University of Manitoba

It’s grown locally

BY DALE BARBOUR
The Bulletin

If the supporters of the University of Manitoba Student Community Garden had their way people at the university would be able to live on a one mile diet, never mind a 100 mile diet. Because the student gardeners are looking to supply as much of the university’s food locally as they can, creating a healthy organic option.

“Our group is only into our second year, but there’s a long tradition of student-run gardens on campus,” coordinator Kaeley Wiseman said. “Our goal is to provide a green space for students as well as free organic food.”

The garden is located at the western end of Chancellor Matheson Road and includes about two acres of territory. The group has as many as 200 members, although it’s a core group of 40 students who are at the heart of planting and maintaining the garden. Most of them are graduate students and while the Faculty of Agricultural and Food Sciences is well represented, there are students from a range of faculties. The Faculty of Agricultural and Food Sciences also plays a big role in helping to maintain the garden.

The student garden helps out a wide variety of people. Wiseman said a portion of every crop goes to the Knox Centre, which is located next to Central Park in downtown Winnipeg and helps recent African immigrants settle into Canada. Students host a farmer’s market in Osborne Village where they sell a portion of the crop and last year partnered with Degrees Diner to provide organic vegetables to people on campus.

“The remaining one-third or so of the production goes to the students who work in the garden,” Wiseman said.

See GARDEN/P 2
University looks to future budget challenges

From Page 1

“We’re going to have to look at longer term options,” Barnard said. Ultimately, annual across the board belt tightening is not sustainable. While the university can, and will, search for areas where services are being duplicated or are no longer required, Barnard said bigger changes will be required if funding continues to be restrained.

Board member Janice Lederman agreed. “Going forward it seems to me that the university is going to have to make some hard decisions about its priorities and possibly make some fundamental realignments,” Lederman said.

The budget won the support of the Board of Governors, however University of Manitoba Students’ Union president Sid Rashid and vice-president advocacy Mitch Tripple cast their votes against the budget. Graduate Students’ Association president Abbas Sabouni also opposed the budget.

“As the elected representative of students I can’t support the increase to the international student fees,” Rashid said. Rather than increasing student fees, Rashid said the board needs to send a stronger message to the provincial government that it needs more funding, even if that requires tabling an unbalanced budget and running a deficit, something that the university is, by law, not allowed to do.

Barnard said the university faces budget challenges and in many ways is competing with other universities in Canada which have deeper pockets. But he also noted that the Board has to acknowledge that the provincial government is facing challenges of its own.

“We need to give a nuanced message when we make these statements,” Barnard said. “In a context where they gave many of their own departments a 0 per cent funding increase they did give us a net increase in funding.”

Tripple also said the university would need to get the word out to students about the change to the refund policy. “It’s going to be a shock to them,” he noted.

Vice-president (administration) Debbie McCallum agreed that getting the word out would be critical. “We’ll make sure it’s well understood and advertise it widely,” McCallum said.

Garden gives organic option

From Page 1

The gardening effort got a two thumbs up from University of Manitoba Students’ Union president Sid Rashid who came with the UMSU executive team to help with the spring planting on May 30.

“I think it’s a great project for the university and we’re excited to see it continue,” Rashid said.

On its website the community garden notes: “On every campus we need large, highly visible vegetable gardens that are tended by everyone who likes to eat; cafeterias that provide, insofar as they can, only local foods; compost heaps steaming next to these cafeterias to remind us to pay our debt to the soil. We need administrators committed to dismantling, not enlarging, our vast system of technological dependencies, and professors committed to living defensibly and responsibly and competently before their students. Our foreign studies programs must become local studies programs.”

To learn more about the community garden go to http://uofmgarden.pbworks.com/ or e-mail osbornervillegardenmarket@gmail.com.

Tell us what you think.

You’ll find our readership survey in this issue or online at http://tinyurl.com/uofmnewssurvey.
Balsillie checks out our campus

Approximately 2,000 Manitobans are living with kidney disease today. Of those, many are waiting for kidney transplants and more than half depend on dialysis machines – giving Manitoba the distinction of having the highest per capita rate of dialysis patients of any province in Canada. But now there is fresh hope for sufferers of kidney disease thanks to a $3-million donation to the University of Manitoba.

The Renal Transplant Research Chair, created through the generosity of Jim Balsillie, is the result of a generous community campaign to raise the $3-million endowment. Every year the Associates support and promote interaction between business executives, faculty and students, culminating in the I.D.E.A. award presentation in June.

The goal of our program is that we ultimately prevent patients from ever requiring a kidney transplant and if they are unfortunate enough to need a period of dialysis prior to their transplant, the lifetime of these patients will not include a return to dialysis.”

The Renal Transplant Research Chair is the result of a generous community campaign to raise the $3-million endowment – with the final gift provided by Inge Gaspard in honour of her late husband Frederic Gaspard. Theatre A, a 360-seat lecture theatre on the Bannatyne Campus, is being renamed the Frederic Gaspard Theatre in recognition of Inge Gaspard’s generous gift. Frederic Gaspard was president and CEO of Gaspard & Sons, a successful manufacturing company famous for its convocation gowns and academic regalia with a head office and factory in Winnipeg, plus branch offices in Toronto, Minneapolis, and two factories in Puerto Rico.

David Rush, head of the section of nephrology and director of the Manitoba Renal Transplant Program, and Inge Gaspard with a plaque honouring her late husband Frederic Gaspard who suffered renal failure in 2008.

"We are fortunate here at the University of Manitoba that we have state-of-the-art technologies in a number of disciplines that are very important to transplantation."

Working jointly with the Manitoba Centre for Proteomics and the department of immunology, the group will focus on the identification of unique proteins involved in kidney rejection, providing the pharmaceutical industry with novel targets for the design of new immunosuppressive therapies to prevent and treat transplant rejection. Furthermore, in collaboration with the National Research Council Institute for Biodiagnostics in Winnipeg, they are developing magnetic resonance spectroscopy (MRS) of urine samples to detect early inflammation in the graft.

"The goal of our program is that we ultimately prevent patients from ever requiring a kidney transplant and if they are unfortunate enough to need a period of dialysis prior to their transplant, the lifetime of these patients will not include a return to dialysis."

Among those to benefit from the knowledge gained by the Balsillie-funded Renal Transplant Research Chair will be Inge Gaspard. Inge was presented with a plaque in his honour, he was given a tour of Smartpark’s SMT Research Ltd. (Structure Monitoring Technology) by Alistair Burrows, centre, and Chris Buzunis.

The Associates is an organization of senior business leaders dedicated to making the Asper School of Business a top Canadian business school. Every year the Associates support and promote interaction between business executives, faculty and students, culminating in the I.D.E.A. award presentation in June.
Desaultels joins Order of Canada

Marc A. Desaultels, BA(LatPh)/55, LLB/59, LLM/65, LL.D/99, was among four people with a University of Manitoba connection to be invested into the Order of Canada by Governor General Michâelle Jean on May 15.

Joining Desaultels were Constance Backhouse, BA ’72, Marcien Ferland, BA (Hons) ’64, MA ’65, BSc ’68, and John S. Speakman, a long time member of the Faculty of Medicine’s J.A. Hildes Northern Medical Unit.

In 2008 Desaultels generously pledged $20 million to the University of Manitoba in support of Project Domino and the Faculty of Music, which, in turn, took on the name Marcel A. Desaultels Faculty of Music in appreciation. Desaultels has also received the Canadian Council for the Advancement of Education’s Friend of Education award in recognition of his extraordinary contributions to post-secondary education in Canada. He received it at the CCAE national conference gala dinner and was also made a fellow of the Canadian Academy of Health Sciences.

The Order of Canada citation for Desaultels noted the following:

A talented businessman, Marc Desaultels is also a visionaries, philanthropist and president of Creditel of Canada Ltd., is committed to promoting the training of future generations of managers and entrepreneurs across the country. He established the Canadian Credit Union Foundation primarily to stimulate and support management education in Canadian universities. His alma mater, the University of Manitoba, as well as the College universitaire Saint-Boniface, McGill University and the University of Toronto, have all benefited from his generosity.

Chancellor Bill Norrie received a rare honour on Monday, May 25 when he was presented with the Order of the Rising Sun, Gold rays with Neck ribbon, from Emperor Akihito of Japan.

The impressive medal was presented by the Consul General of Japan, Yasuo Minemura, from Calgary, at the Japanese Canadian Cultural Centre, 180 McPhillips Street, Winnipeg.

Norrie served from 1998-2008 as the Honourary Consul General of Japan in Manitoba. Besides providing a link between Japanese Canadian citizens and the wider community in Manitoba, his duties included advice on visa matters, trade regulations and immigration rules.

He served as a governor at many events of the Japanese community in Winnipeg, including demonstrations by the famous Hinode Taiko group of drummers. Besides welcoming school students from Singapore every year he supervises the JET program which sends graduate students to Japan to teach English.

In 1992 Norrie travelled to the City of Winnipeg from 1979-1992, Norrie encouraged the relationship between the City of Winnipeg and its sister city in Japan, Setagaya. On the tenth year and on the twentieth year of the signing of the sister city agreement he travelled to Japan to take part in special ceremonies. Members of the Winnipeg business community accompanied him on occasion and made several important trade agreements. On a separate trip, members of the Royal Winnipeg Ballet travelled to Japan and performed in the City of Setagaya.

Speaking at the ceremony at the Japanese Canadian Cultural Centre, Rick Frost, CEO of the Winnipeg Foundation, pointed out the many ventures for which Norrie has been involved. He was especially proud of the JET program included the tripartite agreement which resulted in the establishment of the Forks, the relocating of the ethology laboratory in Winnipeg, the revitalization of the downtown YMCA, the visit of the pandas to the Assiniboine Zoo, and bringing the first Grey Cup game to Winnipeg.

Frost said, “In the 20 years that I have known Bill Norrie, relationship building is one of his greatest strengths and he has used it to the benefit of countless students and faculty in the University of Manitoba. He has devoted a great deal of time to engage people contributed significantly to the decision by the government of Japan to award this great honour.”

Norrie honoured for creating links with Japan

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University hopes to shop local for dentists

In a move to increase the number of dentists in Manitoba, the Faculty of Dentistry is taking steps to attract more local students into its program.

Effective with the 2009 admissions cycle, 25 out of the 29 students in a first-year-dentistry class will be from Manitoba.

It’s the first time the faculty has set a minimum number for local applicants.

The University of Manitoba Bulletin welcomes letters to the editor from readers about any topic related to the university or higher education. Letters must be original and addressed to the editor. Opinions expressed are those of the writer. The Bulletin does not publish anonymous letters. Please include your name, affiliation and phone number. Letters should be submitted to barboard@ms.umanitoba.ca. The Bulletin reserves the right to edit letters to address style, length and legal considerations.

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Awards of Excellence honour staff

Leaders, teams and individuals recognized for service to university community

Learning and development services

Learning and development services announcements, staff awards and updates are featured in this section. View the Learning and Development Services website for more information.

LEADERSHIP AWARD

Grant McCaughy

Grant McCaughy is the director of the environmental health and safety office in the university community for his effective implementation approach and leadership style, his work has contributed greatly to a safe working environment for all in the university community.

Nancy Laxdal

Nancy Laxdal is an executive assistant in the Faculty of Science office. She supports the team in a variety of structured workshops and a great deal of one-on-one help. Students highly value Acorn's contribution to their academic success.

Andrea Detres

Andrea Detres, Trevor Schultz This group of staff is the epitome of a team effort. They work together in a collegial, respectful fashion for the betterment of the faculty and the university. They are proud of their work, and meet and communicate with each other constantly so this large team can work as one. Team members are knowledgeable, courteous, pleasant, responsive, and prompt. They anticipate problems and needs and offer service in a welcoming and friendly way. They enjoy working together, and build on their sense of team by supporting one another.

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June 11, 2009

The Faculty of Science office team, top, and the Implementation Team for the Physical Plant Safety Program received Team Awards on May 12 as part of the Awards of Excellence program.

The Faculty of Science office team

Team members – Joan McConnell, Denise Alexo, Greg Sobie, Val Matthes, Jill Opston, Margaret Rowley, Maureen Paisley, Robin Flynn, Melynda Chesley, Irenna Duder, Diane Strymbiski, Lorraine Lester, Marilyn Shantz, Lori Ross, Fred Wong, Khorow Hakimzadeh, Kimberly Wilde

Kimberley Wilde

Kimberley Wilde ensures that day-to-day work of the department is conducted effectively, efficiently, and with kindness and humour. Wilde provides a stable center that allows the department to function as a team. She offers invaluable help to Aboriginal students, guiding them with patience and wisdom to the resources they need for their success. Wilde at the helm, the office atmosphere is welcoming and nurturing and her calm and sensible approach eases any tension. She has shown leadership in support for the many outreach initiatives to communities both rural and urban.

TEAM AWARDS

The Faculty of Science Office Staff Team

Team members – Joan McConnell, Denise Alexo, Greg Sobie, Val Matthes, Jill Opston, Margaret Rowley, Maureen Paisley, Robin Flynn, Melynda Chesley, Irenna Duder, Diane Strymbiski, Lorraine Lester, Marilyn Shantz, Lori Ross, Fred Wong, Khorow Hakimzadeh, Kimberly Wilde


This team’s ambitious program is about construction safety, including hazard assessments, safe job procedures, safe work practices, personal protection equipment, and emergency preparedness. The program includes a manual with 14 modules, training, and incident investigation.

The team provided strong levels of leadership and support in developing and implementing this program, with members from all levels of physical plant staff and the university community.

The program has resulted in increased worker awareness and participation in creating a safe environment, plus the whole campus community has benefited from building inspections and hazard assessments.

This program will make the University of Manitoba the first post-secondary institution in Canada to achieve COR (Certificate of Recognition) designation.

The Bulletin

June 11, 2009

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Andrea Detres, Trevor Schultz

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The Implementation Team for the Physical Plant Safety Program


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This program will make the University of Manitoba the first post-secondary institution in Canada to achieve COR (Certificate of Recognition) designation.
University of Manitoba community members were out in full force during Campus Beautification Day on May 21. Clockwise from above, Lai Chun Yee, Faculty of Nursing, puts in a row of flowers next to the Helen Glass Centre for Nursing; the plant science crew take a break from their work for a bit of clowning; vice-president (administration) Debbie McCallum, president David Barnard, St. Norbert MLA Marilyn Brick, Winnipeg South MP Rod Bruinooge, and St. Norbert city councillor Justin Swanel were busy working around the Administration Building; staff members were busy across the University of Manitoba cleaning and planting. Photos by Bob Talbot

Scientists at the University of Manitoba and Manitoba Institute of Child Health have discovered that a small change in a gene (EMG1) that is involved in cell growth is the cause of Bowen-Conradi Syndrome (BCS). Their findings were published in the online edition of the American Journal of Human Genetics and will be published in the print edition next month.

BCS is an inherited disorder that affects children, preventing them from growing and developing. Affected children typically die at birth or in early childhood. It occurs quite frequently among Hutterites of the Canadian Prairies and U.S. Great Plains.

Knowing the genetic cause of this disorder is very important to this population as it provides a clear tool for diagnosing the condition and at the same time offers hope for a treatment in the future.

The Manitoba-led multidisciplinary group was made up of researchers in the departments of biochemistry and medical genetics, microbiology, pediatrics & child health, physiology and the Centre for Investigation of Genetic Disease at the Manitoba Institute of Child Health.

The research also included an international team from the Excellence Center at the Institute for Molecular Biosciences, Johann Wolfgang Goethe University in Frankfurt, Germany.

"Identifying the gene was like searching for a needle in a haystack. Although we knew approximately where to look in the haystack, the needle was camouflaged to look like the surrounding hay," said Barbara Triggs-Raine.

"The experiments we performed to make sure that we had the needle, and not the hay, were what showed EMG1 to be the right gene."

Start-up funding from the Manitoba Institute of Child Health and subsequent funding from the Canadian Institutes of Health Research and the Winnipeg Rh Institute Foundation, together with strong cooperation from the local Hutterite community, were central to the success of the research team.

The gene that is affected is involved in making ribosomes, large molecules essential for making proteins that are required for cells to grow. Genes involved in synthesizing ribosomes have been identified to be defective in several genetic disorders such as Shwachman-Diamond Syndrome and Diamond-Blackfan Anemia.

The Manitoba Institute of Child Health is the research division of The Children’s Hospital Foundation.

The Institute is dedicated to excellence in pediatric research. At the Institute, more than 220 world-class pediatric medical researchers, technical staff, students and support staff are involved in over $8 million of research and clinical trial activities each year. For more detailed information, visit www.mich.ca.
Rocking the boat in research

Kouritzin and Piquemal challenge standard approaches to research

Books

by University Staff

BY JACKIE DUHARD
For The Bulletin

A book to encourage the use of non-standard qualitative research methods and writing practices in the social sciences is now available.

Edited by University of Manitoba, Faculty of Education professors, Sandra G. Kouritzin and Nathalie A.C. Piquemal, and Renee Norman of the University of the Fraser Valley, Qualitative Research: Challenging the Orthoadoxies in Standard Academic Discourse(s) unveils the points of views of scholars who challenge standard approaches to research while still meeting the demands of university examining committees and ethics boards.

"Qualitative Research is not a rejection of standard methods" says Piquemal, "but it does use methodologies for which researchers have had to challenge the institutions, including the way institutions think about ethical guidelines. For example, when it comes to relational research, research that is based on relationships and collaborations, what constitutes free and informed consent cannot be seen as a one-time shot. It needs to be continually renegotiated as the research unfolds. This becomes even more complicated in cross-cultural contexts because the researcher often does not possess all the knowledge about the culture of the community under study. In Aboriginal contexts for example, researchers (particularly non-Aboriginal researchers) often need to rely on the research participant's knowledge about what constitutes harm and benefits, particularly around sensitive issues."

Challenging the orthodoxies in standard academic discourse also asks researchers to challenge themselves by revealing more of themselves in the research process. Kouritzin regularly asks her students to think about why they pick the themes they did in the research process and why they chose to ignore others. She says that "the very fact [students] have picked 'those' themes and not others tells you something about them. And this book is about looking inside yourself and positioning yourself vis-a-vis your research."

Kouritzin, Piquemal and Norman are aware of the challenges that students face who take non-standard qualitative approaches to research. Although, qualitative research is a standard practice in educational research, some forms of qualitative research and writing challenge the norms. As a result students often fear non-acceptance of their work, overcoming fear and gaining confidence is a hurdle for students who aspire to participate in these forms of discourses.

The forward to Qualitative Research: Challenging the Orthoadoxies in Standard Academic Discourse(s) written by Carl Leggo, University of British Columbia, describes the book as "personal, political, and poetic." These elements are a reflection of what Kouritzin considers risky writing practices. She uses an analogy of making cookies in her chapter, The Chaucerian Dissertation Model That "Got Away" to explain the difference between standard academic writing and non-standard writing. She says, "[to write in innovative ways] is the same difference as between making chocolate chip cookies with your five-year-old according to the recipe on the back of the package, versus allowing your five-year-old to discover the chocolate chip cookie method on his own from a set of ingredients you have placed on the counter. In either case, through instruction or discovery, the result must be a good cookie. Bad cookies don’t get eaten."

Kouritzin suggests that by following the traditional guidelines of writing, a researcher can ‘easily’ create a very standard piece of research fraught with ‘a priori assumptions’ and average writing. She suggests that challenging the orthodoxies of standard academic discourses has the potential for creating better, more readable, research reports, which, coupled with rigorous research practices, ‘make a better cookie.’

Qualitative Research: Challenging the Orthoadoxies in Standard Academic Discourse(s) was published by Routledge and is available through Taylor and Francis at www.taylorandfrancis.com.

Now it's your turn!

Public Forum:

Colorectal Cancer: Who Takes Care of Me?

Colorectal Cancer is the second leading cause of cancer death in Canada. Early diagnosis of colorectal cancer is critical to successful treatment of the disease.

Join us for an evening with the Primary Care Oncology research team: family physicians, nurses, cancer specialists, epidemiologists, cancer survivors and others from the University of Manitoba and CancerCare Manitoba.

At this public forum, you will learn about the importance of colorectal cancer screening and hear more about the current strategies and new directions researchers are exploring to improve screening practices in Manitoba.

This forum is open to anyone who has interest in colorectal cancer including current patients, survivors, family members and health care providers.

Thursday, June 25, 2009
Arnold Greenberg Lecture Theatre, Cancer Care Manitoba, 2nd Floor, 675 McDermot Avenue, Winnipeg
7:00 p.m. – 8:30 p.m.

Faculty of Arts graduate Crystal Spence with her daughter Dezmy at the graduation ceremony on May 26. Now that Crystal has nailed down her parchment it’s time for Dezmy to start thinking about earning one.

Tell us what you think.

You’ll find our readership survey in this issue or online at http://tinyurl.com/uofmnewssurvey.
The Bulletin

Homestay offers cultural lesson

BY DALE BARBOUR

Hong Kien Pan (Frank) had two options when he was coming to the University of Manitoba to take part in Extended Education’s intensive English language program: he could stay in residence or he could homestay with a Canadian family.

For the Taiwanese student, it was an easy decision.

“It was the first time I had been to Canada and I wanted to try to learn about Canadian’s lives so I chose to homestay,” Hong said.

“When I first arrived at my homestay I was very nervous, but my host was so funny and so friendly, and she was always so optimistic. She encouraged me to speak English and she told me if you have any problems you can tell me and ask me,” Hong said. It also helps that Hong has two fellow homestay roommates: the same host family provides one from Mexico and one from Japan – to help show him the ropes, whether it be getting a handle on school or finding out where to get a bus pass. Essentially the idea is the students come and live with the family to experience culture.

“My host has many many friends, both from Poland and Canada and when her friends come to her home, she makes delicious food and you can speak to Canadian people, and Polish people about anything. You can share information,” Hong said.

Accommodations and student life coordinator Sofia Clunie said part of the goal of the homestay program is to bring students into the families during the regular academic year and peaks in the summer.

“For Hong, part of the experience has included taking part in Canada holidays, Easter for example, to get a sense of Canadian culture,” Carels added. “So we have Thanksgiving and we’ll do the pumpkin for Hallowe’en.

“Hong’s presence has included taking part in Canada holidays, Easter for example, to get a sense of Canadian culture,” Carels added. “So we have Thanksgiving and we’ll do the pumpkin for Hallowe’en.”

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The intensive English program runs all year long. It draws about 120 to 140 international students during each of the regular academic year and peaks with nearly 500 students during the summer.

“We currently have about 60 or 70 active homestay families and we need to recruit about another 40 or so,” Clunie said. “Families will host the students, provide room and board, so three meals per day, and the students are responsible for their own transportation, which usually means picking up a bus pass. Essentially the idea is the students come and live with the family to experience Canada.

Families are compensated for room and board. The expectation is that students will receive a bedroom of their own, which includes a bed, a window, a work areas and storage space. Families are also required to be within a 20 minute bus ride of the university.

“People host for various reasons,” Clunie added. “Some are empty nesters: their kids have just left home and they have a big house, and they’re interested in filling a room. It might be something they’ve thought about doing for years. Some have kids, or it might be a mother staying at home and they have a couple of kids and have an extra room.”

Clunie says host families and students also fill out questionnaires in an effort to link their likes and dislikes, for example the students are quizzed on whether they have allergies that would make them a bad match for a homestay pet.

For Carels, the matches have always worked out well.

She said her students have stayed in touch through cards and letters every year and she even dropped down to Mexico recently to visit her first student, Gabrielle.

“We’ve always kept up with her and I wanted to see how much she’d grown up,” Carels said. “I couldn’t wait to get off the plane to see her.”

In sharing information about their culture, Hong, his roommates and their host are also laying the ground work for potential future visits.

For more information about this homestay program and how you can take part see umanitoba.ca/ extended/English/homestay or contact Clunie at 241-6554 or e-mail clunie@cc.umanitoba.ca.

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Grants support wide range of projects

THE FOLLOWING RESEARCHERS RECEIVED AWARDS IN THE MARCH 1, 2009, COMPETITION OF THE UNIVERSITY OF MANITOBA GRANTS PROGRAM AND THE UM/ SSHRC RESEARCH GRANTS AND TRAVEL GRANTS PROGRAMS:

<table>
<thead>
<tr>
<th>Applicant</th>
<th>Department</th>
<th>Project Title</th>
<th>Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>Christopher M. Anderson</td>
<td>Pharmacology/Therapeutics</td>
<td>BNI5 and PARP1 interactions in astrocyte mitochondrial dysfunction</td>
<td>$7,500</td>
</tr>
<tr>
<td>Kevin L. Campbell</td>
<td>Biological Sciences</td>
<td>The Life Story Project: Pictorial assessment methods for refugee newcomers in Cdn schools</td>
<td>$6,915</td>
</tr>
<tr>
<td>Robert Chase</td>
<td>Community Health Sciences</td>
<td>How seabirds can help detect ecosystem change in the Arctic</td>
<td>$7,260</td>
</tr>
<tr>
<td>Gail Daveno</td>
<td>Biological Sciences</td>
<td>Pesticide residues in Manitoba air</td>
<td>$7,493</td>
</tr>
<tr>
<td>Annemiek Farenhorst</td>
<td>Soil Science</td>
<td>African-Caribbean Rican male youth: Understandings of their sexuality</td>
<td>$6,300</td>
</tr>
<tr>
<td>Susan E. Frohlick</td>
<td>Anthropology</td>
<td>Afric-Indian Communities: Designing an optimal license agreement</td>
<td>$7,000</td>
</tr>
<tr>
<td>Hilket Gunay</td>
<td>Economics</td>
<td>Developing the 2nd generation spin dynamics for investigating nonlinear dynamics</td>
<td>$7,500</td>
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<tr>
<td>Can-Ming Hu</td>
<td>Physics</td>
<td>White blood mother role in their hybrid children’s identity development</td>
<td>$7,555</td>
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<tr>
<td>Sandra Keating</td>
<td>Curriculum, Teaching/Learn</td>
<td>Digital imaging and the archaeology of ancient Mediterranean economies: Case studies of Ephesos and Gordion</td>
<td>$2,360</td>
</tr>
<tr>
<td>Mark L. Lawall</td>
<td>Classics</td>
<td>Identifying markers of non-small cell lung cancer</td>
<td>$7,500</td>
</tr>
<tr>
<td>Nasrin Mesaeli</td>
<td>Biochemistry &amp; Medical G</td>
<td>Role of hypothalamic MAPK signaling in the metabolism of metabolic effects of xenin</td>
<td>$7,500</td>
</tr>
<tr>
<td>Toora Mizuno</td>
<td>Psychology</td>
<td>Developing university designed play areas for children</td>
<td>$5,870</td>
</tr>
<tr>
<td>Quingqiong Peng</td>
<td>Mechanics &amp; Manufacturing Eng</td>
<td>Role of membrane PARP1 interactions in mediating metabolic effects of xenin</td>
<td>$7,500</td>
</tr>
<tr>
<td>Jacqueline Ripat</td>
<td>Occupational Therapy</td>
<td>Developing university designed play areas for children</td>
<td>$5,870</td>
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<tr>
<td>Clea A. Schmidt</td>
<td>Curriculum, Teaching/Learn</td>
<td>The Role of Mentors in Supporting the Integration of Immigrant Teachers in Mb Schools</td>
<td>$7,380</td>
</tr>
<tr>
<td>Myoung Suh</td>
<td>Human Nutritional Sciences</td>
<td>Seminolipid production in obese rat testis</td>
<td>$7,500</td>
</tr>
<tr>
<td>Gabriel Thomas</td>
<td>Electrical &amp; Computer Eng</td>
<td>Multi-GPU computing, coping, and chronic insomnia</td>
<td>$4,500</td>
</tr>
<tr>
<td>Norah Vincent</td>
<td>Clinical Health Psychology</td>
<td>Perspectives on conflict, cultural bargaining, and chronic insomnia</td>
<td>$6,813</td>
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<tr>
<td>Total:</td>
<td></td>
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<td>$119,795</td>
</tr>
</tbody>
</table>

**Note:** Eighteen (18) of the thirty-two (32) applications received funding. The March competition is restricted to established staff.

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**Grants**

**Applicant:**

**Department:**

**Project Title:**

**Award:**

<table>
<thead>
<tr>
<th>Applicant</th>
<th>Department</th>
<th>Project Title</th>
<th>Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glenn Clark</td>
<td>English, Film &amp; Theatre</td>
<td>Ministry of the Shakespeare stage: Anger, pity and the professionalization of the Protestant ministry in post-reformation England</td>
<td>$6,850</td>
</tr>
<tr>
<td>Haskel Greenfield</td>
<td>Anthropology</td>
<td>Chalcolithic Burchery Practices at Catal Hoyuk, Turkey</td>
<td>$7,000</td>
</tr>
<tr>
<td>Huaye Jiang</td>
<td>Economics</td>
<td>Information, Herding and Bank Runs</td>
<td>$5,270</td>
</tr>
<tr>
<td>Edward A. Johnson</td>
<td>Psychology</td>
<td>Reducing shame through self-compassion: An experimental study</td>
<td>$6,143</td>
</tr>
<tr>
<td>Justin Lewis</td>
<td>Religion</td>
<td>“Many Pious Women” Translation and extensive annotation</td>
<td>$6,980</td>
</tr>
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<td>Yi Li</td>
<td>Curriculum, Teaching/Learn</td>
<td>Chinese International students at the University of Manitoba: An Overview</td>
<td>$4,931</td>
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<td>Total:</td>
<td></td>
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<td>$37,174</td>
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</table>

**Note:** Six (6) of the nine (9) applications received funding.

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**Applicant:**

**Department:**

**Project Title:**

**Award:**

<table>
<thead>
<tr>
<th>Applicant</th>
<th>Department</th>
<th>Project Title</th>
<th>Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elizabeth R. Alexandrin</td>
<td>Religion</td>
<td>Conference Title</td>
<td>$1,500</td>
</tr>
<tr>
<td>Glenn Clark</td>
<td>English, Film &amp; Theatre</td>
<td>16th European Studies Conference</td>
<td>$1,500</td>
</tr>
<tr>
<td>Derek S. Johnson</td>
<td>Anthropology</td>
<td>People and the Sea: Living with uncertainty and adapting to change</td>
<td>$1,500</td>
</tr>
<tr>
<td>Hei Heung (Sergen) Joo</td>
<td>English</td>
<td>SAMO (International Convention of Asia Scholars)</td>
<td>$1,500</td>
</tr>
<tr>
<td>Shauna Mallory-Hill</td>
<td>Interior Design</td>
<td>Environmental Design Research Association 40th Annual International Conference</td>
<td>$1,000</td>
</tr>
<tr>
<td>Jorge A. Nalim</td>
<td>History</td>
<td>Latin American studies Association (LASA) 2009 International Conference</td>
<td>$1,500</td>
</tr>
<tr>
<td>Total:</td>
<td></td>
<td></td>
<td>$9,017</td>
</tr>
</tbody>
</table>

**Note:** Seven (7) of the ten (10) applications received funding.
Events Listing
University of Manitoba

Bannatyne Campus
— St. Boniface General Hospital and Research Centre

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

SUMMER SIZZLER SALE: U of M BookStore, June 5 to 19

THURSDAY, JUNE 11

Physiology PhD Oral Examination. Mechanisms Involved in the Effect of Head Cooling on the Rate of Decrease in Core Temperature by Donald Prentice. 4:31 Basic Medical Sciences Building, 11 a.m., Thursday, June 11.

Immunology. Switches and small RNA: unravelling the complex nature of class I receptor regulation by Stephen Pretorius, 431 Basic Medical Sciences Building, 11 a.m., Thursday, June 11.

FRIDAY, JUNE 12

Community Health Sciences. The Life Story Board: An innovation in pictorial methods for assessment, counselling and psychosocial research by Robert Chase, Linda Difley and Manibela Arruda, Department of Community Health Sciences, Dr. Betty Havens Seminar Room R060 Medical Rehabilitation Building, 12:30 p.m., Friday, June 12.

MONDAY, JUNE 15


THURSDAY, JUNE 18

Immunology. Recent advances in the immunoregulatory functions of follicular dendritic cells by Mohye Eldin El Shikh, Department of Microbiology & Immunology, Virginia Commonwealth University, multipurpose room, Fourth Floor, Apexon Centre, 12 p.m., Thursday, June 18.

Fort Garry Campus

SUMMER SIZZLER SALE: U of M BookStore, June 5 to 19

FRIDAY, MAY 29

Physics and Astronomy. Simulating Dust in the Protoplanetary Disks. David A. Tillet, assistant professor candidate, department of physics, University of Notre Dame, 7:00 Allen Building, 12 p.m., Thursday, June 11.

FRIDAY, JUNE 19

Aboriginal Focus Programs. Namekwanwin – Making a Presence by Rainey Gaywish and Cathy Rocke, Classroom B: Aboriginal Education Centre, 11 The Promenade, 1 p.m., Friday, June 19.

CancerCare Manitoba Foundation Inc.
The Manitoba Institute of Cell Biology presents
The Dr. Arnold Greenberg Lecture
“Generating functional tissues from human pluripotent stem cells”

Dr. Gordon Keller
Director, McEwen Centre for Regenerative Medicine, University Health Network, Toronto
Canada Research Chair, Stem Cell Biology, University of Toronto

An internationally recognized leader in stem cell research, Dr. Keller is pioneering the use of stem cells in regenerative medicine. Join us and discover how mouse and human stem cells differentiate into specific cell lineages of the developing and adult body.

Tuesday, June 23, 2009
12 noon
Lecture Theatre, ON2134
CancerCare Manitoba, 675 McDermot Avenue
Admission is free.

PHD IN NATIVE STUDIES

The department of Native studies is proposing the creation of a new PhD in Native studies program. Senate heard on May 13. It would be the second Native studies PhD program, following the lead of Trent University which established its program in 1999. The new program would promote the development of outstanding research in areas of concern to Aboriginal people in Manitoba, Canada and international. It would train a new body of scholars for Canadian programs and enhance the University of Manitoba’s goal of being the leader of post-secondary education of Aboriginal peoples in Canada. Senate gave its support to the proposal, however that support is contingent on the financial requirements of the program being in place. The program is expected to require one full time academic staff member, a part time support staff and a part time graduate student assistantship bringing the total cost of the program to $100,000.

PHD IN ENVIRONMENT AND GEOGRAPHY

During its May 13 regular meeting, Senate reviewed a statement of intent to create a PhD in environment and geography. The new program would replace the existing PhD in geography and would be expected to take in between 10 to 15 students per year. Its overall focus would be advanced theoretical and applied research dealing with complex relationships in environmental and geographic systems including the Earth, the environment and society at large. The proposal is going to the Council on Post-Secondary Education for review.

BACHELOR TO MASTER

The Senate recommends that the School of Medical Rehabilitation develop a plan to transition its bachelor of medical rehabilitation (physical therapy) degree into a new professional “entry level” master of physical therapy. The change would match evolving national professional standards for entry level practice in physiotherapy. Senate’s support is contingent on financial support being found for the program, however the program will not require a significant increase in funding.

DENTAL HYGIENE PROPOSAL

Senate gave its support to a proposal from the School of Dental Hygiene for a degree completion program. The program would allow practitioners with diplomas to upgrade their credentials.

MANITOBA MARATHON DETOURS

The Manitoba Marathon is again being held at the University on Father’s Day, Sunday, June 21. Please note that Chancellor Matheson Road will be closed to all vehicles except emergency vehicles and buses from 5:30 a.m. to 12 p.m.

Marathon Manitoba will be operating a free park and ride shuttle service until the event is over at approximately 1 p.m.

University Crescent will also be closed from 6:30 a.m. to 2 p.m. King’s Drive, which can be accessed by Pembina Highway via Dalhousie and Silverstone will be open for access to the university and Smartpark during these hours.

Smartpark will be accessible via Dafso Road.

SENIOR BRIEFS

The Bulletin publishes events involving the university community.

- E-mail events to bulletin@umanitoba.ca or fax, 474 7631.
- The deadline for the July 16 Bulletin is July 8 at 4:30 p.m.

Arts & Entertainment

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

Music events
- Carolyn Boyes, Graduate Choral Conducting Recital, Crescent Fort Rouge United Church, 525 Wardlaw Ave. at Nassau Street North, 7:30 p.m., Tuesday, June 16.

Annual burial service

The 2009 Burial Service for individuals who graciously donated their body to University of Manitoba for anatomical studies will take place at 11 a.m. on Friday, June 26 at Brookside Cemetery, 3001 Notre Dame Ave. West, past Red River College.

Those planning to attend are requested to meet at the gravesites. Cemetery staff will be available to provide directions. Further information may be obtained from the department of human anatomy & cell science at 789-3652.

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INSTITUTE REVIEWED

The Senate committee on university research reviewed the Institute of Cardiovascular Sciences and recommended support for the institute continue for another five years.

PLANNING DOCUMENT

President David Barnard noted that the university’s new planning document should be ready to review at the June meeting of Senate. The planning document will lay out the university’s goals and expectations for the next few years.

• The Bulletin publishes events involving the university community.
• E-mail events to bulletin@umanitoba.ca or fax, 474 7631.
• The deadline for the July 16 Bulletin is July 8 at 4:30 p.m.
A cutting edge ride

The University of Manitoba Society of Automotive Engineers (UMSAE) teams have just returned from a series of international competitions. Included in the competitions was their first-ever Formula Hybrid race car.

“Researchers at the Faculty of Engineering at the U of M have taken the lead in so many areas concerning alternative energy and fuel, it only makes sense now that we get involved with the design of new hybrid vehicles,” says Doug Ruth, dean of Engineering. “The design of a high performance race car that runs on alternative energy is innovation we can all be excited about.”

“All of our teams have had a very successful year at international competitions,” says UMSAE president, Dr. M.L. Connor. “Our Baja and Formula teams have had their best showings ever, and we took part in our first Hybrid Formula competition and were thrilled with the results.”

The 2009 SAE Formula Hybrid, Formula, and Mini-Baja racing cars, and the Aero-Design aircraft were all on display at the University of Manitoba’s Engineering & Information Technology Complex at the University of Manitoba on Thursday, May 28.

CanadaNOW includes a look at Smartpark

The Canadian Association of University Research Parks/Association canadienne des parcs recherche d’université (AURP Canada) has released the inaugural issue of CanadaNOW magazine. AURP Canada represents a membership of 26 university-related research and technology parks across Canada. CanadaNow brings together the information, experiences and insights of the parks, government, business and academia spanning the breadth of the country.

CanadaNowis Canada NOW’s strategy for our technological future. An important part of that plan, both provincially and federally, includes university research parks. Canada’s parks play an integral role in helping government meet its economic objectives.

“Networking is key to the growth and success of our research park - within the park, within the community and beyond with other research parks,” says Alan Simms, president of Smartpark Research and Technology Park. “As part of our membership in the Association of University Research Parks Canada (AURP), we’re pleased to be part of CanadaNOW magazine. This new magazine gives all 26 research parks across Canada an effective networking tool that will help us forge stronger partnerships with industry, government, and with each other. Smartpark is part of Canada’s network of innovation and CanadaNow demonstrates the extensive reach of that network.”

In just seven years Smartpark Research and Technology Park has grown from three tenants in one facility to twenty tenants in seven facilities including a business incubator that has seen explosive growth in just two years.

Smartpark is one of a network of 950 hi-tech companies and research centres across Canada. From coast to coast by providing the nation with fiscal and technological innovation, these centres work to maintain Canada’s competitive edge in the global marketplace. The centres provide a physical place for the value-added activity required to grow ideas into commercial entities and drive our economic forward.

Every nation is searching for the tools and engines that will stimulate a knowledge-based economy. To stay on top demands an environment that encourages, supports and retains creative thinkers while providing access to the business acumen necessary to convert ideas into tangible enterprises.

“Since the incorporation of AURP Canada, the parks are working together like never before”, says Dale Gann, president of AURP Canada. “Our parks contribute in a meaningful way to technology transfer, commercialization and the facilitation of collaborative partnerships, key priorities of our country and our Association.”

Today, Canada’s 26 research and technology parks provide home to over 950 hi-tech companies and research centres. The first annual issue of CanadaNOW introduces each of these parks, their targeted industries, key initiatives underway and the clients they serve.
The Faculty of Nursing recently celebrated the re-branding of the former Manitoba Nursing Research Institute to the Manitoba Centre for Nursing and Health Research (MCNHR). The Caring to Know/Knowing to Care event recognized the contributions to healthcare knowledge resulting from nursing research. As part of the celebrations, the faculty’s 2008 Dr. Helen Glass Researcher-in-Residence, Dr. Pamela Hinds, gave a presentation titled “Helping seriously ill children and their parents to voice end of life care preferences.” Directed by associate professor Diana Clarke, MCNHR promotes and supports the conduct, dissemination and uptake of collaborative nursing and health research. The name change, adopted in 2008, reflects a broader interdisciplinary focus on health research. The centre plays a key role in promoting nursing and health research throughout the province of Manitoba and beyond.

### Upcoming

**Public Presentation:**  

**Vision for Diagnostic Imaging / Radiology**  

By: Dr. Cliff Levi  

Tuesday, June 23, 2009  

12:00 PM - 1:00 PM  

Theatre B  

Basic Medical Science Building  

745 Bannatyne Avenue

**Workshop:**  

**Sensory and Instrumental Techniques for Measuring Food Flavor and Aroma**  

Friday, June 26, 2009  

8:00 AM  

Richardson Centre for Functional Foods and Nutraceuticals

For more information:  

chengx@cc.umanitoba.ca

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Marathon running requires a strong dedication to achieve that ultimate goal of crossing the finish line. Similarly, Davinder Jassal’s goal of finding the key to heart failure using imaging technologies like cardiac magnetic resonance imaging (CMR), requires a strong dedication and innovative thinking.

Jassal, an associate professor of cardiology, radiology, and physiology, recently released findings of his study conducted at St. Boniface Hospital, showing marathon running causes short-term cardiac damage. This damage does not result in permanent heart muscle damage. The study is the first of its kind to use CMR to show cardiac abnormalities experienced by long-distance runners.

The study, funded by St. Boniface Hospital & Research Foundation, began last summer as 14 participants ran the fall 2008 Manitoba Marathon. Runners ranged in age from 18 to 40 and were screened for pre-existing cardiovascular risk factors, such as diabetes, hypertension, smoking, elevated lipids, and a family history of premature coronary artery disease. All participants were healthy, considered amateur runners and underwent moderate training prior to the Manitoba Marathon.

Previous studies on the cardiac effects of running marathons have looked at biomarkers along with echocardiograms (ultrasound of the heart) to determine cardiac injury. This is the first study to also use CMR to show the extent of damage.

Participants underwent blood tests and CMR prior to, immediately following, and six weeks after the marathon. Biomarkers used to identify cardiac stress were evaluated and found to be elevated in all athletes post-race. The echocardiograms and CMR post-race demonstrated both right and left ventricles of the heart showed changes in diastolic filling and a decrease in the pumping function of the right ventricle. However, the abnormal pumping function of the right ventricle completely resolved one week following the marathon.

“While it was previously thought that amateur athletes who train less prior to a marathon are more likely to experience elevated cardiac biomarkers, this study showed that even well-trained athletes demonstrate significant abnormal biochemical profiles,” says Jassal. “The good news is the CMRs showed that there was no true, long-term cardiac damage. Despite the elevated biomarkers — after a week of rest, the heart’s pumping function returns to pre-marathon levels.”

Jassal says that while this is a major breakthrough in the use of CMR in understanding why cardiac biomarkers are elevated following a marathon, more research is needed to determine how much the heart can endure before long-term damage takes place. A second research study is planned for the 2009 Manitoba Marathon, in which Dr. Jassal will look at half-marathon runners. Future studies will look at multiple marathon runners.

Jassal advises, “If you are a novice planning to run a marathon, you should consider talking to your doctor first and training appropriately. A marathon isn’t something you can just show up to. It puts considerable stress on your heart, and you should make sure you are in good shape before doing it.”

The full study was published in the May 15, 2009 edition of the American Journal of Cardiology.

### Community voices being heard

In Jardine’s study, she found that lifestyle risks such as the use of drugs, tobacco, alcohol, and poor nutrition were brought forward by participants. Other concerns included contamination of land and drinking water. She plans future research to answer the question of why these unhealthy behaviours are occurring, taking into consideration ethical concerns associated with risk communication.

Photovoice is being used by the Centre on Aging’s Community-University Research Alliance, Age-Friendly Communities project, headed by the centre’s director Verena Menec (community health sciences). Former postdoctoral fellow Toni Morris-Oswald used the technique in six communities in Manitoba, to investigate older persons' perceptions of ‘what is age-friendly.”

Seniors in the focus groups go out in their communities (Carman, Dauphin, Thompson, Winnipeg) and take pictures of things that they feel impact their quality of life. Roads and sidewalks that aren’t cleared in winter and present a safety hazard for seniors, walk don’t walk lights at intersections with short intervals that make it difficult to cross the street before the light changes, are just a few of the findings so far. After taking the photos, the seniors discuss their findings and work to improve age-friendly conditions in their local communities.

Participatory research is a powerful tool in a researcher’s toolbox. Beginning on Thursday, June 11, 2009 Verena Menec is asking Winnipeggers to participate by answering the question: Is Winnipeg age-friendly? What do you think? You don’t need to be a senior to have your say. Think about what makes an age-friendly community and post a comment. Go to one of the following websites and have your say: http://www.speakupwinnipeg.com/blog/ or http://speakupwinnipeg.com/blog/archives/cfcm/category/communities
Our 2008 Rh Award recipients
Honouring current success and future potential in researchers

The Rh Awards were established in 1973 by the Winnipeg Rh Institute, now the Winnipeg Rh Institute Foundation, from funds set aside from the sale and production of medical formulae. These honours are given to academic staff members who are in the early stages of their careers and who display exceptional innovation, leadership and promise in their respective fields. Past winners have become internationally-known researchers, so this recognition of early success augurs well for the future. Each winner receives $10,000 for future research. One award is normally made in each of the areas of applied sciences, creative works, health sciences, humanities, interdisciplinary studies, natural sciences and the social sciences.

APPLIED SCIENCES
James Blatz
James Blatz, civil engineering, receives the Rh Award for his research into how clay particles behave under varying moisture, temperature and stress conditions. Such work is integral to designing environmental barriers to contain anthropogenic waste. But Blatz also develops ways to assess the safety of rockfill dams for Manitoba Hydro, and how rockfill columns can stabilize Winnipeg’s riverbanks; concerning the latter, the methods he developed in cooperation with Marolo Allaro will allow the City of Winnipeg to stabilize up to 25 per cent more riverbank annually within its existing budget. In addition, Blatz develops risk-based management tools for the Manitoba Floodway Authority and for Manitoba Infrastructure and Transportation, and he designs guidelines for sandbag dike construction for all three levels of government. Prior to Blatz’s studies, no quantitative data had been gathered on sandbag dike performance despite the fact that they are used to protect millions of dollars worth of infrastructure. His work has resulted in immediate benefits to homeowners facing Floodwaters.

CREATIVE WORKS
Struan Sinclair
Struan Sinclair, English, film and theatre, receives the Rh Award for his collection of novels and short stories, and his exploration into new media and digital culture. Sinclair’s novels include Automatic World, a story about a man who, unable to recall his identity of past, is determined to access his history and so assemble the narrative of his life. His fiction is described as being brilliant but not brittle, daring but not self-indulgent, and intellectual but not intimidating. In //I, a multimedia piece in the form of an architectural walkthrough, Sinclair developed this project used to provide a navigable three-dimensional virtual space. It replaces the guided tour with a series of characters and narratives culminating, in the project’s final version, with a layered story space in which users, via their avatars (computerized selves), act in the unfolding narratives underway in the rooms they explore. Users will also be authors and this project will help them to build the narratives they experience.

HEALTH SCIENCES
Michelle Lobchuk
Michelle Lobchuk, Faculty of Nursing, receives the Rh Award for her studies on lung cancer patients and their caregivers. Lobchuk’s research – which spans nursing, social psychology and medicine – is filling in gaps that exist in theory based interventions to enhance empathic communication, treatment decision-making, and symptom management for advanced stage cancer patients, particularly those diagnosed with lung cancer and their families. Part of this involves understanding what lung cancer patients and their caregivers think and feel about the disease and its associated stigma. Lobchuk’s research supports that healthcare professionals who are instructed on how to prompt empathic responses from caregivers can evoke more sensitive reports on disease symptoms from the patient’s viewpoint. This knowledge can then be used to improve how caregivers manage patients’ symptoms, optimize patient and caregiver quality of life, and satisfaction in their caregiving relationship.

HUMANITIES
Étienne Beaulieu
Étienne Beaulieu, French, Spanish and Italian, receives the Rh Award for his investigations into two interrelated areas of interest in French studies: Romanticism and Québec cinema. Through analysis of Joseph Joubert, an important yet unrecognized writer, Beaulieu has presented a new theory on the comprehension of French literature. Beaulieu’s research seeks to analyze the works of Joubert, but the other side of his research pertains to Francophone cinema, principally Québecois. In these examinations Beaulieu reveals the manner in which Québec cinema has reproduced an anthropological schematic of the sacred outside of the Catholic Church, an institution rejected by Québécois society since the outset of the Quiet Revolution in the 1960s. His innovative studies have been the first to look at the relationship between history, technology and the evolution of prose within Québec film and literature.

INTERDISCIPLINARY
Jessica Seneci
Jessica Seneci, Faculty of Graduate Studies and the Arthur V. Mauro Centre for Peace and Justice, receives the Rh Award for her work on interpersonal and inter-community conflict. Her work has extended our understanding of such conflicts and how they can be resolved. Her pioneering work examines storytelling as a respectful mechanism for introducing and inspiring human solidarity at all levels of interaction. She looks at the connection between storytelling, cross cultural conflict resolution and peacebuilding. She established the Winnipeg International Storytelling Festival: Storytelling on the Path to Peace. The festival has spawned dozens of similar local efforts in classrooms around the province and has brought together more than 30 thousand young people, educators, and others in a celebration of human solidarity.

NATURAL SCIENCES
John Hanesiak
John Hanesiak, environment and geography, receives the Rh Award for his studies into atmospheric science. With an expertise in surface-atmosphere interactions, storms, and extreme weather, Hanesiak's research examines how the atmosphere interacts with the Earth's surfaces, such as prairie landscapes, sea ice and ocean. The data garnered from these investigations help us better understand weather and climate processes with an ultimate goal of improving weather prediction as well as numerical models of the atmosphere and climate. He is currently co-lead of the Storm Studies in the Arctic Project, theme lead in the Drought Research Initiative project, theme lead in the Circumpolar Flow-Lead system study, and theme lead in the Understanding Severe Thunderstorms and Alberta Boundary Layers Experiment.

SOCIAL SCIENCES
Kiera Ladner
Kiera Ladner, political studies, receives the Rh Award for her community-based research into constitutional reconciliation and decolonization. Her work focuses on Indigenous politics and governance in Canada, a country whose Indigenous politics is defined by two very different visions of self-governance: the renewal of political institutions created by the Canadian state and the (re)creation of Indigenous institutions using Indigenous political traditions. To relieve the tension created by these competing ideas, Ladner’s research brings communities together – engaging grassroots, traditional leadership, and Indian Act leaders in discussions about their visions of the future. To help, Ladner established the Indigenous Governance and Community Based Research Space, or Mamawipawin, at the University of Manitoba. It facilitates scholars and Indigenous communities in working together to create an innovative understanding of Indigenous governance and solutions for political decolonization.