It was Take Our Kids to Work Day on Nov. 7 and in between touring the University of Manitoba and learning what their friends and family do on the job, these kids got a lesson in how to wash up properly at the Faculty of Nursing. For another look at Take Our Kids to Work Day see the pictures on Page 12.

Submerge to save lives

BY STEPHANIE FEHR For The Bulletin

In North America, between 350 and 400 people drown per year in submerged vehicles. To shed some light on escaping a sinking vehicle, Gordon Giesbrecht of the Faculty of Kinesiology and Recreation Management and master’s student Gerren McDonald are conducting research with volunteers who have agreed to put themselves underwater, either in a laboratory simulator or in an actual car in open water.

Their Operation ALIVE (Automobile Submersion: Lessons In Vehicle Escape) is part of the research occurring at the Health, Leisure and Human Performance Research Institute within the Faculty of Kinesiology and Recreation Management. It will provide practical knowledge on escaping a sinking vehicle.

“Up to 10 percent of all drownings occur in vehicles, thus vehicle submersiones have the highest mortality rate of any type of single vehicle accidents,” says Giesbrecht, who takes his work so seriously he himself has been submerged in a vehicle in open water. “There is a poor understanding by the public of vehicle sinking characteristics and proper techniques for getting out.”

The most important thing to remember is that a typical intact car will float between 30 seconds and two minutes before it is completely submerged. During this period you need to remain calm, roll down the window and exit the vehicle immediately. Giesbrecht says many people believe you have to wait until the car fills with water, equalizing the pressure on the car door, and then exit through the door.

While theoretically this would work, Giesbrecht says most people would drown before they could escape. He notes that the air bubble at the back of the car that provides a last gasp of oxygen disappears very quickly.

Giesbrecht and McDonald are in the process of writing up the results of this research, which will then be made public so more people will know how to escape if they ever find themselves in this terrifying situation.

See POOL/P. 2.
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 dose bowl U of M faculty and staff impact the world around them.

Prof parleys on Harry Potter
Nov. 1, 2007
The Ottawa Citizen

Dave Jenkinson, senior scholar in the Faculty of Education was interviewed by The Ottawa Citizen on how some popular children’s books have enticed boys to read more. Jenkinson spoke in detail about the Harry Potter and Goosebumps series. The story reported that Jenkinson is past president of the Canadian Children’s Book Centre.

Study on septic shock
Nov. 5, 2007
DosGuide.com

DosGuide.com did a story on a presentation given at the Critical Care Canada Forum by Faisal Siddiqi and research team. Siddiqi, a fellow in critical care medicine at the University of Manitoba, presented findings on the high mortality rate associated with septic shock in patients with Candida infections at the forum. The study found that physicians often do not immediately think of fungal causes of Candida-associated septic shock and instead treat for bacterial causes, which can cause life-threatening delays in treatment. The median duration of time before appropriate antimicrobial therapy was initiated was 35.2 hours for those with candidiasis shock, versus 5.5 hours for those with bacterial shock, the story stated.

Math can fight HIV
Nov. 6, 2007
The Winnipeg Free Press, The Winnipeg Sun

Mathematics professor Abba Gumel made headlines in Manitoba’s two largest newspapers recently when he decided to go to Uganda to help stop the spread of HIV and other diseases. Prof. Gumel is part of a national research group that sees mathematical models to study populations, calculate probabilities and develop strategies to stop the spread of diseases. The group is called Mathematics of Information Technology and Complex Systems or MITACS.

A portrait of success
Nov. 8, 2007
DurhamRegion.com

Another University of Manitoba Fine Arts graduate has had a large show at a gallery. Mark Nisenholtz, who graduated in 1974 with a BFA (Hons) was featured in a story in the DurhamRegion.com news for his show at the Robert McLaughlin Gal- lery in Oshawa. Stranger in Paradise is a collection of over 85 pieces of work Nisenholtz’s created from computer print techniques. The story also reported that Nisenholtz’s teaching career has taken him from the Pratt Institute, to the Winnipeg Art Gallery, to Mount Allison University and now Lakehead University.

From Page 1.
They are also about to distribute a DVD highlighting another aspect of their research dealing with heavy equipment operators who build winter ice roads. Entitled the “Cold Hard Facts about Winter Road Safety” this DVD is aimed at highlighting the best safety practices for ice road construction crews.

The next phase of Operation ALIVE research is underway as well, in which participants swim horizontally at the bottom of a pool wearing a floatation device. This study is aimed at replicating what could happen if heavy equipment falls through the ice and is swept along with the current. Giesbrecht wants to find out if wearing a floatation device makes it more difficult to swim horizontally to reach an escape hole.

Giesbrecht, also known as Professor Popsicle, has done research into human response to extreme environments, gaining recognition for his trek across Lake Winnipeg in January 2004. That same year, he was a guest on the David Letterman show, where he demonstrated how long a person can withstand being submerged in ice water. In 2000, he received the University of Manitoba Outreach Award.

Math can fight HIV

On the University of Manitoba campus, a DVD is being distributed highlighting the best safety practices for ice road construction crews. The DVD is entitled “Cold Hard Facts about Winter Road Safety” and is aimed at educating heavy equipment operators who build winter ice roads. This research was conducted by the Operation ALIVE project, which studies the effects of cold and harsh environments on human performance.

The project’s lead researcher, Prof. David Giesbrecht, demonstrated how long a person can withstand being submerged in ice water. His study also included research into the effects of wearing a floatation device while swimming horizontally, which is a common survival technique used by ice road workers.

The DVD features interviews with researchers, real-life stories from ice road workers, and demonstrations of survival techniques. It also includes tips on how to build and maintain ice roads safely.

This project has received international recognition, and the DVD has been distributed to various organizations and governments around the world. The University of Manitoba is proud to be a part of research that helps keep workers safe during the winter months.
Soup Up Your Smile brings oral health lesson to downtown core

By Dale Barbour

The Faculty of Architecture's Product Catalogue Collection has just received an extreme make-over that will give students more options for their projects and an environment designed to inspire.

"The Product Catalogue Collection is a resource library for students in the Faculty of Architecture, but it's also used by other faculties," PCC manager Laney Stewart said. "It's the go to place for students working on projects to get the material they need."

The collection, housed in a series of rooms in Architecture II Building, includes over 10,000 architectural product technical data binders, magazines and CD's and from manufacturers in the design industry.

There are also samples of material so that students can get a tactile feel for what they will be working with and a full room – cryptically known as 'The Cage' – filled with discontinued material and odds and ends left over from other projects.

The PCC room has just wrapped up a $48,000 makeover, all thanks to donations from manufacturers.

Stewart has also seen a complete redesign of the area, putting her own skills in interior design as a graduate from other projects.

"The idea was to create a living sample room," Stewart said.

"Students from the Faculty of Architecture stop in to get inspiration – and order supplies – from the catalogues and fine arts students can drop through to Stewart said. "Carol Yakiwchuk of the School of Dental Hygiene called soup up Your Smile a win-win situation for everyone."

"It's a chance to take learning out of the classroom, right into the community, and provides practical oral health information to people where they're more comfortable hearing about it," she said.

Siloam Mission served over 500 of Winnipeg's disadvantaged community members on Tuesday, with many participating in the annual outreach event.

"Visitors used a passport to navigate their way through seven student-designed oral health displays created specifically for the community."

"Teeth or no teeth, all participants received an oral health kit, made up of supplies donated by Sunstar But"
MEET MEGAN ANDRES

Megan Andres began university to become a physical therapist; has studied cultural anthropology, is pursuing her bachelor’s degree and considers herself a member of visible minorities, Aboriginal peoples, and persons with disabilities. All qualified candidates are encouraged to apply. Canadians and permanent residents will be given priority. Please include the position number when applying for openings at the university.

FACULTY OF ARTS

Department of Classics
Position: Post-doctoral Fellowship in Roman Archaeology, 2008-2009
Start date: July 1, 2008
Salary: $40,000 Canadian, with a research allowance of $2000
Application deadline: Feb. 22, 2008
For information: Dr. Lea Stirling, CRC Chair in Roman Archaeology (Tier 2), Department of classics, University of Manitoba, Winnipeg, MB, R3T 2N2, phone 474-7577, e-mail Lea_Stirling@umanitoba.ca.

Department of Linguistics
Position: Department head
Start date: Jan. 1, 2008
Application deadline: Noon, Dec. 13
Position number: AU511
For information: Dr. Linda Wilson, chair, linguistics head; search committee, the dean’s office, Faculty of Arts, University of Manitoba, 308 Fletcher Argue Building, University of Manitoba, Winnipeg, MB, R3T 2M8, phone 474-7577, e-mail Lea_Stirling@umanitoba.ca.

Department of Psychology
Position: Assistant professor, CPA and APA accredited clinical psychology training program
Start date: July 1, 2008
Salary: Commensurate with qualifications and experience, but this is an entry-level position
Application deadline: Jan. 7, 2008
Position number: 06691
For information: Dr. H. J. Keselman, head, department of psychology, University of Manitoba, 4040 Jubilee Roblin Building, 190 Dysart Road, Winnipeg, MB, R3T 2N2, phone 474-6578, fax 474-7599, or e-mail kesel@cc.umanitoba.ca.

Department of Psychology
Position: Two positions, assistant professor, developmental psychology
Start date: July 1, 2008
Application deadline: Jan. 7, 2008
Position number: 06690 and R7631
For information: Dr. H. J. Keselman, head, department of psychology, University of Manitoba, 4040 Jubilee Roblin Building, 190 Dysart Road, Winnipeg, MB, R3T 2N2, phone 474-6578, fax 474-7599, or e-mail kesel@cc.umanitoba.ca.

Department of Religion
Position: Assistant professor, Judaism
Start date: July 1, 2008
Salary: Commensurate with qualifications and experience
Application deadline: Jan. 15, 2008
Position number: 06913
For information: Dr. Brenta Cantelo, acting head, department of religion, 327 Fletcher Argue Building, University of Manitoba, Winnipeg, MB, R3T 5VS, phone 474-6276, fax 474-7601.

FACULTY OF ARCHITECTURE

Department of City Planning
Position: Department head
Start date: July 1, 2008
Application deadline: Nov. 29
Position number: BA246
For information: Dr. David R. Witry, chair, department of city planning headship search advisory committee, Faculty of Architecture, University of Manitoba, phone 474-6434, e-mail: dwitry@cc.umanitoba.ca, fax 474-7552.

FACULTY OF ARTS

Department of Political Science
Position: Assistant professor, CPA and APA accredited clinical psychology training program
Start date: July 1, 2008
Salary: Commensurate with qualifications and experience, but this is an entry-level position
Application deadline: Jan. 7, 2008
Position number: 06691
For information: Dr. H. J. Keselman, head, department of psychology, University of Manitoba, 4040 Jubilee Roblin Building, 190 Dysart Road, Winnipeg, MB, R3T 2N2, phone 474-6578, fax 474-7599, or e-mail kesel@cc.umanitoba.ca.

FACULTY OF BUSINESS

Department of Business Administration
Position: Assistant professor or lecturer
Salary: Commensurate with qualifications and experience
Application deadline: Jan. 18, 2008
Position number: 07231
For information: Dr. Phillip Gardiner, director, HLHP Research Institute and Canada Research Chair, Faculty of Kinesiology and Recreation Management, University of Manitoba, Winnipeg, MB, R3T 2N2, phone 474-8770, fax 261-4802, e-mail gardine2@cc.umanitoba.ca.

FACULTY OF BUSINESS

Department of Management
Position: Assistant professor or lecturer
Salary: Commensurate with qualifications and experience
Application deadline: Jan. 18, 2008
Position number: 06981
For information: Dr. Janet Harkness, head, department of management, School of Business Administration, Faculty of Management, University of Manitoba, Winnipeg, MB, R3T 2N2, phone 474-8770, fax 261-4802, e-mail gardine2@cc.umanitoba.ca.

FACULTY OF ENGINEERING

Department of Mechanical & Manufacturing Engineering
Position: Post-doctoral Fellowship in Mechanical Engineering
Start date: Jan. 1, 2008
Salary: Commensurate with qualifications and experience
Application deadline: Dec. 19
Position number: 07231
For information: Dr. Tim Bandfield, director, Faculty of Kinesiology and Recreation Management, University of Manitoba, Winnipeg, MB, R3T 2N2, phone 474-8770, fax 261-4802, e-mail gardine2@cc.umanitoba.ca.

FACULTY OF KINESIOLOGY AND RECREATION MANAGEMENT
Position: Assistant professor/lecturer
Salary: Commensurate with qualifications and experience
Application deadline: Jan. 18, 2008
Position number: 07231
For information: Dr. Phillip Gardiner, director, HLHP Research Institute and Canada Research Chair, Faculty of Kinesiology and Recreation Management, University of Manitoba, Winnipeg, MB, R3T 2N2, phone 474-8770, fax 261-4802, e-mail gardine2@cc.umanitoba.ca.

FACULTY OF LIBRARIES

Department of Classics
Position: Position number: 06691
Salary: Commensurate with qualifications and experience
Application deadline: Jan. 18, 2008
Position number: 06981
For information: Dr. Janet Harkness, head, department of management, School of Business Administration, Faculty of Management, University of Manitoba, Winnipeg, MB, R3T 2N2, phone 474-8770, fax 261-4802, e-mail gardine2@cc.umanitoba.ca.

FACULTY OF SCIENCES

Department of Biology
Position: Post-doctoral Fellowship in Molecular Biology
Salary: Commensurate with qualifications and experience
Application deadline: Jan. 18, 2008
Position number: 07231
For information: Dr. Robert Page, head, Department of Biology, University of Manitoba, Winnipeg, MB, R3T 2N2, phone 474-8770, fax 261-4802, e-mail gardine2@cc.umanitoba.ca.

FACULTY OF THEATRE

Department of Theatre
Position: Post-doctoral Fellowship in Theatre
Salary: Commensurate with qualifications and experience
Application deadline: Jan. 18, 2008
Position number: 07231
For information: Dr. Robert Page, head, Department of Biology, University of Manitoba, Winnipeg, MB, R3T 2N2, phone 474-8770, fax 261-4802, e-mail gardine2@cc.umanitoba.ca.

FACULTY OF THEATRE

Department of Theatre
Position: Post-doctoral Fellowship in Theatre
Salary: Commensurate with qualifications and experience
Application deadline: Jan. 18, 2008
Position number: 07231
For information: Dr. Robert Page, head, Department of Biology, University of Manitoba, Winnipeg, MB, R3T 2N2, phone 474-8770, fax 261-4802, e-mail gardine2@cc.umanitoba.ca.

FACULTY OF THEATRE

Department of Theatre
Position: Post-doctoral Fellowship in Theatre
Salary: Commensurate with qualifications and experience
Application deadline: Jan. 18, 2008
Position number: 07231
For information: Dr. Robert Page, head, Department of Biology, University of Manitoba, Winnipeg, MB, R3T 2N2, phone 474-8770, fax 261-4802, e-mail gardine2@cc.umanitoba.ca.
Marks of Achievement

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

Honours for MILE
Recognition awards for outstanding contributions to seniors and their communities were distributed on Oct. 26 to Manitobans and three community organizations by Healthy Living Minister Irvin-Ross, minister responsible for seniors, at the Manitoba Council on Aging Recognition Awards.

“These awards were designed to give much-deserved recognition to Manitobans including older adults and community organizations who have gone above and beyond to support seniors in their communities,” said Irvin-Ross.

The University of Manitoba’s Medication Line for the Elderly (MILE) received an honorable mention at the ceremony. MILE was nominated by the Winnipeg Regional Health Authority and supported by the River East Seniors Health Resource Team and Partners Seeking Solutions with Seniors.

Housed in the university’s pharmacy, it provides information to clients to allow informed decisions on access to timely, relevant and reliable medication. The line is open Monday through Friday from 8:30 a.m. to 4:30 p.m.

Mainframe party
The University of Manitoba’s mainframe computer is going out with a New Orleans style bang.

After 47 years of helping the university operate, the mainframe was retired this year to make way for a new slate of computer programs.

A funeral procession to say goodbye to the mainframe will leave the southwest corner of the Engineering and Information Technology Building at 2:30 p.m. on Wednesday, Nov. 21, and make its way into the Duckworth Quadrangle for a ceremony. After that the jazz instruments will come out and the party will head into Marshall McLuhan Hall in University Centre.

Appointments
Institute of Cardiovascular Sciences Director
The University of Manitoba and St. Boniface General Hospital announced the appointment of Pawan K. Singal as director of the Institute of Cardiovascular Sciences at St. Boniface General Hospital Research Centre. Singal assumes this role effective immediately.

Singal is a founding member of the Institute, which began as the Division of Cardiovascular Sciences in 1987. He is recognized as a world leader in the field of cell pathophysiology, where his pioneering studies have led the way in understanding the potential of various antioxidants in the prevention or treatment of damage associated with free radical induced oxidative stress.

Singal has published more than 250 papers and 25 books and has given over 200 talks all around the world. A community leader, Singal has been recognized more than 40 times with honors and awards by the local, national and international organizations/agencies, including a recent Heart and Stroke Foundation Big Heart Award for outstanding contributions as a Heart Research Builder in Manitoba.

Executive Director/Director of Alumni Affairs
Brian Bowman, president, board of directors, Alumni Association Inc., and Elaine Goldie, vice-president (external), University of Manitoba, are pleased to announce the appointment of Julie Mikuska as executive director/director of alumni affairs. Mikuska has been with the university since 1988, most recently as interim executive director/director of alumni affairs, and previously executive assistant to the vice-president (external) and manager of development communications and special events for the $237 million Building on Strengths campaign. She has received a University of Manitoba Outreach Award, and has won more than 30 juried awards for publications, programs, events and projects related to public affairs and communications.

Mikuska is responsible for the alumni relations portfolio for the university’s 125,000 living graduates which includes On Manitoba magazine, Homecoming and special events, class reunions, affinity groups, community outreach and is liaison for the association’s Board of Directors.

Angel Points
Brian Bowman, president, board of directors, Alumni Association Inc., and Elaine Goldie, vice-president (external), University of Manitoba, are pleased to announce the appointment of Julie Mikuska as executive director/director of alumni affairs. Mikuska has been with the university since 1988, most recently as interim executive director/director of alumni affairs, and previously executive assistant to the vice-president (external) and manager of development communications and special events for the $237 million Building on Strengths campaign. She has received a University of Manitoba Outreach Award, and has won more than 30 juried awards for publications, programs, events and projects related to public affairs and communications.

Mikuska is responsible for the alumni relations portfolio for the university’s 125,000 living graduates which includes On Manitoba magazine, Homecoming and special events, class reunions, affinity groups, community outreach and is liaison for the association’s Board of Directors.

Venture students raise cash for kids
Students of Robert Warren’s new venture analysis course raised approximately $32,500 and built two new projects focused on philanthropy.

Students raced 50 laps against each other on a local racetrack in support of the Curry BizCamp in Entrepreneurship. The fourth-year students developed business plans and found investors for the race, once again securing title sponsor Enterprise Rent-A-Car. About $30,000 of the funds and prizes will go to Curry BizCamp, an initiative of the Asper School of Business where you might not otherwise pursue careers in entrepreneurship learn business principles in camps.

After the race, students donated the remaining $2,500 raised and the more than 50 stuffed toys they made to the Yearling Foundation, a charitable arm of the Manitoba Moose Hockey Club.

Lest we forget
Corporal Paul Simms, a law student, lays a wreath at the University of Manitoba’s Remembrance Day ceremony on Nov. 9. Behind Simms are Officer Cadet Steve Devenney, a student in the Faculty of Arts and Rick Bennett, vice-president Manitoba and NW Ontario Command, Royal Canadian Legion, Fort Garry Branch No. 90.

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 U of T. www.ashleighheritage.com

computer financing COMPARISON

$3000 Computer Purchase Paid Over 36 Months*

THE U OF M BOOKSTORE: Interest Rate 7.25%
Monthly Payment $92.97
Total Paid $3346.92
Interest Paid $346.92

BEST BUY: Interest Rate 28.8%
Monthly Payment $125.40
Total Paid $4514.40
Interest Paid $1514.40

SAVINGS through the U of M BOOKSTORE

$1167.48

*Bookstore price based on Cambrian Prime + 1% (OAC) on Nov 1 2007. Best Buy price based on advances rate of 21%.

*Example uses a fixed prime rate of 7.25% for each of the 3 years. However, Cambrian Prime rate varies from year to year.

ph: 474-7000 fax: 474-7556 www.umanitoba.ca/bookstore

The Bulletin
Keeping an eye on university life

A Day in the Life of a photographer

BY DALE BARBOUR
The Bulletin

Bob Talbot probably has one of the most familiar faces on campus, even though you’ll rarely find him in front of a camera.

For just shy of 35 years he’s been a photographer for the University of Manitoba, providing a visual record of life at the university and snipping literally thousands of pictures of people.

“We’re here to cover anything and everything that has to do with still photography – that can range from research to special events to all the graduates at convocation,” Talbot said of the university’s imaging and photography unit. It means he’s had a chance to see just about everything that goes on at the university.

“When I first started we used to do a lot of work over in animal science,” Talbot said. “If the staff veterinarian was performing a surgery we’d be called over to document the entire process on slide film. It was interesting work.”

Currently one of the tasks on the job list involves taking pictures of Petri dish cultures for the department of botany, so they have a visual trace of how the cultures in the experiment are changing and evolving. But primarily, of course, the job is about people and capturing them during some of the highpoints of their lives.

The photography department has always been involved with creating an album of pictures for the honorary degree recipients and award winners at Convocation – as a lasting memento of the event. But over the last few years they’ve also added pictures of the graduates to their repertoire.

“You have a seven or eight second window per student. But we’ve talked to the deans and directors and they know to turn the students towards the camera,” Talbot said. “As long as we get that cooperation you get a good photo.”

Talbot said one of his favourite photos – of the University of Manitoba’s brightest moments.

There’s still a bit of an art to making that one shot count though.

“After a while you kind of anticipate how people are going to move,” Talbot said. That means guessing when they’re about to blink and taking the convocation gear into account.

“The tassel on the cap will always swing as they turn, so you learn to watch the tassel and wait for it to swing out of their eyes before you press the shutter,” Talbot said. “They have a pretty good record, out of the 350 people that ordered prints from the fall convocation, only five or six had their eyes closed in the photo.

In some ways, Talbot’s job is a classic case of someone making a career out of a hobby they loved.

“I hadn’t thought of photography as a career. It had always been a hobby for me,” Talbot said. In fact he had cut his teeth in the darkroom back in high school. But when he first started work at the U of M, it was just supposed to be a summer job to earn some cash for the fall.

“I had just graduated from the University of Winnipeg and planned to take a year off to travel in Europe,” Talbot said. “But when September came they offered it to me full time.”

“I loved what I was doing, the university environment and the people,” Talbot said. “And I loved the fact that I was not stuck behind a desk all day but could get out and about to different locations for shoots.”

Of course, the technology has changed since then with cameras moving from film to digital.

“Now, the detailing of pictures is done on the computer and Talbot says he does appreciate that you can do more with an image digitally than he used to be able to do under the enlarger.”

“Talbot said one of his favorite photos – of the thousands he has snapped over the years – is of a Faculty of Music professor who played classical guitar. A head and shoulder shot, the picture showed the professor’s hand resting around the neck of the guitar.

“It was a black and white photo and I always loved the implied relationship between him and the instrument,” Talbot said. His favourite photo cuts a little closer to home, however. Framed and beside his desk is an enlargement of a picture of his daughter, Ukrainian dancing and surrounded by a flood of colour.

The composition is great, but as with any good photo, it’s the subject that makes it beautiful.

Photographer Bob Talbot has made a career out of capturing some of the University of Manitoba’s brightest moments.

For more information on the WCSN visit http://www.sfn-manitoba.ca/

Pay your fine with food

The University of Manitoba Libraries’ Food for Fines Program runs from Monday, Nov. 26, to Sunday, Dec. 2.

The program has been organized in joint venture with the University of Manitoba Students Union.

For each non-perishable food contribution you make, the Libraries will reduce your fine by $2 (to a maximum of $20). The waiver applies only to existing fines, not to replacement costs of lost or damaged items. The food collected will go to the U of M Student Food Bank, which provides assistance to students in need.

Unsure if you have a library fine? Check My Library Account at umanito.ca/libraries.

Suggested items to donate include: soups, canned goods, peanut butter, rice, pasta or beans, pasta sauces, side dishes, cereals, juices, baby food.

Winnipeg Chapter Society for Neuroscience
2007 Grass Traveling Scientist Lecture

Dr. Steve Levison, PhD
Professor of Neuroscience
Co-Director, Integrative Neuroscience Graduate Program
Director, Laboratory for Regenerative Neurobiology
Department of Neurology and Neurosciences
UMDNJ-New Jersey Medical School

Friday, November 30, 2007

"Signaling cascades that mediate the regenerative responses of neural stem cells to brain injury"

12:00-1:00PM
Theatre A, 2nd floor
Basic Medical Sciences Building, 730 William Avenue

All are Welcome to attend

For more information on the WCSN visit http://www.sfs-mana.ca/
Penner traces a political dream
Cold War, politics and university life blend in memoir

By University Staff

Penner traces a political dream

Cold War, politics and university life blend in memoir

Penner's own links to the Communist Party began in the fall of 1956, "It was difficult, because it was really like giving up your faith." The discussion at the 20th Congress of the Communist Party in June 1956 unveiled some of the horrors of Joseph Stalin's reign. That was enough to make Penner reconsider the party's ties to the Soviet Union. In the end, the lack of change in the local movement sealed his split with the party.

"Our meetings were a constant rehash of the same drama and it never seemed to make much intellectual sense," Penner said. It wasn't a dramatic split out of respect to his father who remained a lifelong member, but Penner felt it was time to distance himself from the communist party and remained out of political life until joining the NDP in 1977 and running in the provincial election in 1981 where he'd go on to serve 6 and ½ years in government.

Penner said putting together the memoir has been an opportunity to explore the archives of his own life. Along with the RCMP dossier tracking his movements – which took two years to pry out of government hands – he also found records of his Second World War service and a written history of his regiment in the Canadian War Museum.

"I did find things that I had forgotten about, and with the military record I could track the movements of our regiment," Penner said.

The University of Manitoba figures prominently in A Glowing Dream, which should come as no surprise given how much of Penner's life was spent in the province of Manitoba because they're intended to show my journey from being brought up as a red diaper baby to being a member of the New Democratic Party," Penner said.

In tracing that journey, Penner has written more than an autobiography, he's created a history that touches on North End politics, Cold War fearmongering and a good deal of the evolution of the University of Manitoba. His relationship with the University spanned 64 years, from the moment he set foot on campus in 1943 – the air force wouldn't take communists – and completed his basic training. As the war came to an end and Penner waited in Europe to return to Canada, he took courses from Khaki University in London – a program set up for soldiers studying on their education. He joined the U of M when he returned to Canada in 1946, earned an English degree and later a law degree before going on to work as a lawyer and Faculty of Law professor. He was instrumental in unionizing the university's faculty members in the 1970s, was dean of the Faculty of Law from 1989 to 1994 and remains a part time faculty member.

Penner was appointed as a Member of the Order of Canada in 2000, the appointment citing his contributions to Legal Aid, access to justice and human rights.

Banner 7 is coming

Aurora Finance and Aurora Student are based on a database software product called Banner. Currently, the university uses Banner version 6. Staying compliant with the vendor, SCT Higher Education, requires an upgrade to version 7.

The upgrade brings a new look and feel to Banner and provides increased functionality for some areas of the system. There are a number of key points that are important to Aurora users.

The upgrade is happening Nov 17 to 18. System functionality will phase down during the afternoon of Friday, Nov. 16 and will be shut down to general users until Nov. 20. Users should review the full upgrade schedule which is available on the Aurora website at umanitoba.ca/computing/refresh/aurora/.

Users will notice a new look and feel with Internet Native Banner (INB) for Aurora tasks. The new application launches a window with a cleaner, easier to use interface. Almost all form names and basic functions remain the same. A new plug-in (Java Runtime Environment) will automatically load on your workstation, plus Banner 7 works with newer versions of the web browsers.

Along with the LDS website, there will be Aurora revisions at umanitoba.ca/admin/human_resources/training/reg/. Visit the Aurora website for updated news, information and training resources at umanitoba.ca/computing/refresh/aurora/.

• For a detailed update or a refreshing, updated core Aurora Finance courses are scheduled for the week of.

• New online help documents are being continuously updated.

• Updated inserts for Aurora binders will be available for download from the website.
Bison Sports

**FOOTBALL**

Nov. 3 - Mitchell Bowl, CCIS Semi-Final, Manitoba vs. Western Ontario at Canad Inns Stadium, 5 p.m.

Nov. 23 - Vanier Cup, at Toronto, Time and Location TBA.

**MEN’S HOCKEY**

Nov. 16 - Calgary at Manitoba, Max Bell, 7 p.m.

Nov. 17 - Calgary at Manitoba, Max Bell, 7 p.m.

Nov. 30 - Saskatchewan at Manitoba, Max Bell, 7 p.m.

Dec. 1 - Saskatchewan at Manitoba, Max Bell, 7 p.m.

**MEN’S VOLLEYBALL**

Nov. 23 - Calgary at Manitoba, Investors Group, 8 p.m.

Nov. 24 - Calgary at Manitoba, Investors Group, 8 p.m.

**WOMEN’S VOLLEYBALL**

Nov. 23 - Calgary at Manitoba, Investors Group, 6 p.m.

Nov. 24 - Calgary at Manitoba, Investors Group, 6 p.m.

**MEN’S BASKETBALL**

Nov. 16 - Victoria at Manitoba, 8.15 p.m.

Nov. 17 - UBC at Manitoba, Investors Group, 8.15 p.m.

**WOMEN’S BASKETBALL**

Nov. 16 - Victoria at Manitoba, 6.15 p.m.

Nov. 17 - UBC at Manitoba, Investors Group, 6.15 p.m.

**SWIMMING**

Nov. 29-Dec. 2 - Prairie Winter Invitational, Pan Am Pool, All Day.

**TRACK AND FIELD**

Nov. 23 - Brown and Gold Intersquad at U of M, Time TBA.

Dec. 1 - Flying M Classic at U of M, Time TBA.

Dec. 6-7 - Grand Prix #1 and #2 at U of M, Time TBA.

**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.

Bannatyne Campus

**AND ST. BONIFACE RESEARCH CENTRE**

**Events Listing**

- **University of Manitoba**

**Maggs records the past**

Internationally renowned Cana- dian artist Arnaud Maggs presents two new exhibitions this fall, Nomen- clature, presented at Gallery One One One, Nov. 22 to Jan. 11. Maggs is known for his serial photo- graphs of the range of colors from other artists to French Hotel signs, to a catalogue of Jazz recordings and other printed ma- terials he finds interesting. Maggs can be considered a photo-anthropologist or cultural historian using his camera as a way of re-presenting, ordering and systemizing aspects of the past. Maggs continues his systemization with Werner’s Nomenclature of Colours. This work of body is comprised of large colour photographs of naturalist- istic archiving author Werner’s (1750–1817) fa- mous book, Nomenclature of Colours. The book is organized to show a wide range of colours occurring in the natu- ral world and a colour key at the beginning text explaining how pigments occur in nature, under headings Animal, Vegeta- ble and Mineral.

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

University of Manitoba BookStore

Customer Appreciation Days The Biggest Sale of the Year! Nov. 19 to Dec. 21

**FRIDAY, NOVEMBER 16**

**Pharmacology Seminar**

Analysis of cellular responses using high content approaches by John Wilkins, director, Manitoba Centre for Proteomics and Systems Biology, professor, departments of internal medicine, immunology, biochemistry and medical genetics, University of Manitoba, A229 Chown Building, 9 a.m., Friday, Nov. 16.

**Community Health Sciences, Drug Safety and Effectiveness in the Post Marketing Period: Setting up a Research Network** by Noralou Roos, professor, community health sciences, Manitoba Centre for Health Policy, Canada Research Chair in Population Health, DHU102, Health Research Seminar Room 200 Medical Rehabilitation Building, 12 p.m., Friday, Nov. 16.

**TUESDAY, NOVEMBER 20**

**Internal Medicine Grand Rounds, The Adult Metabolic Clinic at the Health Sciences Centre** - Past, Present and Opportunities for the Future by Cheryl Rockman-Greenberg, metabolic discipline, program in genetics and metabolism, WHRI, professor and head, departments of pediatrics & child health, biochemistry and medical genetics, The Precipio, 7:45 a.m., Wednesday, Nov. 21.

**Immunology**

- **Phosphoinositide 3- kinase signaling pathways in lymphocytic regulation** by Aaron Marshall, department of immunology, Immunology Library 605 Basic Medical Sciences, 12 p.m., Tuesday, Nov. 22.

**WEDNESDAY, NOVEMBER 21**

**Pathology Research Seminar, Tracking disease progression and the outcome of potential treatments in the mix- mouse model of Duchenne muscular dystrophy by Judy Anderson, professor and head, department of biological sciences, Faculty of Science, University of Manitoba, MS175 Forlachson Building Pathology Conference Room, 1 p.m., Wednesday, Nov. 22.

**FRIDAY, NOVEMBER 23**

**Pharmacology, Structural Biology - An Important Tool In Developing Biomedical Applications by Joerg Streeter, associate professor for biochemistry, department of chemistry and microbiology, Pharmacology Library A229 Chown Building, 9 a.m., Friday, Nov. 23.

Continuing his investigation of colour, Maggs discovered a rare docu- ment titled Cercles Chromatiques de M. Chevreul, published in 1861. Whereas Nomenclature addresses the descriptive worlds of animal, vegeta- ble and mineral, Cercles Chromatiques serves as a purely theoretical applica- tion. It contains eleven colour wheels, each showing the full chromatic scale. Beginning with the second colour wheel, ten percent black is surprinted over the colour. This increases in increments of ten percent, until the last colour wheel is shown as a dense black, obscuring any evidence of the colour spectrum. The chromatic scale is transformed into an achromatic scale. Cercles Chroma- tiques becomes a metaphor for the pas- sage from day to night, from positive to negative, from life to death.


**FRIDAY, NOVEMBER 23**

**Aerospace forum**

The Biennial Aerospace Power Forum hosted by the University of Manitoba’s Centre of Defence and Security Studies (CDSS), brings together a group of distinguished international scholars, air force officers and interested members of the public to discuss issues surrounding the application of aerospace power. The 2007 Forum, entitled ‘Aerospace Power and Counterrangement’ will be held at the Hotel Fort Garry, Nov. 27 to 29.

For more information please go to umanitoba.ca/centres/defence/
Fort Garry Campus

University of Manitoba BookStore
Christmas Approach The Year's Festive}
Sale of the Year! Nov. 19 to Dec. 21

THURSDAY, NOVEMBER 15
Richardson Centre, Cholesterol 1.40
Absorption & Synthesis: From
Physiology to Genetics by Sylvia
Santosa, postdoctoral research fellow, endocrinology
research unit, Mayo Clinic, Main
Lecture Theatre Richardson Centre for
Functional Foods and Nutraceuticals, 3 p.m.,
Thursday, Nov. 15.

Advanced Plant Science Seminar Series, Epidemiology of blackleg
of canola by Neil Holliday, department of
Biological Control of Root Maggots in
Prey interactions among aliens:
Biological Seminar Series,
P412 Duff Roblin Building, 3 p.m.,
Thursday, Nov. 15.

FRIDAY, NOVEMBER 16
Elizabet Dafoe Library Graduate
Student Lecture Series, Parental
Attitudes and Concerns About Child
Weight Status and Child Feeding Across
Cultures by Parental Attitudes and
Concerns About Child Weight Status and
Child Feeding Across Cultures by Maria
Jancsik, family social science,
Board Room, 3rd Floor, Elizabeth
Dafoe Library, 12:30 p.m., Friday, Nov. 16.

Zoology PhD Oral Examination,
Beaufort Sea Beluga Whales: an
Ecolinguistic Approach to Beluga
Feeding Across Cultures by Dietetic
Sources of Mercury by Lisa
Beaufort Sea Beluga Whales: an
Ecolinguistic Approach to Beluga
Feeding Across Cultures by Dietetic
Sources of Mercury by Lisa
Loseto, Dafoe Theatre 160 Elizabeth
Dafoe Library, 1:30 p.m., Friday, Nov. 16.

Mathematics, Adaptive finite element
method by Xiaofeng Yang, graduate
student, 418 Machray Hall, 2:30 p.m.,
Friday, Nov. 16.

Chemistry, Biomedical Applications of
Femtosecond Lasers by Arkady Major,
department of electrical and computer
engineering, 539 Parker Building, 2:30 p.m.,
Friday, Nov. 16.

Nationalist and Post-Nationalist
Historical Imaginaries Colloquia
Series, Global guns, cosmopolitan cadres
skills and sophistication in a
guerrilla war in Africa by Luise White,
African History, University of Florida,
409 Tier building, 2:30 p.m., Friday, Nov. 16.

Philosophical Friday, Musical
Magnetism by Chris Tillman, department of
philosophy, 586 University College,
2:30 p.m., Friday, Nov. 16.

Economics, Title TBA by Mikal Skuterud,
University of Waterloo, 307 Tier Building,
2:40 p.m., Friday, Nov. 16.

Psychology, Everything you know about
Autism is wrong by Richard Malott,
department of psychology, Western
Michigan University, P412 Duff Roblin
Building, 3 p.m., Friday, Nov. 16.

Biological Seminar Series, Predator-
prey interactions among aliens:
biological control of root maggots in
canola by Neil Holliday, department of
entomology, Z201 Duff Roblin Building,
5 p.m., Friday, Nov. 16.

Physics and Astronomy, Imaging
Mass Spectrometry with an Orthogonal
Injection Time-of-Flight Mass
Spectrometer by Werner Ens, department of
physics and astronomy, 380 Allen
Building, 5:30 p.m., Friday, Nov. 16.

SUNDAY, NOVEMBER 18
Classics, Death and Burial in Roman
North Africa: Current Work in the East
Cemetery at Leptis Magna by Lea M.
Sirling, classics, 257 University College,
5 p.m., Sunday, Nov. 18.

TUESDAY, NOVEMBER 20
TRIABs Technology Showcase: Learn
about current research projects being
performed by grad students at TRIABs
Winnipeg, Snappy Lobby Broadroom 135
Innovation Drive 9 a.m. to 3:30
p.m., Tuesday, Nov. 20. For further
information please visit www.win.trlabs.
ca or call 498-6090.

Entomology, Why aren’t mutualistic
interactions more common? by John
Markham, biological sciences, 220
Animal Science/Entomology Building,
10 a.m., Tuesday, Nov. 20.

Chemistry, Metallonomics: A New
Frontier by Marcos Lemes, department of
chemistry, 559 Parker Building, 2:30
p.m., Tuesday, Nov. 20.

Universal Algebra and Lattice Theory,
Notes on planar semimodular lattices.
III. Rectangular lattices by G. Grätzer,
K. Knopf, 503 Machray Hall, 2:30 p.m.,
Tuesday, Nov. 20.

WEDNESDAY, NOVEMBER 21
Agricultural and Food Sciences,
Turning Soil Erosion and Soil
Conservation Upside Down by David
Lobito, department of soil science,
Carolyn Sifton Lecture Theatre, 130
Agriculture Building, 3:30 p.m.,
Wednesday, Nov. 21.

Thinking Out Loud Book Discussion,
Tina Chen and Mark Gabbert,
Department of History, will discuss
Napoleon Klein’s The Shock Doctrine -
The Rise of Disaster Capitalism. CBC’s Terry
MacLeod, Information Radio 990, will
act as moderator, McNally Robinson
Booksellers, Grant Park Mall, 7:30 p.m.,
Wednesday, Nov. 21.

THURSDAY, NOVEMBER 22
Computer Science, Title TBA by Hannah
Carr, School of Computer Science
and Informatics, University College
Dublin (UCD), E2-461 Engineering and
Information Technology Centre, 1 p.m.,
Thursday, Nov. 22.

Postcolonial South Asian and African
Studies research cluster, Hegel,
History and Development in Africa by
Riehard Nettleton, student and
professor of English, University of Richmond,
VA, and honorary professor of philosophy,
University of Pretoria, South Africa,
Professor of Comparative Literature
emerita, and honorary professorial
research fellow, Graduate School of
the Humanities and Social Sciences,
University of the Witwatersrand,
Johannesburg, South Africa, 409 Tier
Building, 2 p.m., Thursday, Nov. 22.

Events continue on Page 10.

Arts & Entertainment

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

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.

Arnaud Maggs Nomenclature
November 22 to January 11
There will be an opening reception on Thursday, Nov. 22 from 5 to 8 p.m.
Maggs will give a talk 1 p.m., Friday, Nov. 23, in Gallery One One One.
Arnaud Maggs is a winner of the 2006 Governor General’s Award in Visual and
Media Arts. His new work, which is part of this travelling exhibition organized
by Linda Jansma of the Robert McLaughlin Gallery in Oshawa, reverberates
dynamically with historical and anthropological significance. Gallery One One One
will produce a web site and CD-ROM for this exhibition.

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

Landscape of the Body
by John Guare
Nov. 13 to 17 and 20 to 24 at 7 p.m. on Tuesdays
and 8 p.m. Wednesday to Saturday
John Guare (The House of Blue Leaves, Bosoms and Neglect, Six Degrees
of Separation) is one of America’s leading practitioners of dark comedy.
Framed as a murder investigation, the play tells the story of Betty Lynn,
a woman so preoccupied by her obsession with celebrity that she loses touch
with herself and with her neglected son, who is murdered and decapitated.
Directed by Jennette Heinrichs.

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

Sky Garnish: Homes for Canada, 1966-67
November 15 - December 14
The exhibition includes a lecture by artist Sky Garnish at 12 p.m.,
Thursday, Nov. 15 in the Centre Space, John A. Russell Building. The gallery opening will
take place at 5 p.m., Thursday, Nov. 15. While living alongside a large housing
complex in Amsterdam called the Bijlmer, Garnish became interested in the
relationship between the optimism and promise of early modernism and the
ways in which this idealism has been translated into urban space. Upon
returning to Canada in 2004, he was struck by the similarity between modernist
architecture here and what he had witnessed in the Netherlands. This body of work chronicles his engagement with the imaging of modernism both as
an examination of the internal dialog of painting and drawing, but also in its
various expressions of social form.

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

Eureeka! Musical!
7 - 9 p.m., Wednesday, December 5
Smartpark, in collaboration with the Faculty of Music, is pleased to present Eureeka! Musical!, an eclectic concert (jazz, opera and classical)
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.
Email wibe@cc.umanitoba.ca or call 480-1454 to RSVP Seating is limited. Event
and parking are free.

Music events
• Music at Mid-Day - Experimental Improv Ensemble, 12:30 p.m., Nov 19.
• Music at Mid-Day - New Music Ensemble, 12:30 p.m., Nov 19.
• Music at Mid-Day - Choral Conducting Studio - St. John’s College Chapel,
12:30 p.m., Nov 21.
• Music at Mid-Day - Chris Kayler, piano, Cassandra Lapsley, flute, Carole
Polillard, piano, 12:30 p.m., Nov 23.
• Music at Mid-Day - Performance Skills Class Recital; Laurelle Froese,
mezzo-soprano, Madeleine Hildebrand, piano, 12:30 p.m., Nov 26.
• Music at Mid-Day - New Music Ensemble, 12:30 p.m., Nov 28.
• Music at Mid-Day - Performance Skills Class Recital; Laurore Froese,
mezzo-soprano, Madeleine Hildebrand, piano, 12:30 p.m., Nov 26.
• Music at Mid-Day - New Music Ensemble, 12:30 p.m., Nov 28.
• Zita Bernstein German Lieder Competition final round, 7:30 p.m., Nov 28.
• Orchestra, Piano Spectacular - Great Hall, University College, 7:30 p.m.,
Nov 29.
• Music at Mid-Day - Vocal/Instrumental Collaboration Class, 12:30 p.m.,
Nov 30.
• U of M Concert Band & U of M Wind Ensemble - Jubilee Place, MBCI
(180 Riverton Avenue), 8 p.m., Nov 30. Tickets at the door $10 Adults, $5 Students
• Christmas Concert - University Singers and Women’s Chorus - St. Mary’s
Cathedral, (593 St. Mary Ave). 7:30 p.m., Dec 1. Tickets will be sold.
MAJOR CFI COMPETITION 2008 OPEN FORUM SESSIONS

Researchers are invited to participate in an open forum to engage in broad-based discussions with other researchers about research infrastructure needs, in anticipation of a call for letters of intent/proposals to a major Canadian Foundation for Innovation (CFI) competition in January, 2008.

The agenda for the meeting will include a brief presentation by Vice-President Research Office/Office of Research Services (VPRO/ORS) on anticipated CFI funding, expected roles of Faculties/Schools and group discussion/brainstorming around potential CFI proposals for development.

DATES & LOCATIONS:

Bannatyne Campus
Tuesday, November 27, 2007
9:00 – 11:30 am
Lecture Theatre
2nd Floor, CancerCare Manitoba
675 McDermot Avenue

Fort Garry Campus
Wednesday, November 28, 2007
1:00 – 3:30 pm
Senate Chamber
LS 2.26 Engineering Bldg. (EITC)

RSVP: Ms. Sandy Pereira by November 14, 2007
Email: sandy.pereira@umanitoba.ca

This workshop is sponsored by the Office of Research Services.

Events Listing

FRIDAY, NOVEMBER 23

Smartpark INTERACTIVE Speaker Series, Phosphorus Use in Farming: Its Impact on our Waterways by David Rolfe, Keystone Agricultural Producers and Don Haten, soil science, Smartpark Lobby Boardroom, 3:35 Innovation Drive, 8 a.m., Friday, Nov. 23.

Elizabeth Dafoe Library Graduate Student Lecture Series, Where Narratives Meet: Archival Description, Provenance, and Women’s Diaries by Heather Beattie, archival studies, Iceland Board Room, 3rd Floor, Elizabeth Dafoe Library, 12 p.m., Friday, Nov. 23.

Mathematics, Euler’s equations for isentropic flow by Marina Kotovshchikova, graduate student, 418 Machray Hall, 2:30 p.m., Friday, Nov. 23.

Women’s Studies Program/History, The Im/Possibility of Socialist Romance: Women’s Studies Program/History, Machray Hall, 2:30 p.m., Friday, Nov. 23.

Psychology, Population Health or Why are Some People Healthy and Others Not? by Noralou Roos, department of community health sciences, Faculty of Medicine and the Manitoba Centre for Health Policy, University of Manitoba, P412 Duff Roblin Building, 3 p.m., Thursday, Nov. 29.

FRIDAY, NOVEMBER 30

Institute for the Humanities and the Interdisciplinary Research Circle on Globalization and Cosmopolitanism, Towards a Conversation about the Middle East, a roundtable discussion with Henry Heller, history, Tami Jacoby, history, Dean Peachey, VP and academic dean, Menno Simons College, 409 Tier Building, 1:30 p.m., Friday, Nov. 30.

Chemistry, Title TBA by Neil Owens, department of chemistry, 539 Parker Building, 2:30 p.m., Friday, Nov. 30.

Mathematics, Global Asymptotic Stability of Equilibria of Dynamical Systems by Ashrafi Nigera, graduate student, 418 Machray Hall, 2:30 p.m., Friday, Nov. 30.

Economics, License Auctions with Endogenous Valuations and Social Welfare by Xin Meng, economics, 307 Tier Building, 2:40 p.m., Friday, Nov. 30.

Psychology, Precision, consistency, conceptual coherence, and cultural deviance of behavioral language by Philip Hineline, department of psychology, Temple University, P412 Duff Roblin Building, 5 p.m., Friday, Nov. 30.

MONDAY, DECEMBER 3

Electrical and Computer Engineering PhD Oral Examination, Dynamic Power Management for QoA-Aware Wireless Sensor Networks by Shipsa Fallahi, E-236 Engineering and Information Technology, 10 a.m., Monday, Dec. 3

TUESDAY, DECEMBER 4

Entomology, Insect herbivores and annual plants: towards general, quantitative hypotheses for trophic interactions by Bob Lamb, Cereal Research Centre-Agriculture & Agri-Food Canada, 220 Animal Science-Entomology Building, 10 a.m., Tuesday, Dec. 4.

THURSDAY, DECEMBER 6

Institute for the Humanities: Post-Colonial South Asian and African research cluster, Jews and Germans: Victimization, Entitlement, and Human Rights in Occupied Germany by Aina Grossman, Cooper Union, 409 Tier Building, 10:30 a.m., Thursday, Dec. 6.

Advanced Plant Sciences Seminar Series, Mapping with Microarrays - Using Genomics to Associate Genotype with Phenotype by Mark Jordan, Cereal Research Centre, Carolyn Sifton Lecture Theatre Agriculture Building, 3:30 p.m., Thursday, Dec. 6.

MAJOR CFI COMPETITION 2008 OPEN FORUM SESSIONS

Researchers are invited to participate in an open forum to engage in broad-based discussions with other researchers about research infrastructure needs, in anticipation of a call for letters of intent/proposals to a major Canadian Foundation for Innovation (CFI) competition in January, 2008.

The agenda for the meeting will include a brief presentation by Vice-President Research Office/Office of Research Services (VPRO/ORS) on anticipated CFI funding, expected roles of Faculties/Schools and group discussion/brainstorming around potential CFI proposals for development.

DATES & LOCATIONS:

Bannatyne Campus
Tuesday, November 27, 2007
9:00 – 11:30 am
Lecture Theatre
2nd Floor, CancerCare Manitoba
675 McDermot Avenue

Fort Garry Campus
Wednesday, November 28, 2007
1:00 – 3:30 pm
Senate Chamber
LS 2.26 Engineering Bldg. (EITC)

RSVP: Ms. Sandy Pereira by November 14, 2007
Email: sandy.pereira@umanitoba.ca

This workshop is sponsored by the Office of Research Services.

Maureen Heaman
Associate Professor and Associate Dean (Research)
Faculty of Nursing

Improving The Health of Pregnant Women Through Interdisciplinary Collaborative Research

Dr. Heaman will provide an overview of her current mixed-methods research project to identify factors associated with inadequate prenatal care among inner-city women in Winnipeg, and her new multi-site study to develop and test an instrument to measure quality of prenatal care. As the founder of the Canadian Collaboration for Prenatal Health Research, she will discuss the benefits and challenges of developing and fostering a multi-site interdisciplinary research group.

Wednesday, November 21, 2007
12:00 noon
Private Dining Room
The University Club, Pembina Hall

This Lunch Hour has 33 Minutes

To reserve your seat contact Kim Stefanik
E: kim.stefanik@umanitoba.ca or P: 474-9020

This series is sponsored by the Office of the Vice-President (Research)
Applying the brakes on auto theft

BY SEAN MOORE
Research Promotion

Since 2003, researchers at nine Canadian universities have been studying motor vehicle theft and, suitably, the researcher coordinating the project resides here, in the car theft capital of North America.

The problem is the youth culture here," Sociologist Rick Linden said. "Auto theft has become such a deeply seated part of this culture that it's not an easy problem to eliminate."

It wasn't always like this, though. In the early 1990s, auto theft numbers were respectably low, at fewer than 2,000 a year. But by the mid-90s the number jumped to 8,000 a year, and in 2004 - the worst year on record - roughly 9,000 cars were stolen.

"Today's problem," Linden said, "is still enormous."

In the national research project, which has been funded by the AUTO21 Network of Centres of Excellence, researchers have been interviewing youths convicted of auto theft to learn why they stole cars - information that could guide new programs to prevent them and others from doing it.

"Today's problem is still enormous."

Rick Linden
Department of Sociology

To be sure, cars with immobilizers have been stolen, not because the equipment was defeated, but because the keys were left in the car. Linden plans to follow up on these anecdotal tales to learn more about this apparent negligence.

Youth culture, however, is the biggest impetus to car theft, and it is difficult to change. Linden said it took a series of losses and failures to develop the newest, seemingly effective strategy.

I was surprised at how extensive this was in certain parts of Winnipeg," he said. "Normally you think it's a fad and it will blow over. Still, we tried a whole bunch of different measures and the rates started to go down so we thought, 'OK, we're on the right track.' But the rates popped up again, and it became apparent that we would need a massive initiative to counter it."

A healthy lifestyle - do you have one?

BY SEAN MOORE
Research Promotion

It can be hard to resist the temptations of being lazy, and eating fat and sugar, but you can, and if you want to sustain a healthy lifestyle, you must.

That's the message physical therapy professor Dean Kriellaars will share when he speaks at Get to Know Research at Your University on Nov. 28 (details below).

Kriellaars said there are two well-known aspects of a healthy lifestyle that have been recognized since the time of the Ancient Greeks: eat well and exercise often.

But somehow, over the last few decades, the western world has allowed this maxim to slowly erode. So now, the pernicious thinking goes, if you're not healthy, you're not living.

"It's not obesity that's the issue," Kriellaars said, "and that's what everyone looks at. The question is, 'how did you get fat?'"

There are many answers. For starters, dinner plates have expanded over the years, and portions followed suit. But more importantly, exercise, if it were an animal, has become endangered.

Kriellaars has conducted numerous studies looking into previously ignored areas of healthy living. He has outfitted rural and urban children with pedometers (to measure steps) and accelerometers (to measure movement intensity) for upwards of 16 weeks. What he found, time and time again, is that children are dangerously inactive during the week. And on weekends, when leisure time is plentiful, they move even less than their paltry weekday average of 10,000 steps a day.

Children, Kriellaars found, need about 15,000 steps a day to keep adipose at bay and maintain bones, heart, lungs, and muscle. But 10,000 steps is a fine minimum for adults.

In a study about to be published in the journal Applied Physiology, Nutrition, and Metabolism, Kriellaars examined the amount of time various elementary students spent exercising and compared that to their Body Mass Index (BMI), a measure of a person's body fat indicated by the person's weight relative to his height.

No child who was active for 90 minutes or more each day was obese.

"Does that show exercise prevents obesity? I'd say yes," Kriellaars said.

Other numbers tell other tales. For example, 38 per cent of children that spent less than 60 minutes a day had good BMI.

"Sure, they're not fat - yet," said Kriellaars. "But that also means their bones, heart, lungs, and muscle development wouldn't be good, so they're not healthy."

Kriellaars calls them PARK kids - physically-at-risk kids - and they are the ones prevention efforts are now homing in on.

Kriellaars has become a leading expert in the field of healthy living. Indeed, he also works for Manitoba's Minister of Healthy Living, and he has collected unique data in a variety of exercise-related areas.

"He will speak about his work in his presentation, 'A healthy lifestyle - I didn't know I didn't have one!' as part of the Get to Know Research at Your University speaker series. It takes place at 7 p.m. on November 28 in the Smartpark boardroom, located at 135 Innovation Drive. Admission is free and all are welcome. For more information please call 474-9020.

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

A healthy lifestyle - do you have one?
Sustainability on Campus

The familiar hum of a traditional motor isn’t always audible in the latest vehicle purchased by the University of Manitoba. Not unless you get really, close. And, even then, it’s not what you would normally expect to hear. That’s because it’s a Toyota Prius that has been converted from a hybrid to what is known as a Plug-In Hybrid Electric Vehicle (PHEV).

The university’s new PHEV, recently profiled at Canada’s first PHEV conference, is a hybrid car that has additional battery capacity compared to a conventional hybrid and can be recharged from an external electrical outlet. That innovative feature allows the vehicle to make short trips at moderate speed without the internal combustion engine kicking in, which translates to significant fuel savings. Once the PHEV battery is depleted, the vehicle works just like a normal hybrid. The vehicle can travel for up to 50 km on battery only.

Michele Rogalsky, manager of general services, says she’s excited about the latest addition to the physical plant fleet. “It will certainly save on fuel costs and I’m looking forward to hearing some of the results of the research.”

The research Rogalsky mentions is one of the main reasons for acquiring the vehicle. The PHEV was purchased through a partnership with the University of Manitoba, MB Hydro with Hymotion Inc. installing the additional battery. Eric Bibeau, the Manitoba Hydro/NSERC sponsored chair for Alternative Energy at the University of Manitoba and one of the main coordinators for the PHEV 2007 conference, is coordinating the research by working with the Emerging Energy Systems at Manitoba.

One small step to a fuel-free campus

The University of Manitoba is on the cutting edge in developing and evaluating education programs that utilize standardized patients to train medical students. The university’s seven applications were approved giving it a 71 per cent success rate compared to the national average of 48 per cent. The university has raised $18 million so far in its fundraising campaign to support students and encourage research.

In Memoriam

Frederick Zeiler, mathematician and astronomer, passed away last fall in his 85th year.

The University of Manitoba had a successful run in the latest round of Natural Sciences and Engineering Research Council (NSERC) strategic project grants. Five of the university’s seven applications were approved giving it a 71 per cent success rate compared to the national average of 48 per cent.

In this case, the physical plant department is reducing its emissions and fuel costs while research is being conducted on the efficiency of the vehicle.

Maire McDermott, the university’s sustainability coordinator says it’s an excellent example of how the University can partner with current research projects to produce a win-win situation.

“Another area that is being looked forward to more of these types of partnerships and is anxiously looking for the next opportunity.”

The hybrid will be integrated into the physical plant fleet for commuting on and off campus.

Medicine seeks simulated patient specialist

The Faculty of Medicine is planning to establish a professorship in human simulation. The goal is to have a professor in human simulation actively involved in developing and evaluating education programs that utilize standardized patients, task trainers and high fidelity human simulators to portray real-life scenarios. Human simulators are devices used to mimic real-life patients while standardized patients are people who have been trained to recite or simulate medical symptoms to students. The professorship was approved by Senate on Nov. 7 and will go on to the Board of Governors for final approval.

The University of Manitoba is exploring new models of research collaboration with federal laboratories in the city, including the National Microbiology Laboratory, the Cereal Research Centre, the Freshwater Institute and the Institute of Biodiagnostics. U of M vice-president (research) Joanne Keselman said that these discussions are taking place as part of the work of an independent panel, established by the federal government in the late summer, to consider the transfer of functions from the federal government to universities or industry in order to create greater synergies in non-regulatory science areas. However, she noted a ‘transfer’ is probably not the way to look at what would be happening.

“We would be looking at a new model of collaboration with our federal partners,” Keselman told Senate.

NSERC GRANTS

The University of Manitoba had a successful run in the latest round of Natural Sciences and Engineering Research Council (NSERC) strategic project program grants. Five of the university’s seven applications were approved giving it a 71 per cent success rate compared to the national average of 48 per cent.

FUNDRAISING

The University of Manitoba is on track and then some when it comes to fundraising. Vice-president (external) Elaine Goldie told Senate that the university has raised $38 million so far this fiscal year compared to $10 million raised to the same point last year. The university’s goal is to raise $35 million in 2007/08 to support students and programming at the university.

CONTRACTS

Senate heard that the university has reached contract agreements with the University of Manitoba Faculty Association and the Canadian Auto Workers.

Senate Briefs

IN MEMORIAM

Senate paid respect to three former professors at its Nov. 7 regular meeting. Robert Holladay Betts, chemistry, passed away on June 25 in London, Ontario at the age of 87. Betts worked with Atomic Energy of Canada from 1945 to 1966 before joining the department of chemistry at the University of Manitoba as professor and head. He guided the program through a major period of expansion and during his retirement he created the R. H. Betts Lectureship in Chemistry along with bursaries and scholarships for undergraduate and graduate students.

Theodore (Ted) Schaeffer, chemistry, passed away on Sept. 15. Born in 1935 in Gnadenthal, he received his master’s degree from the U of M and followed it with a PhD from Oxford University. Schaeffer recruited graduate students from Winnipeg North End, a move that has been reflected in the number of nuclear magnetic resonance spectroscopy experts who can trace their roots back to Winnipeg’s North End. Schaeffer spent 40 years with the department of chemistry and became a member of the Order of Canada in 2003.

Frederick Zeiler, mathematician and astronomer, passed away last fall in his 85th year. He completed his undergraduate degree at St. Paul’s College and the University of Manitoba before heading off to the University of Alberta for his master’s degree and to the University of Minnesota for his PhD. He joined the U of M as a lecturer in 1947 and moved on to become an associate professor in mathematics and astronomy and in 1975 joined the newly created department of applied mathematics.