$2.7-million renovation begins at NJM health sciences library

MP Rod Bruinooge announces federal funding as professor emerita Juliette Cooper at NJM health sciences library

$2.7-million renovation begins

from the Knowledge Infrastructure needs.

opened to the public, 9,160 square feet

Program.

of Canada's Knowledge Infrastructure

and improved library resources thanks

expanded University of Manitoba library

sciences professions will benefit from an

UPI Campaign, the $2.7-million library

for its support through KIP to the Neil

John Maclean Health Sciences Library;”

said Dr. David Barnard, President

and Vice-Chancellor, University of

 Manitoba. “This project will enhance

the educational experiences of our health

professions students, leading to more

enriched teaching and learning at the

University of Manitoba and knowledge

transfer throughout the Province.”

The Library houses an extensive

health sciences collection of more

than 300,000 print volumes, including

audiovisual and digital media. It also

provides access to hundreds of licensed

databases and nearly 9,000 online

journals. Faculty and students, medical

practitioners on the front lines of patient

care and researchers looking for in-depth

information about medical conditions and

treatments all benefit from this resource.

Neil John Maclean Health Sciences

Library has also been expanding its services. Manitoba’s Health Information and Knowledge Network (or MHKNET) launched in April 2009, is a new service dedicated to the staff of Manitoba Health, participating Regional Health Authorities in Manitoba, and physicians in Manitoba. Through MHKNET, Outreach Services staff at the University of Manitoba’s Health Sciences libraries conduct literature searches and provide information toolkits, links to timely and relevant sources on specific health topics, access to free databases, and information on available services.

The Knowledge Infrastructure Program, a two-year, $2 billion economic stimulus measure to support infrastructure enhancement at Canadian post-secondary institutions is part of the $12 billion in new infrastructure investment allocated under Canada’s Economic Action Plan. The program is providing real economic stimulus and employment by creating local jobs for engineers, architects, trades people and technicians. It is also helping to generate the advanced technological infrastructure needed to keep Canada’s research and educational facilities at the forefront of scientific advancement.

Overhaul at Frank Kennedy a boon for the active lifestyle crowd

Upgrades include multipurpose gym, circuit training area, spinning room, family change rooms, and hot yoga area

Overhaul at Frank Kennedy a boon for the active lifestyle crowd

 upgrades include multipurpose gym, circuit training area, spinning room, family change rooms, and hot yoga area

The Frank Kennedy Centre upgrade is extensive and designed to match the evolving needs of students, staff and local community members who use the facilities. Included in the refurbishment: the conversion of a gymnastics room to a multipurpose gym; conversion of a doubles squash court to circuit training for women and cultural groups that prefer privacy; conversion of a racquetball court to a spinning room; expansion of the climbing wall; construction of family change rooms; conversion of a recreation room to a hot yoga area; and the addition of two basketball hoops to the Gold Gym.

Cost for the project is $726,649, with $240,000 being provided by the federal government through Western Economic Diversification’s RInC Program.

“The Faculty of Kinesiology and Recreation Management is extremely happy to receive this contribution, which will cover one third of our planned facility renovations,” said Dr. Jane Watson, Dean of Kinesiology and Recreation Management. “The renovations will provide us with space to better meet the needs of individuals who are seeking active lifestyles. Students, staff and community members alike

Left to right: Acting vice-president (external) John Alho, dean Jane Watkinson of Kinesiology and Recreation Management and MP Rod Bruinooge.
In The News

What’s Eating You?

The Globe and Mail, Canadian Press, Science Daily, QBO, Ontario Farmer

January 26, 2010

Food scientist Rick Holt authored a new analysis of Canada’s food-safety system, which was recently published in the Canadian Medical Association Journal. “If politicians want to stand up and say we have the safest food supply in the world, they’ve got to come clean and do something to make that true because right now it’s garbage,” Holt said in an interview. One of the biggest weaknesses Holt identified is Canada’s inadequate surveillance of food-borne illness.

Home to Gigantic Moths

Winnipeg Free Press

January 30, 2010

A feature story examining Alan Ronald and the making of the University of Manitoba into Canada’s premier site for infectious disease education – the Winnipeg International Centre for Infectious Diseases, where he is a scientific adviser. Story discusses vaccines produced, talent acquired, and anniversaries being marked such as the 30-year anniversary of a clinic Ronald co-founded in Nairobi.

A Lottery of Pixels

Winnipeg Free Press, CBC.ca, CTVca, QBOB, Montreal Gazette, Canadian Press, OnLineCasino.org, Regina Leader Post

January 30, 2010

Researchers in the department of community health sciences and psychiatry released a study in the Canadian Journal of Psychiatry that found video lottery terminals (VLTs) in communities and casinos are the number one and two modes of gambling associated with problem gambling among Canadian women aged 15 years and older. Lead researcher Tracie Afifi recommends governments remove video lottery terminals from all bars, restaurants, lounges and branches of the Royal Canadian Legion.

Nearly All Gone

Canadian Press, Winnipeg Free Press, Quirks and Quarks

January 23, 2010

Nicola Koper made the news for her study on a rapidly disappearing ecosystem, the tall-grass prairie. In a paper published in this month’s Royal Canadian Legion video lottery terminals from all bars, restaurants, lounges and branches of the Royal Canadian Legion. Nearly All Gone

Read stories of real students and more. itsmyfuture.ca

The Bulletin

February 4, 2010

Overhaul continued from page 1

will benefit, and women and families in particular will have more comfortable spaces in which to be active.”

“I am pleased to see our Government invest in the Frank Kennedy Centre,” said Rod Bruinooge, MP for Winnipeg South and Chair of the Post Secondary Education Caucus. “This investment puts to work and promotes an active lifestyle. Recreational facilities bring communities together and this centre will be a valuable resource for students, faculty and area residents.”

The project is expected to have far reaching financial implications for the Province of Manitoba as the investment in healthy lifestyles for the community will significantly help ease the burden on an over taxed health care system.

“This Reo reduce the availability of VLTs increase odds of women becoming problem gamblers

CHRIS REID

The Bulletin

Researchers in the departments of community health sciences and psychiatry at the University of Manitoba have found that gambling by playing video lottery terminals (VLTs) in bars and restaurants was associated with the highest odds of problem gambling among women in Canada.

A study published in the Canadian Journal of Psychiatry noted that VLTs in communities and in casinos are the number one and two modes of gambling associated with problem gambling among Canadian women aged 15 years and older.

“The best way to reduce problem gambling is to reduce the availability and accessibility of VLTs,” concludes Tracie Afifi, lead researcher of the study. “Regulators may be reluctant to do so because VLTs generate the largest profits, compared with other types of gambling.”

Within provinces, Crown corporations manage legal gambling operations that put them in contrasting roles of maximizing profits and protecting and promoting public health.

The researchers recommend a public health approach that recognizes the health, social and economic costs and benefits of gambling for people, families and communities.

Their study used the most current, national-level gambling data and is the first to use a population health model to understand the relation between types and frequency of gambling activities and problem gambling among Canadian women.

Their recommendations include:

- Develop a plan to remove and prohibit all VLTs from bars, restaurants, lounges and Legions.
- Reduce the hours of operation of VLTs regardless of the hours of operation of the establishment.
- Create awareness campaigns specifically addressing problem gambling among women.
- Develop prevention programs and help women self-manage their gambling behaviour.

Materials

The Bulletin welcomes submissions from members of the university community. Submissions can include letters to the editor, columns, news briefs and story suggestions.

Material in The Bulletin may be reprinted or broadcast, excepting materials for which The Bulletin does not hold exclusive copyright.

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This issue’s contributors: Pat Goss, Michael Marshall, Sean Moore, Chris Reid, Chris Rutkowski

Schedule

Issue Date: February 25, 2010
Copy/Advertising deadline: Feb 17
Issue Date: March 11
Copy/Advertising deadline: March 3

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Events

The Bulletin publishes notifications of events taking place at the University of Manitoba or events that are of particular interest to the university community. There is a charge for naming rights in the events column.

Send events notices to:
bulletin@umanitoba.ca

Advertise in the Bulletin

For details call 474 8111

VLTs increase odds of women becoming problem gamblers

Advertise Policy

With the exception of advertisements from the University of Manitoba, ads carried in The Bulletin do not imply recommenda-

tion by the university for the product or service. The Bulletin will not knowingly publish any advertisement which is illegal, misleading or offensive to its readers. The Bulletin will also reject any advertisement which violates the university’s internal policies, such as human rights or code of conduct.

The Bulletin can be viewed online at umanitoba.ca/bulletin
Events Listing
University of Manitoba

Arts & Entertainment

Kristjana Wood
Rarely does one come across an individual capable of looking at a subject with a scientist’s eye and capturing it with an artist’s hand. Kristjana Wood is one such individual, combining ultra-realistic observation with a joyful sense of wonder. Forest of the Bullheaded Fishes, a vibrant collection of insect, animal, and plant paintings, is Wood’s first solo exhibition. It debuted on Thursday, January 21st at the Dr. Paul H.T. Thorlakson Gallery, located in the Iceland Reading Room of the University of Manitoba’s Elizabeth Dafoe Library. It runs until March 31.

Richard Purdy
The School of Art is pleased to present Quebec artist, Richard Purdy, as guest artist on February 10, 2010 at 7:00 p.m. in the Art Barn. Born in Ottawa, Richard Purdy is presently a tenured professor of drawing at the Université du Québec à Trois-Rivières. He has mounted over 150 expositions over three decades of practice, and is known as much for his writing as his art making, having published 24 books and catalogues.

Fort Garry Campus

FEBRUARY 5
‘Is it Bold to be Bashful?’ The Consequences of and some Potential Protective Factors for Childhood Shyness”, Kimberly A. Arbeau, 160 Dafoe, 3:00pm, February 5

FEBRUARY 8
Localizing Peace: Religious and Cultural Dimensions of Sustainable Peacebuilding, Dr. Nathan Funk, Fr. Jensen Theatre, St. Paul’s College, 7:00pm, February 8

FEBRUARY 9
Exercise Rehabilitation after SCI: Putting Practice into Daily Life, Dr. Rex Holland, University of Michigan, 3:00pm, February 9

FEBRUARY 10
When should a red squirrel breed: Life history dynamics in a resource pulse system, Stan Boutin, 527 Buller Building, 3:00pm, February 12

Finding Dark Matter in Canada, Dr. Carsten Krauss, 330 Allen Building, 3:00pm, February 12

FEBRUARY 12
The Role of Simplification and Information on College, 307 Tier Building, 2:40pm, February 26

Department of Biological Sciences, Steve Wharyd, Room 527 Buller building, 3:00pm, February 26

High Resolution Spectroscopic Techniques, Dr. Jennifer van Wijngaarden, 330 Allen Building, 3:30pm, February 26

Bannatyne Campus

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

FEBRUARY 4
Immunology seminar, Dr. Peter Eck, 4th floor, Alex Sehon Suite, Apotex Centre, 12:00pm, February 4

Pediatric Grand Rounds, Dr. Brian Postl, Theatre A, Basic Medical Sciences Building, 8:00am, February 4

Pediatric Small Group Discussion, Dr. Leslie Jocelyn/Other Staff Members, Room S211, Medical Services Building, 9:00am, February 4

Pediatric Research Rounds, Room 500, Boardroom, John Buhler Research Centre, 12:00pm, February 4

FEBRUARY 5
Pediatric Nephrology Academic Rounds, Joanne Hamilton, JL397A, 12:00pm, February 5

MSc Thesis Presentation, Further investigation of amantadine disposition: Acetylation and secretion, Solafa Fatani, Room A229, Chown Building, 9:00am, February 5

FEBRUARY 6
Department of Pediatrics Weekly Rounds, CH181/83, 12:00pm, February 8

FEBRUARY 9
St. Boniface Newborn Rounds, Stephanie Narcy, AG002-1, 12:00pm, February 9

Guideline Reviews, CH181/83, 12:00pm, February 9

Pediatric Neurology Rounds, CH181/83, 1:00pm, February 9

Exercise Rehabilitation after SCI: Putting Practice into Daily Life, Dr. Rade D. Paravina, University of Saskatchewan, School of Dentistry and School of Dental Hygiene, 11:30am, February 9

FEBRUARY 10
Academic Half Day Part 1, Dr. Jay Bilber, JL397, 12:30pm, February 10

Academic Half Day Part 1. Dr. Louise Giles, JL397, 1:30pm, February 10

Academic Half Day Part 1, Dr. Blair Seifert, JL397, 2:30pm, February 10

In the Steps of Norman Bethune and I Used To Teach in China, Dr. Laura Grant, Frederic Gaspard Theatre, 7:45am, February 10

Age-Related Differences in Knowledge Transfer in a Consumer Context, Dr. Malcolm Smith, 405 Brodie Centre, 11:00am, February 10

FEBRUARY 11
Pediatric Grand Rounds, Jayson Stoffman, Theatre A, Basic Medical Sciences Building, 8:00am, February 11

Pediatric Research Rounds, Room 500, Boardroom, John Buhler Research Centre, 12:00pm, February 11

FEBRUARY 12
Pediatric Nephrology Academic Rounds, Mandish Al-Sehli, Room JL397A, 12:00pm, February 12

Research Seminar, Musings of a Journal Editor: Things that contribute to outcomes for manuscripts submitted for publication, Dr. Daniel Sitar, A229 Chown Building, 9:00am, February 12

FEBRUARY 18
Annual Graduate Student Research Presentations, 12 noon, Alex Sehon Suite, 4th Floor, Apotex Centre (Bannatyne Campus), February 18

FEBRUARY 24
Research Day at the Faculty of Dentistry and School of Dental Hygiene features keynote addresses from internationally known scholars Dr. Rade D. Paravina, University of Texas Dental Branch at Houston and Dr. Rex Holland, University of Michigan, gwarren@cc.umanitoba.ca for more information

OFFICE OF THE OMBUDSMAN

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The University Ombudsman is a designated neutral who provides confidential and informal assistance for resolving University-related concerns, complaints or conflicts – especially those that are not being adequately addressed through usual procedures. The Ombudsman is available to all members of the University community at both the Fort Garry and Bannatyne campuses.

The Ombudsman provides information about University policies and procedures, fairness, and conflict resolution. The Ombudsman can facilitate and/or mediate disputes and work as an advocate for internal processes that are fair and effective.

The Ombudsman is also available on a consultative basis to provide input on handling a situation in your own department.

The Ombudsman has the authority to conduct investigations and make recommendations with regard to resolving problems or improving University policies or procedures.

Evelyn Bernstein, Ombudsman
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E-mail: Evelyn_Bernstein@umanitoba.ca
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Michael Marshall 
The Bulletin 

How do you make a smart phone smarter? By making it able to scan the wireless spectrum, quickly make a decision based on its findings, then reconfigure itself based on that decision. 

At least that's the working theory being put forward by electrical engineering professor and wireless technology expert Ekram Hossain.

"Every day we have more wireless applications coming out, and we have more and more people using wireless devices, but there is only a limited amount of the spectrum available," explains Ekram, referring to the static frequency band made available by a provider such as Rogers or TELUS. "So, what do you do to accommodate that demand for wireless? You create a more intelligent way of accessing the wireless spectrum."

It's called dynamic spectrum access, and it essentially means that when a wireless device is unable to effectively use its home frequency band, it can temporarily spend some time on a neighbouring less-busy frequency band. 

Ekram compares the concept to that of a public swimming pool. "The way providers work now, they each have a lane in the swimming pool and no lane crossing is allowed," he says. "Dynamic spectrum access allows you to change lanes."

But for a device to be able to move around the radio spectrum, a number of things have to happen first. To start, a device has to sense the spectrum to figure out which parts of it are busy or off limits, and which are available.

Secondly, it has to use its findings to make a decision. And that requires smarts. "That's called cognitive radio networking: a certain amount of artificial intelligence is required on the part of the wireless device," says Ekram.

Then, the device would have to be able to change locations in the spectrum. "Ultimately, all wireless devices would be self-configurable so they can co-exist peacefully," he adds.

To demonstrate the value of cognitive radio networking and dynamic spectrum access, Ekram points to hospitals where there are a growing number of wireless devices being used, requiring hospital visitors to shut off their mobile phones so that there is no harmful interference with the sensitive equipment.

The value of the new technology would be that a visitor’s cell phone would immediately recognize that it is in an area where certain frequencies were being used, so it would reconfigure itself to use other frequencies.

Ekram, along with co-authors Dusit Niyato from Nanyang Technological University, Singapore and Zhu Han of the University of Houston, has outlined his research in a book titled: "Dynamic Spectrum Access and Management in Cognitive Radio Networks" published by the Cambridge University Press.

The book, which is aimed at graduate students whose research focuses on wireless technology, was published in June 2009 and has received plenty of positive feedback for its forward-thinking research in the burgeoning wireless field.

Ekram says he sees dynamic spectrum access as "inexitable," but adds that it will be several years before wireless users will see the technology in an iPhone or BlackBerry.

To begin with, the wireless protocols and etiquettes would need to be hammered out and agreed upon by regulatory bodies. Then, of course, the large wireless providers would have to mutually agree on how frequency bands are to be shared, and what kind of pricing would be used.

Fortunately Ekram and his colleagues have thought of that, and have even provided economic models in their book.

Resource Optimization: Team Member Profile

Sid Rashid, OARS team member

What does Optimizing Academic Resources (OARS) mean to you? It means optimizing resources to best serve the university and ultimately the students. I am aware of similar reviews at other universities and want to ensure what comes out of this committee results in improvements to our university for all involved - faculty, staff, and students. I see OARS as an opportunity to reinforce a more student focused vision for our university but I am also cautious of the potential for negative impacts such as program cuts which could arise.

The University of Manitoba has undertaken two resource optimization projects (entitled ROSE and OARS) aimed at finding ways to improve service, reduce costs, eliminate duplication, share resources, leverage technology and apply best practices. In the coming months, the Bulletin will feature interviews with faculty and support staff involved with the projects.

Why is the OARS project important and how does it support the University of Manitoba Strategic Planning Framework?

OARS is an opportunity to fulfill the goals in the Strategic Planning Framework, the cornerstones being academic enhancement, the student experience, Aboriginal achievement and good working conditions. It will be important to ensure the decisions made by OARs are consistent with the goals indicated above. By making efficient use of our current resources we can more strongly align ourselves with these goals and allocate additional resources to these areas where necessary.

As a student representative member on the Strategic Enrolment Management (SEM) project team, why is this area important to the university? To the students?

SEM analyzes trends in enrolment and retention, and applies this data to refine how our university attracts and supports the diversity of student populations. One important task of the SEM project is to ensure that our university maintains its role in providing an affordable and accessible post-secondary education to all students. This is essential if we are to meet the needs of our province by educating a diverse student body. The other focus is on the student experience and providing students with an array of opportunities outside the classroom.

The initial work of the SEM project team has concentrated on the development of a framework that would form the basis for the development of a strategic enrolment plan for the University. What elements of this framework are important to students generally, and to the student experience in particular? Realistically, the new framework developed by the SEM project team will affect all current and future students at our university in some way. If I had to choose a particular example, I would say defining the promises our university makes to students is crucial, and ensuring these promises are meaningful and can be met is equally important. With respect to the broader student experience, I would say there are three basic areas: a vibrant and diverse campus community, progressive accessibility policies, and meaningful student participation in college governance, academic student organizations, community outreach and service learning. In my mind, these are the foundations of the student experience.

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Meet New Faculty

Andrea Bunt
Computer Science
Andrea joined the Department of Computer Science as an Assistant Professor in July, 2009. She obtained her PhD in Computer Science from the University of British Columbia, after which she completed a Postdoctoral Fellowship in the David R. Cheriton School of Computer Science at the University of Waterloo.

Charlene Solomon
Dentistry
Charlene joined the Faculty of Dentistry in September, 2009 as an Assistant Professor in the Division of Restorative Dentistry. She graduated from the University of the Western Cape, Cape Town, South Africa in 1991. She was awarded a South African Medical Research Scholarship in 1992 which then began her academic career. Following an MSc (Dent) degree, she completed her prosthodontist specialist training (MCHD) in 2001 with a Postgraduate Diploma in Dentistry in the field of Prosthetic Implantology thereafter. She taught both fixed and removable prosthodontics at an undergraduate level and was involved in prosthodontic graduate programs, and continuing education courses. Her research interests focus around prosthodontic materials and distance learning postgraduate programs. She now continues to teach preclinical fixed prosthodontics at the University of Manitoba. She enjoys teaching at the undergraduate level and feels privileged to be part of nurturing and developing young minds and hands in the technical skill and art of fixed prosthodontics.

Leisha Strachan
Kinesiology and Recreation Management
As an alumnus of the university, Leisha is thrilled to be back on campus as an Assistant Professor in the Faculty of Kinesiology and Recreation Management, a position she began in July 2009. She completed her PhD in 2008 at Queen’s University in Sport Psychology and obtained a Post Doctoral Fellowship from the Social Sciences and Humanities Research Council, a position that she held for one year.

Her research interests include positive youth development in sport, developmental sport participation, career transitioning, and imagery use in sport. Currently, she is working on a joint project with Melanie Grego on developmental imagery use in young soccer players. She is also working on a project examining positive youth development in elite sport contexts using a photo elicitation methodology. This project is supported by a Sport Canada Research Initiative grant.

Sarah Teetzell
Kinesiology and Recreation Management
Sarah Teetzell is an Assistant Professor in the Faculty of Kinesiology and Recreation Management. She received her PhD from the School of Kinesiology in the Faculty of Health Sciences at the University of Western Ontario in August 2009. Her research interests include applied ethics in sport and health, gender issues in sport, and performance enhancement in sport. She has recently completed research projects funded by the Canadian Centre for Ethics in Sport, True Sport, and the World Anti-Doping Agency.

Music and science join hands

The results of a unique partnership between science and music will be shared with an audience at the Winnipeg Symphony Orchestra’s New Music Festival this weekend.

In July of 2007 David Barber began the Circumpolar Flaw Lead System (CFL) study as part of International Polar Year (IPY). Involving 300 researchers from around the world it is one of the largest Arctic climate change studies ever undertaken.

In homage to a centuries-old tradition of taking musicians, artists and writers on board lengthy expeditions, organizers of the CFL project approached Vincent Ho, composer-in-residence at the Winnipeg Symphony Orchestra, and asked if he’d like to experience life aboard the CGGS Amundsen while it was stationed in the high Arctic. Other composers and visual artists were also invited aboard the ship.

“We took this concept and reenacted it during our International Polar Year (IPY) expedition,” said Vincent Ho. “David Barber, Environment and Geography, said, “Our purpose was similar to those adventurers from many centuries ago — we wanted to use art as a way of communicating our scientific findings to the public.”

Ho accepted the invitation and spent a number of days aboard the ship taking in the sights, sounds and ambiance of life in one of the most remote and inhospitable corners of the earth. There, he found inspiration for his ‘Arctic Symphony’. The piece of new music will be featured at the opening night of the annual New Music Festival on Saturday, February 6. Barber will join Ho on stage as he enacts the Arctic climate change to the audience.

“The once-in-a-lifetime trip was a wonderful opportunity for me to develop my own personal relationships with the Arctic environment and the culture that exists there. As an artist, it was an extraordinary journey to take those experiences and externalize them in musical form,” said Ho.

Some of the preliminary findings from this major International Polar Year (IPY) study show that, contrary to popular reports, the summer sea ice in the northern hemisphere has not recovered over the period 2008-2009, 2009-2010 and 2010-2011. What is more, results also show that all components of the marine ecosystem are being affected by the changes and that at the current rate the Arctic will be navigable for a period in the summer and early fall much sooner than anticipated. This has implications for Arctic sovereignty, security, and development, including the Persian Gulf and the North Atlantic regions.

“With the University is proud of the CFL project and the achievements of its researchers, and it is honoured to have helped an artist find musical inspiration in the Arctic,” said David Barnard, University of Manitoba President and Vice-Chancellor.

Vice-Provost (Academic Planning and Programs)
Nominations and applications are invited for the position of Vice-Provost (Academic Planning and Programs)

The Vice-Provost (Academic Planning and Programs) reports directly to the Vice-President (Academic). The Vice-Provost, the senior academic officer, has responsibility for academic programs, academic program development and delivery, academic and non-academic program approval, academic program development and delivery, academic and non-academic program approval, and academic program development and delivery. The Vice-Provost is also responsible for the University’s program review and accreditation processes, and the Council on Post-Secondary Education and the Canadian Forces Program Office (COFSE), serving as the principal liaison with COFSE on all matters related to academic programs and activities.

The ideal candidate will have a distinguished record of academic achievement; demonstrated academic and administrative leadership; excellent communication, planning and interpersonal skills; and proven ability to work strategically and collaboratively. She or he will be a creative and energetic individual with a demonstrated interest in fostering academic excellence and encouraging innovation.

The University of Manitoba encourages applications from qualified women and men, including members of visible minorities, Aboriginal peoples, and persons with disabilities. Written nominations and applications for the position, in the latter case accompanied by a letter of introduction and statement of interest, a curriculum vitae and the names of three referees, should be submitted in confidence to Dr. Joanne C. Keselman, Vice-President (Academic) and Provost, Room 210 Administration Building.

The review of nominations and applications will begin in mid-February. This advertisement is directed at individuals holding full-time continuing appointments with academic rank at the University of Manitoba. Application materials, including letters of reference, will be handled in accordance with Freedom of Information and Protection of Privacy Act (Manitoba).
Faculty of Medicine
Dean of Medicine
Strategic Research Fund
Announcement

The Strategic Research Fund is to support the development of a transdisciplinary faculty wide, centrally located research infrastructure or core facility at the Bannatyne campus. The objective of the Strategic Research Fund is to build capacity and enhance the productivity of researchers in the Faculty through collaboration. The proposal for the Strategic Research Fund can be the launch of a new multi-disciplinary group project, the development of a faculty-wide infrastructure or the establishment of a faculty-wide core facility. The proposal should be novel, innovative and multi-disciplinary in nature. Some of the major themes for consideration are: the molecular basis of diseases, clinical and translational research, and research in health services delivery, with an emphasis on the evaluation of changing management strategy and innovation. The value of the Fund is $450,000 per year, and only one project will be awarded each year.

Guidelines and application packages can be obtained from the Office of the Dean of Medicine Strategic Research Fund.

Completed applications must be received in 260 Brodie by 4:00 pm on Thursday, April 1, 2010, addressed to:

Dean of Medicine Strategic Research Fund
Dr. Dean Sandhiam, Dean
Faculty of Medicine
University of Manitoba

One university. Many futures.

The University of Manitoba
Applied Health Sciences Ph.D. Program

Research Day Keynote Address:
Science, the Media and Communication of Controversy and Risk

John Robert Finnegan Jr., Ph.D.
Professor and Dean
Assistant Vice President for Public Health, School of Public Health, University of Minnesota

Dr. Finnegan joined the Public Health Faculty in 1986, where he developed a research and teaching program focusing on public health and the mass media. Today, he is a recognized scholar and researcher in the field, publishing in the scientific literature, serving often on National Institutes of Health (NIH) panels, and a frequent national and local speaker on related topics. His research in health communication has focused especially on the socio-economic and community origins of differences in population exposure to health information and their relationship to health outcomes.

9:00 am Friday March 5, 2010
Marshall McLuhan Hall, 204 University Centre

AHS Ph.D. Student Presentations & Poster Competition
(Presentations to commence following Keynote Address; posters on display all day, students will attend their posters from noon – 1 pm)

Participating units in the Applied Health Sciences Ph.D. Program are: Human Ecology, Kinesiology and Recreation Management, Medical Rehabilitation, Nursing

Former dean of engineering honoured

Dr. Edmund Kuffel, a retired dean of engineering at the University of Manitoba, was awarded the title of Doctor Honoris Capitis by Poznan University of Technology in Poznan, Poland. The honorary degree is the highest distinction granted for outstanding contributions in science and culture. The ceremony was held on 17 December 2009 as part of the celebration of that institution’s 90th anniversary.

Kuffel is a well-known member of the Winnipeg Polish community and is a prominent and recognized world authority in the field of high voltage engineering. During World War II he served with the Polish II Corps under General W. Anders in Italy. Kuffel’s scientific career began in the difficult post-war times in Ireland and the UK. He obtained his BSc, MSc and PhD degrees at University College in Dublin, and while on faculty at the University of Manchester, he obtained his DSc degree.

In 1986 was invited by the University of Manitoba to become a professor in the department of electrical engineering. In 1970 he left to become head of the electrical engineering department at the University of Windsor, but returned to Manitoba in 1978 as head of electrical engineering department and in 1979 was elected dean of engineering, a position which he held for two terms. At that time the faculty included departments of electrical, mechanical, civil and geological engineering. He managed to convince the government of Manitoba to increase the faculty budget which allowed the establishment of new programs: computer and industrial engineering. The expanded budget also allowed for increasing the research activities in the faculty.

Kuffel educated a number of world-class, high-voltage specialists, among them 20 Polish scientists. He organized and directed several international projects funded by the Canadian International Development Agency (CIDA) and the International Development Research Center (IDRC) in Thailand, Brazil, China and Italy. Kuffel is the author of four textbooks on high voltage engineering, two of which were translated into Chinese and Japanese, as well as several hundred scientific papers.

For his outstanding contributions to the field of high voltage engineering he was awarded the IEEE Centennial Medal, elected IEEE Fellow and elected Fellow of the Canadian Academy of Engineering.

Today, Kuffel is retired, but still actively shares his knowledge with scientists around the world, attending conferences in Brazil, Japan, Korea, USA and in Poland. Upon retirement, the University of Manitoba awards him the title of Dean Emeritus which entitled him to continue his research work and supervise graduate students and doctoral candidates.

Academic Job Opportunities

FACULTY OF AGRICULTURAL AND FOOD SCIENCES
Tier 1 Canada Research Chair, Food and Feed Safety Systems
Position: Professor or Associate Professor
Start date: July 1, 2010
Position number: 10966
Application deadline: March 15, 2010
For information: Dr. Qiang (Chong) Zhang, Acting Associate Dean (Research), Faculty of Agricultural and Food Sciences, University of Manitoba, Winnipeg, MB, R3T 2N2, Tel: (204)474-6082, Fax: (204)474-7525, zhang@ms.umanitoba.ca.

Department of Food Science
Position: Assistant Professor
Start date: July 1, 2010
Position number: 08439
Application deadline: March 31, 2010
For information: Dr. Richard Holley, Chair, Search Committee, Department of Food Science, Faculty of Agricultural and Food Sciences, University of Manitoba, Winnipeg, MB, R3T 2N2, rich_holley@umanitoba.ca.

ASPER SCHOOL OF BUSINESS
Tier 2 Canada Research Chair, Entrepreneurship and Innovation
Position: Assistant or Associate Professor
Start date: July 1, 2011
Position number: 10954 / 10955
Application deadline: March 4, 2010
For information: Dr. Nick Turner, Associate Dean, Asper School of Business, University of Manitoba, Winnipeg, MB, R3T 5V4, nick_turner@umanitoba.ca.

FACULTY OF ARTS
Department of Sociology
Tier 2 Canada Research Chair, Law and Social Justice
Position: Assistant or Associate Professor
Start date: July 1, 2011
Position number: 10974 / 10975
Application deadline: February 17, 2010
For information: Dr. Richard Sigurdson, Department of Sociology, Arts, 953 Robson Hall, University of Manitoba, Winnipeg, MB, R3T 5V5, Tel: (204) 474-9271, Fax: (204) 474-9273, richard_sigurdson@umanitoba.ca.

Don’t know where to turn?

The clinic is designed for entrepreneurs who require information regarding new business organizations: incorporation, partnership, business registration, and other services.

The clinic is open to all faculty, staff and students. The L. Kerry Vickar Business Law Clinic is a unique service offered by the University of Manitoba’s Asper School of Business.

For more information, call 474-9294.

*Students do not give legal advice

The University of Manitoba
Winnipeg, MB, R3T 5V5, Tel: (204) 474-9949

Starting a business? Don’t know where to turn?
Heart attacks are the leading cause of death in Canada. Learn from the experts about how you can keep your heart healthy at an upcoming Café Scientifique.

The café, dubbed Keeping Your Ticket Happy: Strategies for Heart Health, will give the public an opportunity to chat in a laid-back setting with top researchers in the field: Todd Duhamel (Faculty of Kinesiology and Recreation Management), Daivinder Jassal (Faculty of Medicine), Grant Pierce (Faculty of Management), Davinder Jassal (Faculty of Human Ecology). All four professors are affiliated with research partner St. Boniface Hospital Research Centre.

The free public event is scheduled for Thursday, Feb. 25 at 7 p.m. at McNally Robinson Grant Park.

BY KATIE CHALMERS-BROOKS

Think back to summertime and basking in the sun on the shores of Lake Winnipeg. As the temperature rose so too did the temptation to go for a dip but the green slimy goo at the water’s edge made you think twice.

Ever wonder how that pea-soup-like sludge – known as algae – got there in the first place? One of the culprits is phosphorus. Our relationship with this nutrient is complicated, explains soil scientist Don Flaten, who will be giving a free public presentation on the topic Feb. 24 for the Bringing Research to Life Speaker Series.

We need phosphorus in our soil to grow crops and in our water to sustain fish but too much can cause big problems. An overload creates algae, which depletes the oxygen in the water as it decomposes and essentially suffocates the fish, which in turn wreaks havoc on our aquatic eco-systems.

“There is a variety of steps that government, industry and private individuals are taking to reduce the risk of overloading the lake but we haven’t had substantial progress yet in reducing the loading itself,” says Flaten, a nutrient management specialist in the Faculty of Agricultural and Food Sciences. “I think we have yet to turn the corner on phosphorus loading in Lake Winnipeg.”

We get a surplus of phosphorus in runoff water – which eventually ends up in the lake – from inside and outside Manitoba, from urban centres, natural lands and farmers’ fields. The runoff contains phosphorus from soil, plant material, fertilizers, and human and animal waste, explains Flaten, one of 14 members belonging to the Lake Winnipeg Stewardship Board.

The provincial government’s efforts so far have included calling for improved sewage treatment in Winnipeg and restricting farmers’ use of livestock manures and synthetic fertilizers. The Board made recommendations to the Province in 2006 on how to improve the health of Lake Winnipeg and will soon release another report on how those recommendations have been carried out.

Flaten says we need to find ways to reduce the risk of phosphorus loss to surface water. Recent research by the professor and his colleagues indicates Manitobans shouldn’t be backing the issue the exact same way experts do elsewhere in the world.

The landscape, climate and soils of the prairies are unique and require a different approach, he says. Here in Manitoba, our flat terrain and cold, dry climate mean that most of the phosphorus in runoff is not caused by soil erosion or heavy summer rainfall, as it typically is elsewhere. “Our phosphorus losses are not dominated by erosion of soil particles during summer rainfall. Instead, for the most part it’s the runoff of dissolved phosphorus during snow melt,” he says. “Therefore, the traditional practices of erosion control are not likely to significantly reduce phosphorus loading into Lake Winnipeg, and in fact, in some cases these erosion control practices may backfire and increase phosphorus loading.”

For example, Flaten says recent research done by the University of Manitoba and other partners in the province’s South Tobacco Creek watershed shows that using zero-tillage to reduce erosion on farmland has the potential to increase rather than decrease phosphorus loss.

“So, given the challenges of preventing or intercepting dissolved phosphorus after it starts moving, prairie farmers may need to be extra careful to avoid the build-up of excess levels of phosphorus in their fields in the first place,” Flaten says.

U of M researchers are exploring phosphorus from several angles, including: how freezing and thawing of soil and vegetation affects phosphorus loss; how to feed livestock to make more efficient use of phosphorus; how to better test soils to predict the amount of phosphorus that can run off into water bodies.

To learn more, join Flaten Wednesday, Feb. 24 at 7 p.m. in Room 290 in the Education Building for his presentation What’s the Fuss about Phosphorus?
Dzama gets high profile exhibition in Montreal

MICHAEL MARSHALL
The Bulletin
University of Manitoba School of Art graduate and Royal Art Lodge founder Marcel Dzama has a new exhibition at the prestigious Musée d’art contemporain de Montréal.

The exhibition, titled Aux mille tours (Of Many Turns), contains some sixty pieces produced over the last three years, including several new works specially created for the event. It comprises a sketchbook, drawings, collages, sculptures, paintings and films, and examines Dzama’s favourite themes: nostalgia, early modernism and the relationship between irony and cynicism, politics and subjectivity.

The exhibition is the largest solo show of Dzama’s art by a public gallery. It runs until April 25, 2010.

Dzama, who graduated from the University of Manitoba in 1997, co-founded The Royal Art Lodge with fellow students during his time at the U of M. The Royal Art Lodge is a group of artists who meet weekly to create musical performances and collective works, and at the same time pursue solo careers. While still at the U of M, Dzama was getting noticed in the art community, catching the interest of several galleries including Winnipeg’s Plug In Institute of Contemporary Art which organized a one-man show of Dzama’s works, called More Famous Drawings, that travelled across Canada in 2000.

The title Aux mille tours (Of Many Turn) is taken from the prologue to the Odyssey, where Homer introduces Ulysses as “Polytropos,” a man of many twists and turns.

Like Ulysses, Dzama’s art is elusive, prolific and multifaceted. His works draw on a rich repertoire of artistic and literary references, from prewar children’s book illustration and Marcel Duchamp to James Joyce and Dante. He also often refers to childhood experiences in his hometown of Winnipeg: landscape, wildlife, the family farm.

U of M raises over $25,500 for Haiti relief

CHRIS REID
The Bulletin
In partnership with the Canadian Red Cross, donations poured in to the University of Manitoba from January 25-29, 2010.

In response to the overwhelming need of persons displaced or in need of persons displaced or injured as a result of the January 12, 2010 earthquake in Haiti, staff at the University of Manitoba organized a week-long fund-raising campaign. Monetary donations in support of the Haiti relief effort were being accepted at both the Fort Garry and Bannatyne campuses.

The final amount, $25,687.27, will be matched by the Government of Canada.

All donations will be directed to the Canadian Red Cross, which has been supporting disaster relief to Canadians and to people around the world since 1964.

“I am humbled and grateful for the many staff and students that volunteered and donated to this great cause. “ said Sheila Martens, fundraising coordinator. “There are many people to thank but in particular there are two dedicated individuals that greatly contributed to the success of this campaign, Sandra Dufour, Faculty of Dentistry and Ivan Salazar, Physical Plant. Great things are not done by impulse, but by a series of small things brought together and together, we are the change we wish to see in the world,” Martens added.

The first day of Ed Expo was an “information day” on the second floor of University Centre in the Manitoba Room (MPR). During the following two days, students participated in interviews. Although Day One was intended to be a day of information gathering, some students signed agreements guaranteeing them employment after graduation. In order to prepare students for employment offers, the Faculty of Education in cooperation with the Education Student Council has offered several workshops on Contracts and Due Process, and Interviewing; as well, students have participated in Portfolio reviews.

EdSC actively hosts these learning opportunities for Education students in collaboration with Faculty of Education faculty members and external education partners in order to help build the bridge from student to teacher.

The University of Manitoba graduates approximately 280 teachers each year.

“Northern Exposure” for education students at job fair

JACKIE DUHARD
For the Bulletin
Ed littEration Expo sight 2010 (“Ed Expo”) is a long standing tradition for the Faculty of Education and introduces educational opportunities for students to school divisions from around the globe. With dozens of school divisions and Independent, and International schools in attendance from Mexico, China and the UK, the students can expect a strong mix of opportunities helping them to make a well informed decision regarding their future. The Ed Expo also highlights teaching opportunities across Canada.

Ed Expo is one of Manitoba’s largest information fairs for graduating Bachelor of Education (B.Ed.) students. It is recognized for helping students build connections for the future. New connections include the addition of Northern school divisions to Ed Expo.

This year’s Ed Expo coordinators Stacey Matsumoto and Joelynn Tychinski said: “Ed Expo is a great way for students to become aware of what employers are looking for, the different opportunities that are available to us upon graduation and of course, the interview practice experience is invaluable.”

“Ed Expo draws crowds to University Centre”

Photo by Chris Reid.

From left: Fundraising coordinator Sheila Martens & Acting Vice-President (External) John Allo hand over a cheque of donations to a representative of the Canadian Red Cross.

TV and film collection is really “way out”

The Allan Eastman fonds is part of a growing number of fascinating collections related to film and video held by the Archives. Allan Eastman (BA, U of M, 1971) born in Winnipeg began his interest in film at the University of Manitoba when studying for his Bachelor of Arts degree. He wrote and directed his first film in 1975, going on to direct and produce several feature films and three acclaimed TV mini-series: Race for the Bomb (1987), Ford: The Man and the Machine (1988) – which won three Gemini awards - and Champagne Charlie (1989). But perhaps he is best known for his direction of many episodes of the science fiction television series: Gene Roddenberry’s Star Trek: Final Conflict, Star Trek: Deep Space Nine, Star Trek: Voyager, and Gene Roddenberry’s Andromeda, the later winner of the 2001 Leo Award for Andromeda as “Best Dramatic Series”. Eastman’s donation to the University of Manitoba Archives & Special Collections in 2005, includes scripts & screenplays, background and research material, photographs, audio recordings, posters, ephemera (including an “Alien Head”), and over 450 audio-visual recordings of productions.

Brian Hubner, Associate University Archivist.