The Bulletin
University of Manitoba

World view
Exodus recalled
Northern boots

Students presented their images and thoughts in the Global Colours Photography Contest.
The Hungarian Revolution and exodus that followed had a profound impact on Canada.
Professors Jill Oakes and Rick Riewe find there’s a lot we can learn from clothing.

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Battle of the Ditch

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Funds to keep U of M dry

The U of M is benefiting from a $2.25 million infrastructure investment for a storm water management project funded under the Canada-Manitoba Municipal Rural Infrastructure Fund (MRIF) and based on equal contributions from the Government of Canada, the Province of Manitoba and the University of Manitoba.

The announcement was made on Friday, March 7, by Christine Melnick, Manitoba Minister of Water Stewardship and Joy Smith, Member of Parliament for Kildonan-St. Paul.

“The Province of Manitoba is pleased to be a partner in providing a significant contribution to this project,” Melnick said. “These steps to install an improved, permanent storm water pumping system will contribute to a cleaner and healthier environment and help protect the university from flooding and resulting damage.”

“The Government of Canada is working in partnership to construct, restore and modernize Canada’s infrastructure in order to improve the quality of life for all Canadians,” Smith said. “This collaborative investment of $2.25 million for a new underground storm water pumping station will help improve the management of collected storm water at the University of Manitoba’s Fort Garry campus, thus protecting it from flooding and resulting damage.”

The University of Manitoba will establish a new pumping station and collection and discharge piping to handle collected storm water during high river levels. With this new system, the collected storm water will be removed and discharged more efficiently to protect the campus from flooding and resulting damage. From the pumping station, the water will be discharged to a new outfall constructed in the Red River.

See INFRASTRUCTURE/P. 2

Campbell remembered

Ralph Campbell was the eighth president of the University of Manitoba, serving the years 1976 to 1981. During his five-year term, he laboured successfully to make university more accessible to mature students and strived to improve relations between faculty and administration, and with the general community.

A native of southern Ontario, Campbell studied at the University of Toronto and at Oxford as a Rhodes Scholar. An agricultural economist, prior to his appointment as president he was principal of Scarborough College at the University of Toronto. He was also very active in international development, serving as an economic advisor to the government of Jordan in 1962 and of Kenya in 1969. He went back to Africa in 1981 as part of a project with the Canadian International Development Agency (CIDA).

Campbell received an honorary doctoral degree from the University of Manitoba in 1984. He was made a Member of the Order of Canada in 1986.

Campbell lived with his wife Ruth in Orillia, Ontario. They were frequent visitors to the University of Manitoba, most recently attending the 2006 Spring Convocation.

His good nature and outgoing personality made him a well-liked figure on campus and in the community. Born Nov. 14, 1918, Campbell passed away on March 13, 2008. His love for university life never faded – in his obituary his family asked that in lieu of flowers friends make a donation to the university of their choice.

See INFRASTRUCTURE/P. 2

One University. Many Futures.

News

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See INFRASTRUCTURE/P. 2

One University. Many Futures.
Infrastructure dollars will flood proof campus

From Page 1.

“This funding will provide for essential upgrades necessary to ensure the ongoing protection of our campus from flooding,” said president Emilie Sauthnary. “We are pleased to work in partnership with the federal government and the Province of Manitoba to provide an improved campus infrastructure for our students, staff and visitors.”

The University of Manitoba’s Fort Garry campus was hit by high water in 2005. The problem was high water levels on the Red River which forced the university to close its outfall gates to prevent river water from backing up onto campus. However, when the university was hit by a summer storm on July 2, the existing system couldn’t pump out the water fast enough, creating an estimated $500,000 damage to buildings across campus.

The initial Canada-Manitoba MRIF agreement invested a total of $120 million in communities across Manitoba. This year, an additional $25 million is being provided to MRIF through matching funds from the governments of Canada, Manitoba and local contributions as part of the commitment to help small communities meet their infrastructure needs. This additional funding will bring the total federal and provincial investment and matching local contribution in MRIF projects to $145 million.

Collège and U of M stay together

The University of Manitoba is renewing one of its oldest partnerships.

Collège universitaire de Saint-Boniface president Raymonde Gagné was on hand March 9 as Senate gave its approval to a new affiliation agreement between the collège and the University of Manitoba. The agreement will now go on to the Board of Governors for approval.

“This new agreement takes into account the evolution of the college and the university. It provides for a close association between the collège and the university of each of us with a level of autonomy while keeping our complementary relationship,” Gagné said.

Collège universitaire de Saint-Boniface has been in existence since 1818 and was one of the University of Manitoba’s founding colleges in 1877. The agreement provides for the University of Manitoba to be the degree granting body for the college. So while students will earn a University of Manitoba degree even though they take their studies in French,” president Emilie Sauthnary said. “It’s proof of the confederation of Canada and it’s unfortunate more people don’t take time to learn to communicate in both official languages.”

The agreement between the university and the college is renewed periodically, the last time being in 1972. The new agreement stipulates that the next review will take place in 2023.

The new agreement better details how the association between the college and the university works. It also gives the collège more freedom in updating and changing its courses while still ensuring that the university is consulted on changes.

But perhaps most of all, it ensures that a long time partnership continues.

“It’s a point of pride for the university that the collège did not want to sever this relationship,” Sauthnary said. “It values it too.”

Checking the health of riverbanks

Researchers from the Faculty of Engineering at the U of M are now leading a project, which involves its kind, to load test a section of riverbank in Winnipeg to determine how best to protect riverbanks throughout the province.

Riverbank property can be there today and gone tomorrow. This is a significant concern for both government and private riverbank owners given the risk a riverbank failure poses to their property.

The research project site is located in River Road Park adjacent to Minnetonka Street in St. Vital. Rockfill columns have been installed in the riverbank along with extensive instrumentation to monitor the behaviour of the riverbank. The instrumentation provides engineers and scientists with important data obtained under riverbank loading or flood conditions that occur at the site. This research will lead to improved rockfill column design and construction methods, hence more cost efficient applications to stabilize riverbanks.

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What did Canada learn in 1956?

By Dale Barbour

The Bulletin

The University of Manitoba played host to the Hungarian Exodus Exhibition from March 10 to 19. The exhibition focused on the events of the 1956 Hungarian Revolution and the exodus of nearly 250,000 people from Hungary which followed. Of those people, some 40,000 went on to make their home in Canada.

And it is that exodus and the Canadian response that still has resonance for Canadians today, president Emőke Szathmáry said at the opening of the exhibit on March 10.

The revolution itself played out between Oct 23 and Nov. 10, 1956 – grinding to a close as Soviet tanks rolled into and took control of the streets of Budapest. Soviet troops would remain in Hungary until the end of the 1980s as communism unwound across Europe. But for those driven out of Hungary in 1956, whether due to fear for their lives or simple weariness of political repression, the question of where to find a new home was a first priority.

At first glance, Canada might have seemed both an obvious choice and an easy one. The Canadian government stepped up to take in a unprecedented number of Hungarian refugees – going so far as to bear the cost of transportation and providing support until the refugees were able to find jobs.

But in some ways, the Hungarian experience cap-tured a transition in attitudes about ethnicity in Canada. ‘After the Hungarian revolution, immigration policy changed in Canada, and even more importantly, attitudes towards immigrants changed enormously,’ Szathmáry said. ‘And the people who were treated humanely and well, responded in kind virtually immediately.’

Szathmáry said Canada took from 1956 the lesson that there was a need to invest in ‘new Canadians’ and that the payoff would be citizens willing, and able, to contribute to the country.

‘The exhibition included detailed panels on the events of 1956. But much of the display relied on pictures to tell the story more elegantly than words could.’ Botar said. ‘Television was becoming the medium of currency in North America and even in Hungary the first television had just rolled off the assembly lines.’

‘Records in the archives of the University of Manitoba detail that 18 Hungarian students were admitted to the university,’ Szathmáry noted. ‘It would be overly romantic to say the 40,000 refugees were welcomed entirely without question. But in some ways, the Hungarian experience captured a transition in attitudes about ethnicity in Canada. ‘After the Hungarian revolution, immigration policy changed in Canada, and even more importantly, attitudes towards immigrants changed enormously,’ Szathmáry said. ‘And the people who were treated humanely and well, responded in kind virtually immediately.’

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This Lunch Hour has 33 minutes

Get to Know Research at your university

Speaker Series

Dr. Gordon Goldsborough
Associate Professor, Department of Botany
Director, Delta Marsh Field Station

But Nary a Drop to Drink: Manitoba’s Wetlands and Water in the 21st Century

Wetlands are among the most productive places on Earth, providing habitat for thousands of species of plants and animals. Dr. Gordon Goldsborough, Director of the University’s Delta Marsh Field Station and Chair of the Lake Manitoba Stewardship Board, will discuss the threats to wetlands in Manitoba, from exotic species to changes in water supplies and chemical contamination from the surrounding landscape.

Wednesday, March 26, 2008 at 7:00 pm
Smartpark Lobby Boardroom
University of Manitoba
135 Innovation Drive

Free admission and parking, everyone welcome! Refreshments will be served.
For more information call 474-9020.

Benedict Albenzi
Assistant Professor, Department of Pharmacology & Therapeutics

Brain Research: Why Cutting-Edge Programs and High Level Technologies Need a Team Approach

Dr. Albenzi will outline his current collaborative research program that involves understanding how biological memory works and determining mechanisms of action that are associated with memory impairments. In particular, he will emphasize the advantages and necessities of forming a team in order to conduct internationally competitive medical research.

Thursday, March 27 at 12:00 noon
405 John Buhrer Research Centre
715 McDermot Avenue
Bannatyne Campus

$5/person (lunch provided) Registration is required
To reserve your seat contact Kim Stefaniuk (k) kam_stefaniuk@umanitoba.ca or F) 474-9020

This series is sponsored by the Office of the Vice-President (Research)
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Coppola receives literary prize

Italian instructor Carmine Coppola recently won the International Association of Artists “Poetry of Life” (“Associazione Internazionale Artisti ‘Poesia della Vita’”) Arden Borghi Santucci Literary Prize for his poem “L’amicizia.”

The literary prize is dedicated to a contemporary female Italian poet, Arden Borghi Santucci, whose love of poetry and the Italian language was an inspiration to many writers who followed in her footsteps. Writers this year were asked to respond on the various facets and types of love.

Coppola’s poem centred on the love one may have for a friend and the pain in seeing a human life waste away due to drugs and their devastating effect. “L’amicizia” will also be published in a literary anthology dedicated for high school girls in Italy because it deals with an important subject matter for today’s youth, that is, drugs and their effect on a human life.

The poem was also chosen to be used in the educational programme for children in Italy because it deals with an important subject matter for today’s youth, that is, drugs and their effect on a human life.

The university can draw a couple of lessons from a series of fire drills conducted across both campuses last fall: one is that it’s easier to evacuate offices than it is to evacuate classrooms or dormitories, and two is that there’s no longer a question about the fire marshals to help lead the evacuation.

The library storage building are set to wrap up March 31.

The research chair will be supported by a $5 million endowment fund, which includes a $1 million contribution by members of the university’s alumni society and an additional $2 million from fundraising activities.

Chair in Gastroenterology

Senate gave its approval on March 5 to a proposal to establish an endowed chair in gastroenterology. The proposal will now go on to the Board of Governors for final approval.

Chair in gastroenterology

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

Get free information from the L. Kerry Vickers Business Law Clinic at the Faculty of Law

Call 474-9949 to book an appointment.

The Bulletin
March 20, 2008
Page 5
Tracking meaning in footwear

Oakes and Riewe study indigenous clothing across circumpolar region

Books
by University Staff

BY DALE BARBOUR
The Bulletin
You can find a lot of meaning in a person’s footwear. Over the past 24 years professors Jill Oakes, environment and geography, and Rick Riewe, biological sciences, have been trekking across the circumpolar region to study the footwear of indigenous people and what it means from a cultural and environmental standpoint.

Their latest book, Alaska Eskimo Footwear, is really just one piece of the larger project — previous works have included Our Boots: An Inuit Women’s Art, as well as Spirit of Siberia Traditional Native Life, Clothing, and Footwear. In all there have been eight books written on the theme and over 100 publications.

“The history of the indigenous people in the North and the history of their environment is really tied into their footwear,” Oakes said. “The footwear is like a written textbook of their culture, events, climate change, and belief system along with the status, age and gender of the wearer.”

For the Alaskan project, Oakes and Riewe traveled through the coastal communities of Alaska, living with Aboriginal people and learning how clothing integrated into their way of life. The book is also a how-to-guide, directly preserving the traditional knowledge and techniques used to make the footwear.

“When you look at Alaskan footwear, you can see that people are living in a very diverse range of environments,” Riewe said. “One community member had 15 different kinds of boots. They all had a different purpose and were built for different situations.”

If hunters are headed out onto the coastal icepack and they’ll definitely want something that is waterproof to protect them if they fall through the ice.

Climate change can be traced through the changing types of boots required by Indigenous people — including a growing need for waterproof boots to deal with increasingly fragile ice conditions. But it is also reflected in the changing conditions of animals such as caribou, which in turn impact the boots.

“You can see the thickness of the animal skin changing in the boots. The caribou have thinner skin and less hair in their coats,” Oakes said. “The women making the boots say when they are scraping the skins for the boots it doesn’t behave the same way it used to and they’ve had to adjust their techniques.”

The clothing is also permeated with the spirituality of the indigenous people. Riewe said when they were working in the Bering Strain they were told the story of three hunters disappearing while on a trip and how the women in their village hung up the hunter’s spare boots and watched them for movement. If the boots continued to move as they hung from the rafters the wives knew their husbands were alive, if the boots stopped moving the women knew their husbands had died on ice.

Throughout their research Oakes and Riewe have earned the University of Manitoba/University of Nairobi World Health Organization fellowship and the University of Manitoba/Faculty of Medicine. Ronald has been working in the Department of Medical Microbiology, 26 in Marshall McLuhan Hall, 204 University of Manitoba.

Ronald will speak to retirees

The 23rd President’s Reception for Retirees will be held on Saturday, April 26 in Marshall McLuhan Hall, 204 University Centre. The event begins at 2 p.m.

The guest speaker is Allan Ronald, who has recently retired from the Department of Medical Microbiology, Faculty of Medicine. Ronald has been a leader in the fight to eradicate AIDS in Africa. He was instrumental in establishing the University of Nairobi World Health Organization Research and Training Program in 1980. Based on his experiences, his presentation will focus on Global Health — A Role for Manitoba. Following his address, president Emeritus Scott Maceachern will bring those in attendance up to date on happenings at the university.

Refreshments will be served after the presentations.

Retirees, spouses and survivors of retirees are all welcome to attend this event. Attendees are asked to RSVP to Linda Lassman at 474 9124 or e-mail her at linda_lassman@umanitoba.ca by April 18.

University College is pleased to present:

Polar Bears, Seals, and Climate Warming in Hudson Bay and the High Arctic

a public lecture by

Dr. Ian Stirling

Dr. Ian Stirling is a Research Scientist Emeritus with the Canadian Wildlife Service and an Adjunct Professor in the Department of Biological Sciences, University of Alberta, Edmonton. He has done research on polar bears and polar seals (Arctic and Antarctic) for 40 years, particularly in the areas of ecology, behavior, evolution, relationships between polar bears and seals, the biological importance of pinnipeds, and the conservation and management of polar marine mammals and ecosystems. For his work, he has won the Northern Science Award, been made an Officer in the Order of Canada, and been elected a Fellow of the Royal Society of Canada. He has authored or co-authored over 200 scientific articles and 3 books.

Thursday, April 3rd at 7:30 pm

Everyone is welcome!

Room 240, University College
University of Manitoba

Reception to follow in the Concourse Lounge
For more information call 474-9751

Free Admission & Free Parking
Gold, silver and bronze results

The University of M Bison cheerleaders came home with a first place victory at the Sea to Sky International Cheerleading Competition in Vancouver on March 1 and 2. Several universities competed from Canada and the United States. There were several categories the team was able to participate in, however the Bison won in the small co-ed category, which limited competitors to just three men on the team.

The Bison beat Portland State University, which was the winner of the large co-ed category.

The victory earned the Bison the Sea and Sky Grand Champions title.

Winnipeg Mayor Sam Katz made sure the team had a warm welcome when they did return to Winnipeg, inviting them all down to City Hall on March 10 for an awards ceremony.

Students jam for a good cause

Students volunteered their time on March 11 to distribute peanut butter and jam sandwiches through Winnipeg Harvest to soup kitchens and boys’ and girls’ clubs in Winnipeg.

St. Norbert MLA Marilyn Brick joined students, staff and the general public who took a few minutes out of their day to help make peanut butter and jam (or maybe just jam, for the purists and those allergic) sandwiches for the needy in our city.

The Re-shop is a project of the UM Waste Prevention Office and of course every item is FREE to donate, FREE to browse, and of course every item is FREE!

The UM Waste Prevention Office is seeking donations to the Re-shop.

Items accepted: Surplus office supplies and other non-hazardous reusable items that are no longer needed by Departments and staff that would otherwise be sent to the trash.

Donations can be dropped off M-F between 8am-4pm at 15 Helen Glass Centre or otherwise be sent to the trash.

All food and safe food handling supplies including bread, peanut butter, jam, spreads and plastic gloves, were provided by local businesses and the university community.

This is the 11th year that the University of Manitoba Bison Women’s curling team at the 2008 CIS/CCA Curling Championship, March 12 to 16, at the University of Waterloo. The team came out on top of its pool, racking up a 5-1 record. In the playoffs the Bison defeated Guelph by a 10-4 margin and then scored a 7-3 win over Calgary to reach the gold medal match.

But while they got off to a strong start against the Laurier Golden Hawks and led 4-2 after six ends, Laurier managed a come back to win the game and the gold medal by a 7-4 margin.

BRONZE

The #5 seeded Bison Women’s hockey team beat the #2 seeded Alberta Pandas by a score of 4-2 in the bronze medal game during the four-day CIS Championship. The game was played March 7 to 10 at the University of Ottawa Sports Complex.

In their third appearance at a CIS Championship in the 11 year program’s history, the Bisons have now finished with bronze medals in 2008, 2007 and 2005.

UMSU and GSA elect new leaders

The Students United candidates came out on top of the Clean Slate team in this year’s University of Manitoba Students’ Union elections held March 5 to 7.

The winning team includes Jonny Sopotnik, president, Mitch Tripple, vice-president (advocacy), Leanne Rajotte, vice-president (internal), Rita Bruce Nanakeain, vice-president (external) and Sid Rashid, vice-president (student services).

The students United team pulled in between 65 and 74 per cent of the votes cast, compared the 21 to 30 per cent of the votes cast tallied by the Clean Slate team. The Regressive Conservative slate managed to draw about 10 per cent of the votes cast.

The UMSU community representatives will include Larry Draper, LBGTT students’ representative, Daniel Draper, LBGTT students’ representative. Voter turn out for the election was just under 10 per cent of eligible voters.

The University of Manitoba’s Graduate Student Association held its vote in February. The 2008-09 team includes Aaron Glenn, president, Xuping Sun, vice-president (internal), Rita Bruce-Nanakeain, vice-president (external),  Mitch Tripple, vice-president (advocacy), Leanne Rajotte, vice-president (student services).
The fate of polar bears

Ian Stirling, research scientist emeritus with the Canadian Wildlife Service and an adjunct professor in the department of biological sciences, University of Alberta, will look at the effect of climate change through the eyes of a polar bear when he delivers the W.L. Morton Distinguished Lecture 7:30 p.m., Thursday, April 3 in 240 University College.

The title of Stirling’s lecture is “Polar Bears, seals, and climate warming in Hudson Bay and the High Arctic.” Stirling has done research on polar bears and polar seals (Arctic and Antarctic) for 40 years, particularly in the areas of ecology, behaviour, evolution, and relationships between polar bears and seals.

Long-term climate warming in western Hudson Bay is causing the sea ice to break up earlier, with negative effects for polar bears. The population of polar bears in western Hudson Bay (NE Manitoba) has declined from about 1200 in 1987 to about 935 in 2004. However, it would be an over simplification to say that climate change means that polar bear populations will continue to decline at a steady rate every year. In fact, Stirling argues, in the High Arctic, areas of multiple pack ice and low sea-ice productivity in the short term, become more productive habitat for polar bears and seals. However, if long-term projections of the disappearance of ice in the polar basin are correct, this improvement will be temporary.

EDMUND G. BERRY LECTURE
Raffaella Cribiore, Columbia University, will deliver the 2008 Edmund G. Berry Lecture entitled “Education In Greek And Roman Antiquity: The University As The Literacy Sources” at 5 p.m., Sunday, March 30 in 253 University College.

This lecture will explore education (primary, grammatical and rhetorical) in the period 3rd BC - 7th AD. It will be based on the Greek school exercises and texts found in Greco-Roman Egypt and on the information provided by the literary sources.

MONDAY, MARCH 24

Animal Science PhD Oral Examination, Dietary Means For Enhanced Gastrointestinal Health And Function In Weaned Pigs: An Evaluation Of Carbohydrase Enzymes Targeting Non-Starch Polysaccharides by Elijah Kiarie, animal science, 134 Agriculture Building, 10 a.m., Monday, March 24.


WEDNESDAY, MARCH 26

Medicinal Maladies, Infectious Diseases PhD oral defense, Functional Characterization of the Nipah Virus Nucleocapsid protein and its implications on Nipah Virus Replication by Charlene Ranadheera, Theatre B, Basic Medical Sciences Building, 10 a.m., Wednesday, March 26.

Soil Science, Bioavailability of Zinc in Food Chain by Xiaopeng Gao, post-doc, 1200 in 1987 to about 935 in 2004. However, it would be an over simplification to say that climate change means that polar bear populations will continue to decline at a steady rate every year. In fact, Stirling argues, in the High Arctic, areas of multiple pack ice and low sea-ice productivity in the short term, become more productive habitat for polar bears and seals. However, if long-term projections of the disappearance of ice in the polar basin are correct, this improvement will be temporary.

THURSDAY, MARCH 27

Statistics Seminar, Estimating Boundary Crossing Probabilities for Diffusion Processes by Adaptive Control Variables by Klaus Petersenberger, University of Economics and Business Administration Vienna, 516 Macchay Hall, 2:45 p.m., Thursday, March 27.

Institute for the Humanities, What’s The Point of the Humanities? by Sir David Churchill, history, candidate for the position of director of the Institute for the Humanities, 409 Tier Building, 3 p.m., Thursday, March 27.

Plant Science, A Study of Effectiveness of Resistance Genes Against Blackleg and Sclerotinia Transferred from Pea (Pisum sativum) to Canola (Brassica napus) by Omar Bayughey, PhD student, plant science, Carolyn Sifton Lecture Theatre Agriculture Building, 3:30 p.m., Thursday, March 27.

Arts, The Fate of The World Economy, a town hall meeting with Giovanni Arrighi, professor of sociology, John Hopkins University, and Robert Brenner, professor of history, director, Center for Social Theory and Comparative History, University of California at Los Angeles, Gateway Room, Hotel Fort Garry, 7:30 p.m., Thursday, March 27.

FRIDAY, MARCH 28


Asper School of Business, Multi-Facet and Multi-Level Construct of Experience Adjustment by Xiaoyun Wang, PhD, McGill University and Sue Bunrung, PhD, University of Alabama, 537 Drake Building, 1 p.m., Friday, March 28.

Aboriginal Focus Programs, Traditional Knowledge and Aboriginal Governance: “Walking the Path of the Peacemaker” by Brian Rice, department of education, University of Winnipeg, Classroom C: Aboriginal Education Centre, 11 The Promenade, 1 p.m., Friday, March 28.

Fort Garry Campus


Chemistry, Crystal Engineering Meets Organic Conductors: Making New Materials For Diffusion Processes by Adaptive Control Variables by Klaus Petersenberger, University of Economics and Business Administration Vienna, 516 Macchay Hall, 2:45 p.m., Thursday, March 27.

Biological Sciences, The dynamic nature of fungal mitochondrial genomes by George Hauserman, department of microbiology, 2201 Duff Roblin Building (Stewart-Hay Museum), 3 p.m., Friday, March 28.

Physics and Astronomy, Title TBA (Subatomic Physics) by Michael Geracie, 330 Allen Building, 3:30 p.m., Friday, March 28.

SUNDAY, MARCH 30

The 2008 Edmund G. Berry Lecture, Education In Greek And Roman Antiquity: The University As The Literacy Sources by Raffaella Cribiore, Columbia University, 237 University College, 5 p.m., Sunday, March 30.

TUESDAY, APRIL 1

Nursing, Translating Evidence into Practice: Addressing the Challenges by Alba DiCenso, professor, Nursing, McMaster University, CHSRF/CIHR Chair in Advanced Practice Nursing, director, Ontario Training Centre in Health Services & Policy Research, Inn at The Forks, The Ballroom, 75 Forks Market Road, 6 p.m., Wednesday, April 2. All are welcome to attend, RSVP 474-9080.

THURSDAY, APRIL 3

Plant Science, Applications of Endoparasitic Nematode and Symbiotic Bacteria in Biological Control by Zheng Liu, research associate, plant science, Carolyn Sifton Lecture Theatre Agriculture Building, 3:30 p.m., Thursday, April 3.

W.L. Morton Distinguished Lecture, Polar Bears, Seals, and Climate Warming in Hudson Bay and the High Arctic by Ian Stirling, research scientist emeritus with the Canadian Wildlife Service and an adjunct professor in the department of biological sciences, University of Alberta, 204 University College, 7:30 p.m., Thursday, April 3.

FRIDAY, APRIL 4

Chemistry, Title TBA by Kathleen M. Gough, department of chemistry, 539 Parker Building, 2:30 p.m., Friday, April 4.

Physics and Astronomy, Atmospheric dynamics (Environmental Science) by Jennifer V Lukovich, 330 Allen Building, 3:30 p.m., Friday, April 4.

SUNDAY, APRIL 6

Classics, Pigs, Rats, And People: Puzzles Of A Pacific Paradise by Thomas J. Riley, North Dakota State University, 237 University College, 3 p.m., Sunday, April 6.
Use food to pay your fine

The University of Manitoba Librar-
ies and the University of Manitoba Stu-
dents’ Union are having another Food
for Fines Event. It is scheduled for
March 24 to 30.

People who have a library fine will
have the opportunity to reduce their
fines by bringing in non-perishable food
items.

For each non-perishable food con-
tribution, the Libraries will reduce the
library fine by $2 (to a maximum of
$20).

All collected food is being donated
to the University of Manitoba Student
Food Bank. Donations will be accepted
at any UM Libraries’ circulation desk.

The Library has raised over $1,200
for the U of M’s Student Food Bank
through the last three Food for Fines
Events and the goal for this spring’s
event is to raise $750.

Bannatyne Campus
-St. Boniface General Hospital and Research Centre

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

THURSDAY, MARCH 20
Immunology: Annual Graduate
Student Research Presentations
The effects of mouse IL-12-IL-23 p40
based vaccines in the downregulation
of murine colitis by Qingdong Guan and
Characterization of the immune response
to a recombinant Vescicular Stomatitis
Virus-based vaccine against Lassa fever
by Gaelle Camus. Immunology Library
604/605 Basic Medical Sciences Building,
12 p.m., Thursday, March 20.

Centre on Ageing, Eating Attitudes,
Stress and Bone Mineral Density in Post-
menopausal Women by Candice
Riffelner, department of human
nutritional sciences, Faculty of Human
Ecology, 405 Brodie Centre, 12 p.m.,
Thursday, March 20.

MONDAY, MARCH 24
Medical Microbiology, Graduate
Student Research Seminar Series,
Characterization of cefoxitin resistant
Escherichia coli from water sources in
Countryside Laurier Manitoba and Molecu-
lar Characterization of Escherichia
coli Resistant to Trimethoprim-
Sulfamethoxazole, OrthoMcNeil.
Resistant strains from Urinary Tract Infections in Northern
Saskatchewan Communities by Nadia
Provido, 540 Basic Medical Sciences
Building, 10:15 a.m., Monday, March 24.

TUESDAY, MARCH 25
Internal Medicine Grand Rounds,
The New Era of Heart Failure Management:
Drugs, Devices and Donor Hearts by
Shelley Zirocho, assistant professor,
director, heart failure and transplan-
table clinics, section of cardiology, St.
Boniface General Hospital. Theatre A-
Basic Medical Sciences Building, 9 a.m.,
Monday, March 31.

Medical Microbiology, Graduate
Student Research Seminar Series,
Multi-Drug Resistant Extended-Spectrum
Beta-Lactamase Producing Escherichia
coli in Canadian Hospitals: Results
from CAN-WARD 2007 by Trish
Baudry and Synthesis of chimeric Igm
immunoglobulin to protect against
mouse measles nucleoprotein for use as a positive
control in measles diagnostic test and
proteome panels by Chris Hoban, 540
Basic Medical Sciences Building, 10:15
a.m., Monday, March 31.

TUESDAY, APRIL 1
Dr. John P. Maclean Memorial Lecture,
Diabetes in Aboriginal Communities:
A Global Perspective by Bernard Zinman,
director, leadership Saini Centre for
Diabetes, professor of medicine, Univer-
sity of Toronto, Theatre A-
Basic Medical Sciences Building, linked
to NG002 at St. Boniface Hospital, 8 a.m.,
Tuesday, March 25.

Infectious Diseases & Medical
Microbiology, Capsid proteins: Are they more than just construction material
for new virions? by Thomas Hobman,
they more than just construction material

IMMUNOLOGY: ANNUAL GRADUATE STUDENT RESEARCH PRESENTATIONS

The effects of mouse IL-12-IL-23 p40
based vaccines in the downregulation
of murine colitis by Qingdong Guan and
Characterization of the immune response
to a recombinant Vescicular Stomatitis
Virus-based vaccine against Lassa fever
by Gaelle Camus. Immunology Library
604/605 Basic Medical Sciences Building,
12 p.m., Thursday, March 27.

Pediatric Research Rounds, Topic TBA
by Mehdi Eshraghi, 500 John Buhler
Research Centre, 12 p.m., Thursday,
March 27.

This Lunch Hour has 33 Minutes,
Brain research: Why cutting-edge
Programs and High Level Technology
Need a Team Approach by Benedict
Albers, assistant professor, director of
pharmacology and therapeutics, 405
John Buhler Research Centre, 12
p.m., Thursday, March 27.

MAYDAY, MARCH 31
Infectious Diseases and Medical
Microbiology, Win-Map: A feasibility
study of mapping of HIV-related risk
activities in Winnipeg by Lawrence
Elliot, 540 Basic Medical Sciences
Building, 9 a.m., Monday, March 31.

MARCH 24
Medical Microbiology, Graduate
Student Research Seminar Series,
Multi-Drug Resistant Extended-Spectrum
Beta-Lactamase Producing Escherichia
coli in Canadian Hospitals: Results
from CAN-WARD 2007 by Trish
Baudry and Synthesis of chimeric IgM
immunoglobulin to protect against
mouse measles nucleoprotein for use as a positive
control in measles diagnostic test and
proteome panels by Chris Hoban, 540
Basic Medical Sciences Building, 10:15
a.m., Monday, March 31.

ARCH 2 Gallery is grateful for the support of the Faculty of Architecture
Endowment Fund. For more information contact: Kristina Nordstrom, 474
6995 or Neil Minuk, 294 0585.

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

WORLD FAMOUS UNIVERSITIES: UNIVERSITY OF MANITOBA
11:30 a.m., Wednesday, March 26
Film Flats, 3rd floor, 2nd floor in University Centre
A foreign documentary profiling the University of Manitoba. This production
is produced by China Central Television. Admission is free. General seating.

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

EUREKA! MUSICA!
7 - 9 p.m., Wednesday, April 9
Smartpark Research & Technology Park, in collaboration with the Faculty of Music,
is pleased to present Eureka! Musica!, an eclectic concert (jazz, opera
and chamber music) showcasing the innovative talents of the University’s
Faculty of Music students in the Lobby of Smartpark at the University of
Manitoba, 135 Innovation Drive. Free event- seating is limited. Visit www.
smartpark.ca and click on event registration to reserve a seat.

Music events
• Graduate Jazz Voice Recital - Helen White - Manitoba Conservatory of Music & Arts, 7 p.m., Mar. 20.
• Final Graduate Voice Recital - Dawn Bruch - Canadian Mennonite University Auditorium North Campus, 8 p.m., Mar. 20.
• Third Year Voice Recital - Carrie Hall, 8 p.m., Mar. 22.
• Graduate Jazz Voice Recital - Helen White - Manitoba Conservatory of Music & Arts, 7 p.m., Mar. 20.
• Final Graduate Voice Recital - Dawn Bruch - Canadian Mennonite University Auditorium North Campus, 8 p.m., Mar. 20.
• Third Year Voice Recital - Carrie Hall, 8 p.m., Mar. 22.
• Graduate Jazz Voice Recital - Helen White - Manitoba Conservatory of Music & Arts, 7 p.m., Mar. 20.
• Graduate Jazz Voice Recital - Dawn Bruch - Canadian Mennonite University Auditorium North Campus, 8 p.m., Mar. 20.

• Music at Mid-Day - Danny Persak & Carol Pollard; Bennet Charter, Jonathon Bauch & Viktoria Schafer; Kristen Nikkel & Viktoria Schafer; Rachel Stephens & Rachel Hinton; Mary Ellen Packer, Keegan Dill, Alena Arnason, & Andrea Hill, 12:30 p.m., Mar. 20.
• Third Year Jazz Bass Recital - Jonathon Friesen, 8 p.m., Mar. 26.
• Orchestra, Northern Lights - Great Hall University College, 7:30 p.m., Mar. 20.
• School Concert - presented by UM Wind Ensemble for school bands, $2 per student, Great Hall, University College, 1:30 p.m., Mar 25. Contact Fraser Linklater at fraser_linklater@umanitoba.ca to reserve seating.
• Music at Mid-Day - Stacy Persak & Carol Pollard; Bennet Charter, Jonathon Bauch, & Zoreh Gervois, 12:30 p.m., Mar. 20.

• Music at Mid-Day - Joint 3rd Year Jazz Bass & Voice Recital - Quintin Butt & Amber Epp - Manitoba Conservatory of Music & Arts, 12:30 p.m., Mar. 20.
• Music at Mid-Day - Advanced Diction Class, 12:30 p.m., Mar. 20.
• Graduate Composition Recital - Borisa Sabljic, 8 p.m., Mar. 20.
• Percussion Ensemble Concert - Jayvon Gilliam, Director, Great Hall, University College, 8 p.m., Mar. 20.
• Musical Theatre Ensemble (NEW DATE) - Tickets will be sold, watch umanitoba.ca/faculties/music for details, 7:30 p.m., Mar. 30, 31.
• Music at Mid-Day - Cassandra Chugh & Rachel Hinton; Heitia Arman, Katie Nickford & Aaron Wolochatiuk; Carrie Schick, Steve Melnyk, Jonathon Bauch, & Zoreh Gervois, 12:30 p.m., Mar. 31.
• Graduate Vocal Recital - Wendie Rondeau, 8 p.m., April 8.

• Musical Theatre Ensemble (NEW DATE) - Tickets will be sold, watch umanitoba.ca/faculties/music for details, 7:30 p.m., Mar. 30, 31.
• Music at Mid-Day - Cassandra Chugh & Rachel Hinton; Heitia Arman, Katie Nickford & Aaron Wolochatiuk; Carrie Schick, Steve Melnyk, Jonathon Bauch, & Zoreh Gervois, 12:30 p.m., Mar. 31.
• Graduate Vocal Recital - Wendie Rondeau, 8 p.m., April 8.
• Music at Mid-Day - Third Year Violin Recital - Albert Bergen, 8 p.m., April 9.
• Third Year Voice Recital - Laurrelle Froese, 3 p.m., April 6.
• Faculty Recital - Edmund Dawe, piano and Marcia Swanston, mezzo-soprano, 8 p.m., April 6.
Be a part of Medicine with Meaning
Keep your home in the University

The University of Manitoba, Faculty of Medicine, Province of Manitoba and Winnipeg Regional Health Authority have developed a unique partnership to actively support health education, research and the provision of the highest standard of quality patient care. Focused on providing medicine with meaning, advancing knowledge and technology, and educating tomorrow’s health care professionals, it is our collaborative strengths that will lead us into the future.

We are actively seeking outstanding Academic Physicians clinician/scholars who are interested in being part of this cutting-edge approach to providing superior healthcare, education and research in the following specialty areas:

- Internal Medicine
- Family Medicine
- Anesthesia
- Surgery
- Psychiatry
- Obstetrics & Gynecology
- Pediatrics
- Emergency Medicine
- Clinical Health Psychology
- Community Health Sciences

Physicians will have a significant amount of their time protected to pursue research, contributing to the appropriate Division’s research activities. You will also contribute clinically and academically, in advancing the missions of the Faculty of Medicine, the Winnipeg Regional Health Authority and affiliated teaching hospitals.

Candidates must have Senior Specialty qualifications in the country of current practice and must be eligible for registration with the College of Physicians and Surgeons of Manitoba. Certification by the Royal College of Physicians and Surgeons of Canada or College of Family Physicians of Canada is preferred. Salary and rank will be commensurate with experience and qualifications. The University of Manitoba offers an attractive staff benefit program.

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

FACULTY OF MEDICINE
Department of Pediatrics and Child Health
Salaries: Commensurate with qualifications and experience
Application deadline: Sept. 1
Position number: AGS 927
For information: C. Rockman-Greenberg, professor & head, department of pediatrics & child health, Children’s Hospital, CE208 – 840 Sherbrook St., Winnipeg, MB, R3E 1S1, phone 787 2441, fax 787 4807, e-mail: CGreenberg@exchange.hsc.mb.ca

MANITOBA INSTITUTE OF CELL BIOLOGY
Position: Full-time contingent position
Salary: Commensurate with experience and qualifications
Application deadline: May 1
Position number: 07581
For information: Dr. Jim Davie, director, Manitoba Institute of Cell Biology, 5008-675 McDermot Ave., Winnipeg, MB, R3E 0W9, phone 787 2591, fax 787 787-2190, e-mail: davije@cc.umanitoba.ca

LEARNING ASSISTANCE CENTRE/UNIVERSITY I
Position: Instructor 1
Salary: Commensurate with experience and qualifications
Application deadline: April 10
Position number: 04574
For information: Miriam Urnahl, Coordinator, Learning Assistance Centre, 1, 205 Tier Building, Winnipeg, MB, R3T 2N2, e-mail: miriam_urnahl@umanitoba.ca
Manitoba Institute of Cell Biology
Position: Instructor II: the successful candidate will be required to hold a master’s degree in either in education, educational psychology or specialization in English/rhetoric may be considered
Salary: Commensurate with experience and qualifications
Start date: July 1
Application deadline: April 30
Position number: 07095
For information: Dr. Christine Blais, director, University 1, 205 Tier Building, University of Manitoba, Winnipeg, MB, R3T 2N2, phone 474 6257, 474 7569, e-mail: blankc@cc.umanitoba.ca

CLASSIFIED ADS

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

VISITING TORONTO? Stay with us at Ashleigh Heritage Home, a downtown B&B near T. www.ashleighheritage.com

ST. MARY ANGLICAN CHURCH in Charleswood will be holding a Giant Garage / Rummage Sale on Friday, April 11, 2008 from 5 p.m. to 8 p.m. and Saturday, April 12, 2008 from 9 a.m. to 5 p.m. in the Parish Hall at 5800 Robin Boulevard at Haney (just over the Charleswood Bridge). There will be white elephant tables, book tables, a fish pond for kids, as well as household items, clothing and other items for sale.

Care for a massage?
1 of U of M Athletic ‘Therapy Students’ Association Massage-a-thon, Graduate Students’ Association Lounge - 2nd Floor, University Centre, 8:30 a.m. to 4:30 p.m., Monday, March 24 through Thursday, March 27. Cost $5 for 15 minutes.

Academic Job Opportunities

FACULTY OF EDUCATION
Department head
Salary: Commensurate with qualifications and experience
Application deadline: April 21
Position number: BK 640
For information: Dr. Jon Young, acting dean, Faculty of Education. University of Manitoba, Winnipeg, MB, R3T 2N2, phone 474 9170, fax 474 7551, e-mail: cooeker@ms.umanitoba.ca

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ONE UNIVERSITY. MANY FUTURES. University of Manitoba, Winnipeg, Manitoba R3T 2N2

The University of Manitoba, Faculty of Medicine, University of Manitoba, Room A108 Chown Building, Bannatyne Campus 260 - 727 McDermot Ave., 204-789-3375 Pathology Fax: 204-789-3942 e-mail: reshscc@ms.umanitoba.ca

Math Residents
The Math resident search will lead us into the future.

FACULTY OF THEOLOGY
Assistant Professor in the area of pastoral theology
Position: Assistant professor
Salary: Commensurate with experience and qualifications
Start date: July 1
Application deadline: April 30
Position number: 04574

FACULTY OF ARTS
Coordinator, Learning Assistance Centre / Educational Administration
Salary: Commensurate with experience and qualifications
Application deadline: April 10
Position number: 07095
For information: Dr. Christine Blais, director, University 1, 205 Tier Building, University of Manitoba, Winnipeg, MB, R3T 2N2, phone 474 6257, 474 7569, e-mail: blankc@cc.umanitoba.ca

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Enriching the user’s interactive experience

BY SEAN MOORE
Research Promotion

The computer mouse has had a good run, but computer scientist Pourang Irani thinks it’s time it scurried aside and let a dinner plate relieve it of some tasks.

“The conventional mouse and touch pad are no longer sufficient, they are just not good enough,” Irani said. “As new devices and new technologies come into play you have to consider what different interactive paradigms you can use.”

Irani’s lab is looking at how to design next generation computer interfaces that will no longer be chiefly utilitarian; they will also enrich the user’s experience. He collaborates with Philips Research and Microsoft Research.

To develop them he relies on theoretical work on perception, cognition and motor-behavior. Before new techniques can be introduced, fundamental questions about human limitations need to be answered so that interfaces operate in ways that are intuitive and mesh with natural cognitive abilities.

“In our lab we start with an understanding of how humans operate and then we build techniques that make digital interactions as natural as possible.”

New ways to share and experience information result.

In his lab, a table suitable for a family of four sits under a ceiling-mounted projector. A map is displayed and Irani moves it around using, for now, his mouse. But his lab is developing small infrared cameras that will line the table’s edges and detect the commands of hovering fingers.

“You may want to show photos from your trip that you captured with your cell phone. So you may be able to ‘chuck’ them off your cell phone” – off the screen like they were cards and you were a blackjack dealer – “onto the table display and then rotate them with a dinner plate or cup so you can share stories with everyone around the table,” Irani said.

In addition to digital tables, Irani is trying to understand how he can get the roughly 1.8 billion people who use mobile phones or personal digital assistants (PDAs) to operate them to their full extent. Large documents like maps or text files pose a particular challenge.

How do you visualize easily-understood information about a destination’s location – including its proximity – on small PDA screens using minimal cues?

Changing our view of water is crucial

BY SEAN MOORE
Research Promotion

If you row row row your boat gently down the stream, note that things are not as merry as they seem.

Most of Manitoba’s wetlands, which are the aquatic equivalents of kidneys, have been flooded or drained. Good things never come from loosing vital organs.

A wetland at its most basic level is an area covered with water that supports aquatic plants. A marsh is a wetland and Manitoba is home to one of the largest in North America: the 50,000-acre Netley-Libau Marsh at the end of the Red River. But it’s dead.

In 1913 politicians decided to dredge a bigger opening into it and the Red River has since exploited that. The flooded kidney cannot function, which is a plausible impetus behind Lake Winnipeg’s algal sickness.

“Water problems we face stem from the fact that people view small bodies of water as a liability – a place to put waste. They don’t see it as an asset,” Irani said.

Water consumption that gets me. We just don’t get that we will eventually have to conserve water. I’m probably going to be living when serious problems arise, so when people say ‘think of your grandkids’, well hell, I’m not thinking of my grandkids. I want clean water to drink when I’m an 80-year-old.”

Returning to the topic of Netley-Libau Marsh, this autumn Goldsborough will begin examining to see if it can be resurrected. He has no idea if it’s possible because ecologists have never tried to revive something so far gone.

“If the Netley-Libau Marsh were restored it could reduce nutrient loading going into Lake Winnipeg by 30 per cent. That may sound puny, but that equals the size of Winnipeg’s nutrient discharge. Deprived of this natural system, however, the city now needs to invest in expensive equipment to do the job of plants.

“The water problems we face stem from the fact that people view small bodies of water as a liability – a place for mosquitoes to breed or otherwise good farmland drowning. This view has to stop. We need to start seeing water and wetlands as an asset. In short, we need to change our attitude towards water.”

To learn more, attend “But Nary a Drop to Drink: Manitoba’s Wetlands and Water in the 21st Century” at the next Get to Know Research at Your University speaker series on Mar. 26. It starts at 7 p.m. in the Smartpark boardroom, located at 155 Innovation Drive. Admission is free and all are welcome. For more information please call 474-9020.
Engaging the world

The Global Colours Photography Contest asked students to submit a photograph that portrays a cross cultural experience they have had and a lesson they learned from that experience. The goal of the World Wise Resources Centre sponsored contest was to help students put into words and images their encounters with the world. Here’s a look at what the top three winners saw when they traveled outside Canada.

FIRST PLACE
Title: Varying Shades of Gray
Photographer: Dylan Hoenssen

This picture was taken at Banteay Srey; a set of ruins from the Khmer Empire near Angkor Wat in Cambodia. Cambodia was one of my first experiences with such deep levels of poverty. At the time I was studying in Singapore, and in one particular class we were discussing the role that children hold in some developing countries. Despite an almost unanimous opinion that children should be able to go to school and should not have to work, it is hard to see people living in such poor conditions and think that it is not okay for any member of the family to raise some much needed income.

This girl and her sister would spend their days at these ruins and offer a picture in exchange for a single US dollar. The whole situation brings up issues of legitimate work, exploitation, begging and the real life effects of a weak education system but provides no clear answers. I learned that for me it is more important to be informed but unsure than make an opinion based solely on ideals vs. real world conditions.

SECOND PLACE
Photographer: Matthew Derksen

I spent three months in Uganda during the summer of 2007 working on a project aiming to alleviate rural poverty through community-based tourism. I participated in this project for two reasons: it was a chance to help people that were less fortunate than me and to benefit from the experience. While I am hopeful that my time in Uganda will help the project accomplish its goals, I am certain that it was an invaluable experience that will stay with me forever.

This photograph captures some of the intangibles that have left an indelible mark on the memory of my experiences in Uganda: solitude, simplicity and patience. In Canada, we are surrounded by luxury; however it has come at a cost. The pace of our consumer culture is fast and it is easy to get caught up working for the future and ignore the present. Although we may be aware that this type of lifestyle may be physically and spiritually damaging, it is difficult to remove oneself from it. My time in Uganda offered me the chance, if only briefly, to be immersed in a culture that has not yet wrapped itself up in the endless pursuit of material things; one that is still connected to the land. This was the most valuable aspect of my time in Uganda.

THIRD PLACE
Title: Preservation Hall
Photographer: Jocelyn Tanner

Preservation Hall in the French Quarter is a quaint little hall well known for its New Orleans style jazz performances. People cram into the building to witness jazz at its best. Through all that the city of New Orleans has endured, the spirit and culture of the people has certainly not been lost. The music was played with great passion and pride and the experience of sitting on the floor wedged between people all engaged in the band’s performance was uplifting and inspiring.