazz Concert, with U of M jazz students, Franco-Manitoban Centre, 340 Provencher, 8 p.m., Tuesday, Oct. 21, tickets are available at the door.
• University Symphony, The Great Hall in University College, 7:30 p.m., Wednesday, Oct. 22, tickets available at the door.
• Bison Men’s Chorus, MTS Centre, Portage Avenue, 2 p.m., Sunday, Oct. 26, tickets available at the door.
• Faculty Concert Series, with Allen Harrington on saxophone, David Moroz on piano, and special guest artist Jimmy Greene on saxophone, along with members of our Jazz faculty, Eva Clare Hall, Faculty of Music, 7:30 p.m., Sunday, Oct. 26, tickets at the door: $15 for adults or $8 for students.

Winnepeg Chapter Society for Neuroscience

2008 Grass Traveling Scientist Lecture

Dr. Jonathan Wolkow, MD
Chief, Laboratory of Nervous System Disorders
Wadsworth Centre, New York State Department of Health
Albany, New York

Monday, October 27, 2008
Grass Traveling Scientist Lecture

“The CNS Mechanisms and Therapeutic Uses of a Simple Motor Skill”
3:00-4:00PM
Theatre C, 2nd Floor
Basic Medical Sciences Building, 745 Bannatyne Avenue

Tuesday, October 28, 2008

“Brain-Computer Interfaces for Communication and Control”
1:00-2:00PM
Rm 204, 2nd floor, Brodie Centre, 727 McDermot Avenue

Winnipeg Chapter

For more information on the WSCN visit http://www.wscn-manitoba.ca/
Events Listing

From Page 9

Physics and Astronomy, DNA
Magnetism: A new paradigm in Nano-
bio-electronics by Tapash Chakraborty,
3:30 to 4 p.m., Friday, Oct. 24.

SUNDAY, OCTOBER 26

Classes, The Ancient and the Modern
Water Engineering at the Extremes of
Time by Milodar Nikolic, University of
Winnipeg, 231 University College, 3

Hanley Lecture Series, Religious
Environmentalism, Ecological
Democracy, and the Problem of Evil:
Spiritual Life in an Age of Ecocide:
Political Resistance and the Problem
of Evil by Roger S. Gottlieb, Professor
of Philosophy, Worcester Polytechnic
Institute, 2:30 to 3:30 p.m., Sunday,

Hanley Lecture Series, Religious
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Democracy, and the Problem of Evil:
Religious Environmentalism and our
Planet’s Future by Roger S. Gottlieb,
Professor of Philosophy, Worcester
Polytechnic Institute, 2:30 to 3:30 p.m.,

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MIXED MEDIA EXHIBITION

October 16, 2008

Sunday, October 26

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Polytechnic Institute, 2:30 to 3:30 p.m.,
### Where did all the safe food go?

**BY SEAN MOORE**

Food borne illness makes us and our economy sick, and unless major changes take place a healthy future remains precarious, a University of Manitoba professor said, and will say again.

Food Science’s Rick Holley will deliver this year’s first free public lecture on October 21, as part of the University’s Bringing Research to Life speaker series (formerly Get to Know Research at Your University), details below. He will speak about Canada’s food safety issues.

I want people to recognize that there are some specific dangers in the food system in Canada and there is a need for the government to take very specific action to address these issues,” Holley said.

“I want to put this food borne illness outbreak we recently saw into some perspective in terms of what is down the road for us as a society.”

Holley said we’re too reliant on inspection of food and not food systems (like ensuring pasteurization is properly performed), we’re not gathering and sharing good data about food borne illnesses so our surveillance programs are impotent, and our legislation needs retouching.

Right now the Canadian government is under pressure to inspect food for its safety. “But you can’t inspect safety into food. Anyone who thinks you can is naive: you can’t inspect them all, and not another, inspecting cows is in vain: you can’t inspect them all, and there is no guarantee that after you give Daisy a clean bill of health, she won’t turn around and drink from the trough a contaminated Betsy just visited.”

Rather, begin by ensuring you don’t feed cows E. coli O157:H7. A study conducted last year in the eastern US found 17 percent of feed harboured E. coli O157:H7. Given that a substantial amount of Canada’s feed comes from the US, how, Holley asks, do we think we’ll keep our cows free from it?

What is more, about 25 percent of feed used internationally is contaminated with Salmonella. Holley said the manure produced from these feeds, if used as fertilizer, may result in us ingesting these bacteria. Or our dogs, which then lick humans and pass the bug along.

Once people fall ill, poor and incomplete data gets collected. There is, for instance, no standard for what gets reported to Ottawa, and the national hodgepodge of data pertaining to animals, feed and humans, often gets pooled together. Diluted, the data is no longer useful in predicting food borne illnesses. In short, we lack a database that can allow us to identify which organisms or foods make us ill most frequently, so we can’t manage the risk.

Every year, according to a federal government website, 11 to 13 million Canadians suffer from a food borne illness. When dramatic events occur, like the recent Listeria outbreak, the world takes note. Our trading partners like China get scared about our poor food products just as easily as we get scared of, say, their powdered milk. Reputations affect currencies.

To learn more about the issues, come to Holley’s free lecture, “Oops! Where did all the safe food go?” on October 21, at 7 p.m. in the Robert B. Schultz Lecture Theatre, St. John’s College.

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### In Brief

**Of mice, the man**

Geoffrey Hicks, Biochemistry and Medical Genetics, has received the researcher of the month award from Canadians for Health Research (CHR).

Hicks’ research aims to understand the relationship between genes and their specific functions in everyday activities and in disease promotion. He uses gene-knockout mice to elucidate these processes and he is now in the process of generating a mouse cell library that will contain mutations in every gene in the mouse genome; a boon to genetic research.

Hicks is a Canada Research Chair in functional genomics and the Director of the Manitoba Institute of Cellular Biology’s Mammalian Functional Genomics Centre, a centre in the Manitoba Institute of Cell Biology, which is a joint institute between the University of Manitoba and CancerCare Manitoba.

CHR is a national, non-profit organization dedicated to engaging Canadians in understanding health research issues, scientific processes and their impact.

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### Upcoming

**Cafe Scientifique:**

**What is Age-Friendly?**

Monday, October 27, 2008

7:00 PM

McNally Robinson, Polo Park (1485 Portage Avenue)

Admission is free.

For more information, contact:

Lindsay Fagundes

e-mail: Lindsay_Fagundes@umanitoba.ca

Phone: (204) 474-9020

**The Road to Stockholm- A Nobel Mission**

Friday, November 7, 2008

11:00 AM

345 Drake Centre

IH Asper School of Business

**Please RSVP**

Seating is limited

e-mail: lindsay_fagundes@umanitoba.ca

Phone: (204) 235-3206

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**Helping save soldiers**

**BY SEAN MOORE**

“It’s a noble project. They come to us because we’re losing soldiers and they want to change that,” Nabil Bassim said.

Know how materials behave when they get hit by a projectile. How do they perform? Do they break or just deform? That is the basic area of my research,” Bassim said.

Bassim takes specimens of various metals and ceramics and shoots them, half the size of a fist, and he puts it in a specimen holder at the end of a metal tube. Inside the tube are three-meter-long tubes slides a two-kilogram steel rod. An air cannon shoots the rod at 50 meters a second into the specimen, instantly crushing it into a coin. Bassim then cuts into the specimen and examines it for shear bands under a microscope. Shear bands, at their most basic level, are folds in the material. They are not cracks, although cracks predominantly reside in shear bands. Rather, they are manifestations of impact; lines that show how the force travelled through the material and how its crystalline structure deformed as a result. They betray a material’s inherent weakness and for armour’s purpose, the fewer shear bands the better.

Bassim uses a series of sensors to collect, milliseconds by milliseconds, heaps of data pertaining to each material’s performance during impact. He uses this information to construct a failure mode diagram.

“We are cataloguing a number of materials of interest to the sponsor in order to see how these materials react in a target-projectile system so they can determine which design is best to use in any given circumstance” he said.

As with most experimental sciences, he’s uncovered some surprises. For instance, Bassim found soft materials, like pure copper, much harder to produce shear bands in than he previously reckoned. The reason has to do with copper’s crystalline structure and ability to uniformly move very quickly.

“Doing this work feels good. If it saves lives, of course it is good. I don’t feel I am researching for destruction. It’s research that saves lives. You can make justifications that we are protecting our homeland, but we can use this information for a lot of things, like building better railway tracks or finding materials that can be used in jet engines to better withstand collisions with birds. It’s research to save lives.”
Senate approves proposed stadium site

Senate approved the siting of a proposed football stadium within the university’s designated sport and active living precinct. The proposed site would position the new 30,000 seat stadium at the corner of Chancellor Matheson and University Crescent. The stadium site plan does not envision any use of the Southwood lands.

The exact details of the stadium plan are very much at the discussion stage, but it will, clearly, have a major impact on the Fort Garry campus. The tennis courts will have to be relocated and a traffic plan will be undertaken as part of the project. Noise and light pollution were raised as a potential concern, but Debbie McCallum, vice-president (administration), said the stadium’s design, which involves placing the playing field 25 feet below ground level, should help alleviate those issues. As compared to the CanadInns Stadium at Polo Park, McCallum said the lights and – ideally much of the crowd noise – would be directly down into the bowl, with the partial roof helping to keep a lid on both noise and light pollution.

Parking should actually be improved at the university with a parkade taking the place of some of the adjacent surface parking.

Senate member Gene Waltz said the site under consideration seems like a tight fit and asked if a position closer to Pembina Highway was ever considered. “The property next to Pembina Highway was never seriously considered,” McCallum said. “That property could eventually be used for the future expansion of Smartpark.”

“The proposed site does look small but when you see the plan it actually fits quite nicely and there’s even room for 280 parking stalls and a plaza,” McCallum said. By keeping the new stadium in the precincts the university will also be able to integrate it with University Stadium, and the other existing sport facilities.

President David Barnard was happy to see Senate back the site plan for the proposed stadium.

“There’s no reason to think this project will not be successful and in the short term we’ll see a significant improvement in the facilities available for our students,” Barnard said. But it’s the long term potential that is most promising with the stadium serving as a lever to draw the community into a tighter relationship with the university.

Senate also approved the siting of the 2,000-square foot WestGrid Computing Building, which will be tucked in between the Armes Building and the Buller Building. The site had been occupied by a chilled water building, which is no longer operational. The new building will contain high performance computers, creating a need for major electrical and cooling requirements. An upside of the site is that the heat generated by the WestGrid Computing Building can be used to heat the adjacent science complex.