### Celebration time

The University of Manitoba Students' Union's Celebration Week included The Simpsons writer Joel Cohen as its keynote speaker on Tuesday. Celebration Week events run until Friday, for details go to www.umsu.ca.

### Recreating our world

Raghavan Jayaraman, associate professor in mechanical & manufacturing engineering and spokesperson for the group, is thrilled that this equipment will not only facilitate exciting new and existing research projects, but also be available for students and to promote and strengthen the partnership among the group, CIC, and industries.

"The development of composites technology and expertise is critical to ensuring the sustained growth of Manitoba’s manufacturing sectors," said Ambrose. "The Government of Canada is pleased to support a project that enables researchers, innovators and businesses to improve Manitoba’s productivity performance, create high-quality jobs and enhance our quality of life."

As Phase 2 and Phase 3 progress, the CRCC will combine all of the equipment and expertise from all organizations into one common lab space to be located at Smartpark, a research park at the University of Manitoba.

See NEW/P 3

### What’s in a room?

Thanks to a $280,000 gift from James Richardson International (JRI), Agricultural and Food Science students will benefit from a 21st century learning environment in a newly renovated “smart classroom.”

JRI partnered with the University of Manitoba to turn a 30 year-old classroom into “smart classroom.”

The 191 seat lecture hall, now named the James Richardson International Auditorium, in the Agricultural Research Building features internet access, along with a new audio-visual system, including an electronic podium with a computer, document camera, data projector and wireless microphones for the instructor. The room also received a facelift with new desks, carpets, ceilings and paint. The gift from JRI was used to help fund the classroom renovation.

It’s just one of a string of projects that JRI has contributed to at the University of Manitoba – the most significant being support the company gave to the Richardson Centre For Functional Foods and Nutraceuticals. But in some ways the refurbishment of the classroom has been a more intimate project – bringing the company into direct contact with the students who will be its future employees.

"JRI’s relationship with the University of Manitoba has always been strong and we continue to support the great agriculture programs because the students who learn in these classrooms are our next generations of agronomists, biosystems engineers and plant biotechnologists,” said Curt Vossen, president of JRI. “We want to help give them the best learning environment possible.”

A classroom of students took part in the room’s opening ceremony and Vossen used the opportunity to speak directly to them. He said they’re in the right place at the right time.

“Last year, we celebrated our 150th anniversary as a company,” Vossen said. “And it’s amazing that in such an old business like agriculture that you can see so many changes taking place today.”

See JRI/P 2
JRI sees future in agriculture

From Page 1

“AgriTech” had taken its humps over the last 20 or 30 years, but Vossen said the industry is growing – demand is finally matching supply and the focus on the potential of agricultural products as both alternative fuels and health-promoting nutraceuticals has changed the way the world thinks about the industry.

“I would say to you that this business is cooking. This industry is hot,” Vossen said. “I encourage you to work hard and get your degrees, because our biggest limitation as a company and industry is not a lack of potential ideas, it’s a lack of people.”

“So my message to you is ‘Welcome, and hurry up and join us’,” he added.

President Emílie Szathmáry said JRI’s support gives the students the home they need to prosper.

“We believe it is important for our students to have a top quality learning environment,” Szathmáry said. “We are grateful to JRI for its support. The University of Manitoba is a centre of agricultural innovation and this investment in the university is really an investment in our students and in the future of the province.”

The JRI Auditorium is used for degree and diploma classes in plant science, animal science, food science, agrisbusiness and it is the main site for the annual Manitoba Agronomists Conference, held every December for industry and government agronomists.

JRI President Curt Vossen was on hand to officially open the James Richardson International Auditorium and tell students that there’s plenty of opportunities in agriculture.

The space was and originally built as an auditorium in 1956, the Faculty of Agricultural and Food Science’s 50th anniversary, and funded through contributions by graduates. It was converted into a classroom in 1979. The most recent renovations began in 2006, the faculty’s centennial year, with major renovations taking place over the past two summers because the room is used extensively over the school term.

James Richardson International (JRI) president Curt Vossen was on hand to officially open the James Richard-son International Auditorium and tell students that there’s plenty of opportunities in agriculture.

DEAN
FACULTY OF SOCIAL WORK

The Mission of the University of Manitoba is to create, preserve and communicate knowledge, and thereby, contribute to the cultural, social and economic well-being of the people of Manitoba, Canada and the world. The Faculty of Social Work has as its goal to become one of the outstanding social work programs in Canada with respect to research, quality education, community service, and the accomplishments of its graduates.

The Dean is a member of the senior administration of the University and is responsible for the leadership and management of the Faculty. S/he will provide pro-active leadership, with a vision that envisions the Faculty’s advantages and potential, its dual focus on clinical and policy areas, with a balanced commitment to teaching, research, service, outreach and practice in the context of Manitoba’s research-intense university.

The ideal candidate will bring a MSW and PhD as well as a distinguished record in university teaching, research and service, and be a Professor with tenure or eligible to be appointed at that rank. S/he should have familiarity with how Faculties of Social Work operate, with academic and clinical issues, and with administration in areas such as space planning, governance, human resources management, budgeting, fund raising, educational technology, student life, and relations within the university, in the community and with government. Experience working with Aboriginal populations would be an asset.

This is a challenging opportunity to play a leadership role in a first class University.

All qualified candidates are encouraged to apply: however, Canadian and permanent residents will be given priority.

The University of Manitoba encourages applications from all qualified women and men including members of visible minorities, Aboriginal peoples and persons with disabilities.

Should you want to learn more about this unique leadership opportunity, contact Maureen Maclean, Kelly Baron or Libby Dybkowsk at (604) 913-7768 or forward your CV, a letter of introduction and the names of three referees, in confidence, to Provence Consulting Inc.

search@provenceconsulting.com

We will communicate with all who express interest.

The Bulletin
University of Manitoba

The Bulletin is the newspaper of record for the University of Manitoba. It is published by the Public Affairs department every second Thursday from September to June and monthly in December, July and August.

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

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

Editor/Advertising/Production
Dale Barbour
Phone: 474 8111
Fax: 474 7631
E-mail: barbourd@ms.umanitoba.ca

Academic Advertising
Kathy NZiolo
Phone: 474 7195
Fax: 474 7505
E-mail: kathy_nziolo@umanitoba.ca

Printing
Derksen Printers

This issue’s contributors: Tamara Bodi, Bob Talbot, Sean Moore, Chris Ru-kowski

Schedule
Issue Date: Feb. 7
Copy/advertising deadline: Jan. 30

Issue Date: Feb. 21
Copy/advertising deadline: Feb. 13

Return undeliverable copies with Canadian addresses to:
The University of Manitoba Bulletin
157 Education Building,
University of Manitoba,
Winnipeg, MB R3T 2N2
Phone: (204) 474 8111
Fax: (204) 474 7631

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

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

The Bulletin can be viewed online at bulletin.umanitoba.ca
A group of University of Manitoba researchers who have received over $1.89 million in funding from the Canada Foundation for Innovation’s (CFI) Leaders Opportunity Fund were recognized on Jan. 16 by CFI with the presentation of certificates by Winnipeg South Member of Parliament Rod Bruneau.

“We can say with conviction that Canada has become a place where world-class researchers want to be,” CFI president and CEO Eliot Phillpston said in the run up to the event. “CFI investments at the University of Manitoba are helping to further develop Canada’s global reputation as a place where outstanding research and training is being conducted.”

The research projects span a broad range of disciplines, including: advanced physics, microbiology, immunology, HIV, animal biology, earth sciences, cardiology, life sciences, biochemistry, materials science and technology, music, physical chemistry, and infectious and parasitic diseases.

“The Government of Canada recognizes strategic internationally, like the University of Manitoba,” said MP Rod Bruneau. “Guided by our Science and Technology Strategy, released last May by Prime Minister Harper, we are dedicated to support research and development and to promote innovation to improve Canada’s productivity performance; create high-quality jobs and enhance Canadians’ quality of life.”

The fourteen researchers being recognized today are rising stars or current leaders in their fields of research and are examples of the high calibre of research being conducted at the University of Manitoba. CFI’s investment is welcome news as it is key to our acquiring the advanced facilities that are needed to conduct cutting-edge research,” said vice-president (research) Joanne Kesselman.

The Leaders Opportunity Fund is an ongoing program designed to assist universities in attracting excellent faculty to Canadian institutions, as well as retaining the very best of today and tomorrow’s leading researchers for Canada.

The researchers being recognized included: Silvia Calafate, microbiology, Cindy Ellison, pathology, Norman Halden, geological sciences; Sam Kam-Pun Kung, immunology, Can-Ming Hu, physics and astronomy, Peter Loewen, microbiology, Oluwaseun Ojo, mechanical and manufacturing engineering, Jennifer conn Wijngaard, chemistry, Xiao-Jian Yao, medical microbiology, E. Gary Anderson, biological sciences; Michael Gericke, physics and astronomy; Davinder Jassal, international medicine; Johan van Lierop, physics and astronomy; Orjan Sandred, music.

Twice as many medical students at the University of Manitoba will learn in a global community thanks to a $1 million donation from Husky Energy. The endowed gift doubles the size of the university’s existing medical student and faculty exchange program with partnering universities in China.

The Husky Energy Medical Exchange Program gives four and from Manitoba and four from China a chance to spend three to eight weeks visiting each other’s country every year.

I am very pleased that Husky Energy’s commitment will provide opportunities for doctors to gain hands-on experience,” says John C.S. Lau, president and CEO of Husky Energy: “The University of Manitoba recognizes the need to prepare its medical students and researchers to work in an interdependent world. This program is a great example of our commitment to state educational opportunities for students in universities in Canada and China.”

Students involved in the Husky Energy Medical Exchange Program will take elective courses and receive hands-on experience in patient care, while faculty exchanges will help build English-language medical curricula in China.

“Cross-cultural learning for physicians and clinical researchers is more than gaining expertise and familiarity with each other’s medical education programs. These international experiences help students and faculty grow academically and professionally, which is crucial to building global literacy and global citizenship,” says president Emöke Szathmáry.

Husky’s contribution augments the university’s current exchange program, where since 2002, 15 students from Manitoba and China have spent three to eight weeks at their host universities for medical elective courses.

Chinese students have taken courses such as emergency and family medicine in Canada, and Canadian students have studied traditional Chinese medicine and acupuncture in China.

Twice as many medical students at the University of Manitoba will learn in a global community thanks to a $1 million donation from Husky Energy. The endowed gift doubles the size of the university’s existing medical student and faculty exchange program with partnering universities in China.

The Husky Energy Medical Exchange Program gives four and from Manitoba and four from China a chance to spend three to eight weeks visiting each other’s country every year.

I am very pleased that Husky Energy’s commitment will provide opportunities for doctors to gain hands-on experience,” says John C.S. Lau, president and CEO of Husky Energy: “The University of Manitoba recognizes the need to prepare its medical students and researchers to work in an interdependent world. This program is a great example of our commitment to state educational opportunities for students in universities in Canada and China.”

Students involved in the Husky Energy Medical Exchange Program will take elective courses and receive hands-on experience in patient care, while faculty exchanges will help build English-language medical curricula in China.

“Cross-cultural learning for physicians and clinical researchers is more than gaining expertise and familiarity with each other’s medical education programs. These international experiences help students and faculty grow academically and professionally, which is crucial to building global literacy and global citizenship,” says president Emöke Szathmáry.

Husky’s contribution augments the university’s current exchange program, where since 2002, 15 students from Manitoba and China have spent three to eight weeks at their host universities for medical elective courses.

Chinese students have taken courses such as emergency and family medicine in Canada, and Canadian students have studied traditional Chinese medicine and acupuncture in China.

Husky Energy boosts exchange program

Get to Know Research AT YOUR UNIVERSITY SPEAKER SERIES

Dr. Samar Safi-Harb
Associate Professor; Department of Physics and Astronomy
Canada Research Chair in Supernova Astrophysics

Supernova Explosions: The Hunt for the Extreme in the Invisible Sky

Supernova explosions are among the most energetic explosions in the universe, witnessing the death of massive stars and leaving behind compact and highly magnetic stars called neutron stars—stars with a surface hotter than millions of degrees and a magnetic field exceeding the Earth’s a trillion-fold or more!

For Dr. Safi-Harb, one of Canada’s leading high-energy astrophysicists, the remnants of supernova explosions represent perfect laboratories to hunt and study the physics of the extreme as well as the origin of the elements essential for life.

Come out and learn about this fast-growing and fascinating field in astrophysics and enjoy looking at the sky with truly energetic (a.k.a. X-ray) eyes!

Tuesday, January 29, 2008 at 7:00 pm
Smartpark Lobby Boardroom
University of Manitoba
135 Innovation Drive

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

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

Call 474-9949 to book an appointment.

The Bull

January 24, 2008
**Your university life can begin at 50**

Thanks to the It’s My Future campaign, students and alumni at the University of Manitoba are telling their stories to the world. Over the next few weeks, The Bulletin will be introducing the university’s online bloggers and giving you a glimpse of what is happening in their lives. To learn more, go to itsmyfuture.ca.

**MET PAMELA MASON**

Pamela Mason is in the second year of her master of arts degree. She’s studying cultural anthropology.

“I call myself a ‘born again’ Winnipegger,” says Pamela. “Someone who had to move away to appreciate everything this great city has to offer.” For Pamela, this meant going out-of-province for university, and establishing a successful career in public relations and fundraising. She came home three years ago when her dad was diagnosed with lung cancer.

During her job search a career counsellor suggested she go back to university part-time to “freshen up” her skills. Pamela decided to become a full-time graduate student in cultural anthropology and a part-time employee.

In both the Women’s Studies Program and the Labour Studies Program.

“I’m 60, single, living at home and going to school. Who would have thought?" she laughs. “Being able to attend university full time at this stage of my life – a chance to learn and do things I couldn’t do in my 40s and 50s when I was working and raising my kids.”

Pamela is currently developing her thesis proposal and will begin fieldwork in January. "My research looks at peacbuilding as a gendered process," she explains, "and how women around the world are gathering together to build a new culture of peace." After graduation she hopes to return to the workforce as an applied anthropologist.

As a mature student, Pamela, has never been out of place in the university environment. "In anthropology it’s all about what makes people ‘tick.’ I think my life experiences have a particular depth and context to classroom discussions, being exposed to the ideas of younger classmates as well as my professors stimulates my own thinking. It’s really exciting!

**2008**

January 15th, 2008

Well the first week of the winter term has come and gone and it was a predictably busy one in Labour and Women’s Studies. I’m sure it was the same for many of you!

On top of the usual admin work, this week we’re not looking for permission to take courses, instructors looking to change classrooms, paper deadlines are fast approaching and new graders/markers, TA’s and student research assistants, for submitting grade assignments … the list goes on! The proposal is aimed to help solidify the financial well being of the university by stabilizing enrollment and to help broaden its diversity by mixing international students with local students. Because it was a business arrangement signed between the university and a private company, the agreement was not sent to Senate for review or approval – a process that drew criticism from Senate members. Senate member Mark Gabbert said that the agreement should have been vetted by Senate as the academic governing body of the university. There were also questions raised over whether the university through the University Act, has control over the terms 'college' and "Manitoba."

Some senate members also questioned how close the relationship would be between the university and the college and whether the international students attending Navitas would have access to the same safety nets and programs available to students attending the U of M. Kerr said Navitas has a good track record of guiding its students to graduation, but the rate of student success would be the same for all the university would keep an eye on.

"And if we were to see the students coming in and not being successful then we would have to reconsider the program," Kerr said.

While the agreement has been signed and sealed for now, the students themselves who may not have to wait long. Kerr said Navitas has a good track record of guiding its students to graduation, but the rate of student success would be the same for all the university would keep an eye on.

"And if we were to see the students coming in and not being successful then we would have to reconsider the program," Kerr said.

While the agreement has been signed and sealed for now, the students themselves who may not have to wait long. Kerr said Navitas has a good track record of guiding its students to graduation, but the rate of student success would be the same for all the university would keep an eye on.

"And if we were to see the students coming in and not being successful then we would have to reconsider the program," Kerr said.

While the agreement has been signed and sealed for now, the students themselves who may not have to wait long. Kerr said Navitas has a good track record of guiding its students to graduation, but the rate of student success would be the same for all the university would keep an eye on.

"And if we were to see the students coming in and not being successful then we would have to reconsider the program," Kerr said.

While the agreement has been signed and sealed for now, the students themselves who may not have to wait long. Kerr said Navitas has a good track record of guiding its students to graduation, but the rate of student success would be the same for all the university would keep an eye on.

"And if we were to see the students coming in and not being successful then we would have to reconsider the program," Kerr said.

While the agreement has been signed and sealed for now, the students themselves who may not have to wait long. Kerr said Navitas has a good track record of guiding its students to graduation, but the rate of student success would be the same for all the university would keep an eye on.

"And if we were to see the students coming in and not being successful then we would have to reconsider the program," Kerr said.

While the agreement has been signed and sealed for now, the students themselves who may not have to wait long. Kerr said Navitas has a good track record of guiding its students to graduation, but the rate of student success would be the same for all the university would keep an eye on.
Kids’ asthma linked to mom’s stress

Mothers who are chronically stressed may unwittingly increase the likelihood of asthma in their children, according to a new study published by a University of Manitoba researcher.

In the study, conducted by Anita Kozyrskyj of the Faculty of Pharmacy, Children from stressed-out moms are more likely to have asthma than kids whose moms experience less stress, regardless of their income, gender or other asthma risk factors.

Kozyrskyj and her colleagues studied medical records of almost 14,000 children born in Manitoba in 1995 until the children were seven years old in 2003. After controlling for known risk factors, long-term maternal stress was associated with an increase of nearly a third in the prevalence of childhood asthma.

A curious finding from the study is that the risk of asthma associated with maternal stress was greater in high-income households or if there was more than one sibling in the household. Kozyrskyj suggests that these factors could contribute to asthma, whereas many of these will be absent in higher-income homes. This would thus over-emphasize the contribution of stress as a factor in the latter situation.

Kozyrskyj cautions that exactly how maternal distress causes asthma is not well understood. Depressed mothers are more likely to smoke and less likely to breastfeed — actions which are associated with the development of asthma. However, research has also suggested that depressed mothers are also less likely to interact with their infants. In animals, a mother’s decreased attentiveness affects an infant’s stress and immune response.

“Our findings may be limited to more severe depression and anxiety,” said Kozyrskyj. “We plan to do further studies linking health care records and public health nurse assessments of depression and anxiety. This will enable us to assess the effects of less severe depression and anxiety during the postpartum period.”

The findings appeared in the American Journal of Respiratory and Critical Care Medicine.

Romans, eco-eating, and “red medicine”

U of M and SSHRC grants support research and projects

THE FOLLOWING PEOPLE RECEIVED AWARDS IN THE OCTOBER 15, 2007 COMPETITION OF THE UNIVERSITY RESEARCH GRANTS PROGRAM AND THE UM/SSHRC RESEARCH GRANTS AND TRAVEL GRANTS PROGRAMS:

<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
<th>Project Title</th>
<th>Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>D. Brownridge</td>
<td>Family Social Sciences</td>
<td>Patriarchy and violence against women: An exhaustive literature review and development of a new measure</td>
<td>$5,125</td>
</tr>
<tr>
<td>T. Chen</td>
<td>History</td>
<td>Negotiating legal and personal citizenship: Chinese-Burmese and racialized regulation of the China-Burma border during the Pacific War</td>
<td>$6,994</td>
</tr>
<tr>
<td>G. McCabe</td>
<td>Education</td>
<td>A study of aboriginal men’s healing programs and services</td>
<td>$6,921</td>
</tr>
<tr>
<td>M. Moisy</td>
<td>Psychology</td>
<td>The influence of social comparison and attachment styles on relationship judgments</td>
<td>$6,756</td>
</tr>
<tr>
<td>L. Tromly</td>
<td>English</td>
<td>Bereavement tourism and Asian American travel writing</td>
<td>$3,448</td>
</tr>
<tr>
<td>Applicant</td>
<td>Department</td>
<td>Project Title</td>
<td>Award</td>
</tr>
<tr>
<td>T. Anna</td>
<td>History</td>
<td>The Pronunciation in Independent Mexico</td>
<td>$1,500</td>
</tr>
<tr>
<td>E. Judd</td>
<td>Anthropology</td>
<td>Humanity, Development and Cultural Diversity 16th Congress of the International Union of Anthropological and Ethnological Sciences</td>
<td>$1,500</td>
</tr>
<tr>
<td>N. Piquemal</td>
<td>Education</td>
<td>Paris International Conference on Education, Economy and Society</td>
<td>$1,500</td>
</tr>
<tr>
<td>T. Roskiho</td>
<td>Interior Design</td>
<td>The Centre for the Study of Architecture in the Arab Region (CSAR 2007)</td>
<td>$1,500</td>
</tr>
<tr>
<td>K. Sonpar</td>
<td>Business Administration</td>
<td>Workshop on Health Management and Organization: Patient Centered Care</td>
<td>$1,500</td>
</tr>
<tr>
<td>M. Steglys</td>
<td>School of Art</td>
<td>Art of Transculturation: Colonial Artists, Borders and Encounters</td>
<td>$850</td>
</tr>
<tr>
<td>N. Suboticin</td>
<td>Architecture</td>
<td>Sign of the Times? The future of psychoanalytic literary &amp; cultural criticism in change paradigms</td>
<td>$1,500</td>
</tr>
<tr>
<td>Applicant</td>
<td>Department</td>
<td>Project Title</td>
<td>Award</td>
</tr>
<tr>
<td>R. Arora</td>
<td>Surgery-Cardiac Sciences</td>
<td>The effect of angiotensin-converting enzyme inhibitors on the expression of neuromodulators in the failing heart</td>
<td>$7,500</td>
</tr>
<tr>
<td>A. Bekker</td>
<td>Geological Sciences</td>
<td>Chemostratigraphy of the early Paleoproterozoic carbonate and siliciclastic successions in Brazil and Uruguay: A key to the understanding of early Paleoproterozoic environmental changes and mineral exploration</td>
<td>$5,010</td>
</tr>
<tr>
<td>D. Campbell</td>
<td>Psychiatry</td>
<td>An MRI study of PTSD, emotional processing, and psychotherapy</td>
<td>$7,258</td>
</tr>
<tr>
<td>P. Chekchik</td>
<td>Oral Biology</td>
<td>Biochemical characterization of integral membrane protein tetrapain CD8</td>
<td>$7,500</td>
</tr>
<tr>
<td>J. Chlup</td>
<td>Classics</td>
<td>Political autonomy and resistance in the Roman Middle East, 60 20 280 CE</td>
<td>$7,000</td>
</tr>
<tr>
<td>S. Clark</td>
<td>Civil Engineering</td>
<td>Large scale circulation and water mass movements on Lake Winnipeg</td>
<td>$7,500</td>
</tr>
<tr>
<td>M. Grootete</td>
<td>Psychology</td>
<td>Travel-related illnesses in Canadian children</td>
<td>$5,000</td>
</tr>
<tr>
<td>J. Forsyth</td>
<td>Kinesiology and Rec</td>
<td>Understanding Aboriginal female experiences in Canadian sport</td>
<td>$2,862</td>
</tr>
<tr>
<td>E. Frost</td>
<td>Pathology</td>
<td>Myelin gene expression in a mouse model of Rett Syndrome</td>
<td>$5,288</td>
</tr>
<tr>
<td>W. Fung</td>
<td>Electrical and Computer</td>
<td>Development of language-independent learning aids system for spoken language learning</td>
<td>$7,500</td>
</tr>
<tr>
<td>M. Gerics</td>
<td>Physics</td>
<td>Light production in synthetic quartz from low energy neutron capture</td>
<td>$7,500</td>
</tr>
<tr>
<td>R. Guldien</td>
<td>Plant Science</td>
<td>Role of soil water potential in seedbank dynamics of weeds</td>
<td>$7,000</td>
</tr>
<tr>
<td>R. Jameson</td>
<td>Psychology</td>
<td>Applying basic research in categorization to the applied domain of clinical diagnosis</td>
<td>$7,500</td>
</tr>
<tr>
<td>E. Jones</td>
<td>History</td>
<td>“Red medicine: Transnational health politics in interwar Canada”</td>
<td>$4,490</td>
</tr>
<tr>
<td>H. Joo</td>
<td>English</td>
<td>Globalization as disaster: Racial anxieties in Octavia Butler’s Parable of the Sower (1993) and Parable of the Talents (1997)</td>
<td>$4,976</td>
</tr>
<tr>
<td>S. Liu</td>
<td>Textile Sciences</td>
<td>Self-assembly of biocidal microcapsules on wound dressing materials</td>
<td>$6,391</td>
</tr>
<tr>
<td>A. Major</td>
<td>Electrical and Computer</td>
<td>Accurate design and modeling of high power ultrashort pulse laser sources</td>
<td>$8,600</td>
</tr>
<tr>
<td>B. Mallin</td>
<td>Psychology</td>
<td>Examining the form, content and utility of school psychology reports</td>
<td>$6,000</td>
</tr>
<tr>
<td>R. Marrie</td>
<td>Internal Medicine</td>
<td>Multiple Sclerosis in Manitoba: validating a health insurance data case definition</td>
<td>$6,676</td>
</tr>
<tr>
<td>M. Medved</td>
<td>Psychology</td>
<td>Strategies of active adaptation in native women’s narrative accounts of cardiovascular disease</td>
<td>$7,489</td>
</tr>
<tr>
<td>R. Milgrom</td>
<td>City Planning</td>
<td>Slow growth vs. the sprawl machine: Mapping social impacts, Winnipeg, Manitoba</td>
<td>$7,500</td>
</tr>
<tr>
<td>E. Milgrom</td>
<td>Faculty of Nursing</td>
<td>How parents with children with special needs perceive their parenting experience</td>
<td>$4,800</td>
</tr>
<tr>
<td>S. Nunoda</td>
<td>School of Art</td>
<td>Sonnamulтельный: An immersive installation incorporating sculpture and digital video projection</td>
<td>$4,561</td>
</tr>
<tr>
<td>O. Ojo</td>
<td>Mechanical and Manufact</td>
<td>Transient liquid phase bonding of commercial pure nickel</td>
<td>$7,420</td>
</tr>
<tr>
<td>F. Pazzaglia</td>
<td>Accounting and Finance</td>
<td>Why are Canadian firms reluctant to raise capital through seasoned equity offerings?</td>
<td>$6,592</td>
</tr>
<tr>
<td>T. Peter</td>
<td>School of Social Work</td>
<td>Investigating mental illness and stigma among university students</td>
<td>$7,296</td>
</tr>
<tr>
<td>C. Rideout</td>
<td>Human Nutritional Sciences</td>
<td>Development of the eco-eating program for nutritional education: Linking nutrition and sustainability for personal and planetary health</td>
<td>$7,456</td>
</tr>
<tr>
<td>M. Sharoff</td>
<td>Faculty of Law</td>
<td>Advances in biomedical gerontology and the developing law of human mortality</td>
<td>$7,477</td>
</tr>
<tr>
<td>K. Sonpar</td>
<td>Business Administration</td>
<td>How do firms justify deviant decisions?</td>
<td>$6,850</td>
</tr>
<tr>
<td>J. Sorensen</td>
<td>Chemistry</td>
<td>The purification of new natural products from a plant colonizing fungus</td>
<td>$6,801</td>
</tr>
<tr>
<td>K. Stegkzyk</td>
<td>Psychology</td>
<td>The gliss half full: Support for reparations depends on perceived potential benefit</td>
<td>$6,801</td>
</tr>
<tr>
<td>L. Storley</td>
<td>Medicine</td>
<td>Living donor kidney transplantation among Manitoba Aboriginals</td>
<td>$4,600</td>
</tr>
<tr>
<td>B. Temple</td>
<td>Faculty of Nursing</td>
<td>The health of mothers of children with Autism</td>
<td>$4,800</td>
</tr>
<tr>
<td>C. Van Winkle</td>
<td>Recreation Management</td>
<td>Learning transfer from tourism experiences: Understanding the visitor’s perspective</td>
<td>$6,984</td>
</tr>
<tr>
<td>D. Weihrauch</td>
<td>Biological Sciences</td>
<td>Molecular identification of rib-like ammonia transporters in annelids</td>
<td>$7,397</td>
</tr>
<tr>
<td>W. Zhong</td>
<td>Textile Sciences</td>
<td>Implementation of the research for electropinning and formation of nanofibres</td>
<td>$7,500</td>
</tr>
</tbody>
</table>

Total: $230,021

NOTE: The October competition is restricted to new staff.
The Bull corporations are demanding a free hand for business. The pendulum has swung from having more control over the free market to today’s neo-liberal world where increasingly conservative economists and corporations are demanding a freer hand for business. Economists professors Robert Chernomas, left, and Ian Hudson are challenging the new-liberal gospel in their new book Social Murder: And Other Shortcomings of Conservative Economics. "The myth of the conservative economic theories is that if left to its own devices the corporate world will provide a fair and just and efficient society," Hudson said. "What we've tried to do is reveal that for a horribly damaging myth. It's a myth on a number of fronts and the most obviously disastrous front is that it kills people." Freethinking Engels coined the term social murder in the 19th century to describe the abhorrent conditions of the British working class being subjected to and denouncing working class people access to proper food, water and sanitary conditions, the business class was doing the equivalent of taking 20,000 to 30,000 children, and simply executing them. Since then, the pendulum has swung from having more control over the free market to today’s neo-liberal world where increasingly conservative economies and corporations are demanding a freer hand for business. Chernomas argues that granting that freer hand does not benefit the people who have to live under it, over the past half century.

Other examples in the book include a look at the (Enron) energy crisis in California that led to rolling blackouts in 2000 and 2001. Hudson and Chernomas put the blame on private industry, which created the crisis to increase corporate profits, and then called for more deregulation in the industry in order to cut environmental laws and regulations that reduced profit levels. But if the corporate world isn't perfect, the dynamic competition of the capitalist system has at least been responsible for the plethora of products that people get to use today. Well, more often than not, no. Products such as maxi-pads, deer bug repellent, disposable diapers and frozen foods were actually created by the Agricultural Research Services of the U.S. government and then turned over to private enterprise to profit on. Similarly, Chernomas argues that 76 per cent of the most effective drugs created in the United States can trace their roots back to government agencies, rather then private enterprise. U.S. public funding was directly responsible for the Internet, jet engines, microwave ovens, lasers, computers, and much more. Social Murder tackles economic questions, but it's intended to be a book that anyone – whether a student or just a curious reader – can pick up and understand. We've tried to stay away from jargon, and explain things without using the language of the economist,” Chernomas said. Chernomas’s research interest is in public health, while Hudson studies income inequality. The idea behind Social Murder is something Chernomas has been mulling over for sometime and when he pitched the concept to Hudson it didn’t take long for the two of them to form a partnership.

THE RUDY FALK CLINICIAN SCIENTIST AWARD
FACULTY OF MEDICINE
The Faculty of Medicine of the University of Manitoba invites applications from individuals as candidates for the Rudy Falk Clinician Scientist Award, to take effect between July 1, 2008 - December 31, 2008. The intent of the award is to foster the development of clinician scientists in Canada who are committed both to their patients and basic investigation.

The Award was established in memory of Rudy Falk and two of his patients, John F. Bassett and Bruce Beauchamp, to commemorate his contributions to medical research and to his patients. Rudy Falk was an oncologist and scientist with a lengthy list of achievements, and awards during his distinguished career. He was a skilled surgeon, winning the Lister Prize for his surgical skills, and a committed and compassionate doctor to his patients. He was a dedicated scientist and was honoured as a Career Investigator with the Medical Research Council of Canada. He was a gold medalist at the University of Manitoba, first director of the Goldie Romonan oncology unit at Toronto General Hospital, professor at the University of Toronto, and director of the Falk Oncology Center.

The Award will contribute to the salary and benefits of the person duly appointed as the Clinician Scientist, support the scholarly activities of the incumbent, and support any other activities that are consistent with the Basset, Beauchamp, Falk Clinician-Scientist Fund.

The recipient of the Award shall be known as the “Rudy Falk Clinician-Scientist” and shall so identify himself or herself in all correspondence, communications or publications where a title is used.

To be eligible for consideration applicants for the Award must be in the first three (3) years of their appointment as an Assistant Professor in their University. The criteria for selection shall include demonstrated academic and clinical excellence; scientific and clinical merit of the program of research proposed by the candidate; and the candidate's likely competitiveness in seeking extramural funding.

The Award is given for a period of three years. It may not be held concurrently with another personal career award and is not renewable.

The Award consists of a contribution to the awardee’s salary of $70,000 per annum during the three year term. Successful candidates are expected to devote at least 75% of time to research. Physician applicants must be registered with the College of Physicians and Surgeons of Manitoba. The recipient will receive a contingent appointment at the rank of Assistant Professor.

The University of Manitoba encourages applications from qualified woman and men, including members of visible minorities, Aboriginal peoples and persons with disabilities. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

Applications shall use the CIHR New Investigator Award application form, which consists of a CV Module and a Research Module. The original, plus 5 copies of the application, with three supporting letters including one from the appropriate University of Manitoba Department or Section Head, must be submitted no later than March 15, 2008 to:

Dr. Dean Sandham, Dean, Faculty of Medicine
University of Manitoba
260-727 McDermot Avenue
Winnipeg, Manitoba R3E 3P5

Application materials, including letters of reference, will be handled in accordance with the Freedom of Information and Protection of Privacy Act (Manitoba).

THE UNIVERSITY OF MANITOBA POLITICAL STUDIES STUDENTS’ CONFERENCE (PSSC) seeks to engage students, leading academics, and the public in an open forum and debate on political issues.

The 24th annual conference, titled Arctic Security: Challenges and Options, will be held Jan. 30 through to Feb. 1 at the Great Hall, University College.

This year’s conference will bring together 18 speakers on six panels to explore some of the more salient contemporary challenges facing Canada’s Arctic security and defence.

The panels are: “Conceptualization of the challenges facing the militarization of the Arctic,” Circumpolar Affairs and International Issues,” “The New Geopolitics of the North,” “Canadian Sovereignty and National Interests,” “Defending Canada’s North: Arctic Border Issues, and “Canadian and American Military Co-operation in the Arctic.”

A question period will follow each panel to allow audience members to interact with the presenters.

The conference is organized into several panels that each discuss a particular topic relevant to the conference’s theme. This year’s conference feature six panels that will discuss topics surrounding Arctic security and defence. It will include topics such as Defining Arctic Security and Defence, Circumpolar Affairs and International Issues, The New Geopolitics of the North, Canadian Sovereignty and National Interests, Defending Canada’s North: Arctic Border Issues, and Canadian and American Military Co-operation in the Arctic.

More information available at www.umpssc.ca.
The candles are lit and the party has begun! 2008 marks the 50th Anniversary Year of the Faculty of Dentistry at the University of Manitoba and celebrations are underway. On Feb. 1, a gala celebration will take place at the Fairmont Winnipeg. The celebrations are part of faculty dean Anthony M. Iacopino’s plan to make the Faculty of Dentistry and School of Dental Hygiene more internationally competitive.

“This is the first step in our climb to prominence in our profession,” Dean Iacopino said. “Our commitment is to establish the University of Manitoba as one of the top five dental schools in North America. … I had never given much thought to becoming a scientist or an engineer, and quite frankly, had no idea what careers in those sorts of fields entailed.”

Last year alone WISE gave workshops and offered camps to nearly 20,000 children across Manitoba, says WISE program manager Colleen Flather. At the time of WISE’s inception, a Government of Manitoba study found that girls comprised less than 25 per cent of physics classes in the province.

“WISE is also a popular resource among Manitoba teachers, and develops all its workshops and camps in conjunction with the Manitoba School Science Curriculum and is tailored to each grade level.”
The Richard Condie: Aarrgg!! exhibition at Gallery One One One will include his most famous work, The Big Snit.

The Big Snit was nominated for both an Oscar and a Genie, and has won 16 international awards. Following the success of The Big Snit, Condie released The Apprenticeship in 1991. Richard Condie completed La Salla, his first S-D computer animation, in 1996.
Medical art show is a lesson in humility

The University of Manitoba’s Sev- enth Annual Medical Art Show continues to allow students to explore the humanistic side of medicine through art. This year’s chosen theme is The Art of Innocence: Children in Medicine. Through a wide variety of medium, medical students will explore how pediatric patients (and their families) experience, understand, and are affected by disease. They will examine how we as a society understand and respond when illness affects a child. Most of these students are trying to see through another’s eyes or explore someone else’s experience. Some may be sharing out of their own experience. The students who create pieces for the show seek to gain a better understanding of the impact of illness on their future patients, and they are willing to share their insights with the rest of us.

As future physicians, students must acknowledge with humility the responsibil- ity that is upon them to diagnose and effectively treat the patient, not simply the disease. Currently, students are seeking to build upon what constitutes compe- tence, compassionate, and consistent care of children in healthcare. Through art, students are able to explore the emotional, physical, and spiritual aspects of illness on children.

This year, the show will be held during the week of Feb. 4 to 8 in the Brodie Centre Atrium. The Faculty of Medicine invites members of the community to attend the opening night of the exhibition on Monday, Feb. 4 at 6:30 p.m. in the Brodie Centre Atrium. Please join us as we take a closer look at children in medicine through poetry, painting, and sculpture.

Monday, January 28
Infectious Diseases and Medical Microbiology. Overcoming antibiotic resistance: Structure-guided design of selective inhibitors targeting the AmpC Beta-lactamase induction pathway by Brian Mark, 540 Basic Medical Sciences Building, 9 a.m., Monday, Jan. 28.

Thursday, January 31
Immunology. Overcoming antibiotic resistance: Structure-guided design of selective inhibitors targeting the AmpC Beta-lactamase induction pathway by Brian L. Mark, assistant professor, department of microbiology, Immunology Library 604/605 Basic Medical Sciences Building, 12 p.m., Thursday, Jan. 31.

Thursday, February 7
Immunology. Pathogenesis of the 1918 pandemic influenza virus by Darwyn Kobasa, National Microbiology Laboratory, Public Health Agency of Canada, Immunology Library 605 Basic Medical Sciences Building, 12 p.m., Thursday, Feb. 7.

Wednesday, February 13
Medicine: Bench To Bedside Rounds. Influenza, Let’s Get a Grippe! From Research to Practice and Back Again by Teresa Cavett, and Kevin Coombs, professor, medical microbiology, Theatre A Basic Medical Sciences Building, 12 p.m., Wednesday, Feb. 13.
**Events Listing**

**WEDNESDAY, FEBRUARY 4**

**Soil Science, Can soil carbon increase in one season in oat plots?** by Hida Manns, graduate student, department of soil science, 344 Ellis Building, 12:30 p.m., Wednesday, Feb. 6.

**THURSDAY, FEBRUARY 7**

**Advanced Plant Science Seminar Series, Functional vs Dysfunctional Foods: Crossing the Thin Line by Peter Jones, director, Richardson Centre, Carolyn Silton Lecture Theatre, Agriculture Building, 3:30 p.m., Thursday, Feb. 7.

**FRIDAY, FEBRUARY 8**

**Elizabeth Dafoe Library Graduate Student Lectures, Monstrous Corporality and the Spectre of Unsanctioned Sexuality: Drawing the Line at the ‘Flesh and Blood’ Women in Dracula by Sheila Simonson, English, Iceland Board Room, Third Floor, Elizabeth Dafoe Library, 12:30 p.m., Friday, Feb. 8.

**ACADEMIC JOB OPPORTUNITIES**

**FACULTY OF MEDICINE**

**Department of Clinical Health Psychology**

Position: Clinical Psychologist at the Assistant Professor level based in Flin Flon

Start date: May 1, 2008

Salary: An attractive salary schedule is available and, in addition, the GTF agreement provides for on-site private practice opportunities.

Application deadline: Feb. 11

Position number: AEA 292

For information: Dr. Bob McIlwraith, department of clinical health psychology, Faculty of Medicine, University of Manitoba, PZ 350 - 771 Bannatyne Ave., Winnipeg, MB R3E 3N4, phone 787 8576, fax 787 3755, e-mail: bmclwilrath@hsbc.mb.ca.

**Department of Internal Medicine**

Section of Cardiology

Position: Nuclear cardiologist

Start date: April 1

Salary: Commensurate with experience and academic qualifications

Application deadline: Feb. 29

Position number: 03787

For information: Dr. James Tam, head, section of cardiology, Room V3015-B, St. Boniface General Hospital, 409 Tache Avenue, Winnipeg, MB, R2H 2A6, e-mail: JTam@shgh.mb.ca.

**Department of Community Health Sciences**

Position: Research scientist in Fetal Alcohol Spectrum Disorder (FASD).

Salary will be fixed at $54,000 plus increments.

Application deadline: Feb. 29

For information: Dr. Bob McIlwraith, department of clinical health psychology, Faculty of Medicine, University of Manitoba, PZ 350 - 771 Bannatyne Ave., Winnipeg, MB R3E 3N4, phone 787 8576, fax 787 3755, e-mail: bmclwilrath@hsbc.mb.ca.

**CLASSIFIED ADS**

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

Understanding the impact of saline soil

BY SEAN MOORE
Research Promotion

Given the breadth of the boreal forest, it is hard to believe aspects of its plant life have been overlooked in the past, but they have been.

Plant Physiologist Sylvie Renault, however, has turned a keen eye towards this northern forest. She’s investigating salt toxicity and salt tolerance in the woody plants of the boreal forest, a previously ignored area of study.

To be sure, Canada does not have swathes of saline rich soils like Australia and India, but the Prairie Provinces alone have around one million hectares of land affected by salinity that limits plant growth. This salinity problem has been aggravated by mining activities in places like Alberta’s oil sands, which produce saline tailings.

How, and if, global warming will change salinity levels is unknown. Decrease periods could increase the problem by concentrating salts in the soil while increased precipitation could lead to a dilution of salts. Renault’s work will shed light on how certain plants adapt and grow in these conditions and what plants can be used to reclaim land lost to mining.

In a greenhouse, Renault examined how white and black spruce, tamarack, aspen and red-osier dogwood responded to sodium chloride and sodium sulfate, the salts found in mine tailings. Red-osier dogwood (Cornus stolonifera syn. Cornus sertulata) she found, was the most tolerant and has since become a focal point of her research.

Red-osier dogwood is interesting because its a subspecies of the most cold tolerant species. By being able to tolerate one type of stress, a plant is more likely to tolerate other stresses,” Renault said.

“We want to see if cold hardening (cold acclimation) of seedlings will improve salinity tolerance.

The relationship between freezing and salinity stresses stems from the fact that in both scenarios water is hard to get, creating a water stress. Renault is investigating whether such tolerant plants can modify cell wall and membrane structures, enabling them to absorb enough water to grow. She found that changes in shoot cell wall composition occurred in response to salt treatment. Further work will be undertaken to determine if these changes have a role in stress tolerance.

Red-osier dogwood was not, prior to Renault’s work, known to grow in salty soils but when she grew seeds from different locations – British Columbia, near Alberta mine sites, and New Brunswick – in a salty soil, the Alberta seeds showed the highest level of tolerance.

The wide distribution of red-osier dogwood across North America has led to the development of geographic races that develop differently in response to the environment,” Renault said, noting that she will soon investigate the adaptability of the Alberta plants that have undergone.

She is also studying the effects of adding calcium to a salty soil. Past literature suggests it’s beneficial and Renault’s lab found that calcium can reduce some effects of salt but it depends on the plant, the soil, the salt, and the environment.

The basic story of calcium’s effects is this. Transport proteins in the root determine what elements get absorbed. Salts are readily taken in, leaving beneficial elements like potassium and magnesium in the soil. Calcium could alter the functioning of transport proteins, making them more discerning and thereby reducing the nutrient deficiency salty soils usually cause.

“There is still a lot to learn. But we are getting closer to understanding some of the fundamentals of salt tolerance and toxicity,” Renault said.

Twinkle, twinkle, exploding star

BY SEAN MOORE
Research Promotion

People pay to see things explode on movie screens, but these pyrotechnic pops offer anemic entertainment when compared to the best bang-for-your-back explosions-supernovae.

Granted, movie theatres are closer to home than violently dying stars, but on January 29 Samar Safi-Harb, Canada Research Chair in Supernova Astrophysics, will bring the excitement of supernova to you in a free public lecture (details below).

Safi-Harb is an expert in supernova remnants (SNR) – the glowing gaseous remains supernova explosions leave behind. She studies them because they contain all the heavy elements life on Earth was built from; and because supernova explosions leave behind different types of neutron stars – the most exotic stars in the Universe.

“I am basically studying our origins,” she said.

So, how do we get here?

Nuclear reactions taking place in a star’s core maintain enough thermal pressure to resist the incessant crush of gravity. But when the fuel cascade stops, the star is suddenly left with an inactive iron core, which produces no thermal pressure.

Instantly, gravity forces the core’s electrons to combine with protons, forming neutrons, hence “neutron star.” Within seconds, this gravitational collapse releases more energy than the Sun will radiate over its lifetime.

The star, which was once bigger than Earth, is now 20 kilometers across. It is so dense a paper clip made from its material would outweigh Mount Everest. It can rotate hundreds of times per second and, if it becomes a subspecies of neutron star known as a magnetar, its magnetic field can be a thousand trillion times stronger than Earth’s.

For the SNR, its blast wave travels outward at 10,000 km/sec. It can be light years across, and millions of degrees Kelvin. It expands until it joins other interstellar gas, thus distributing its heavy elements across the universe.

“The main, fundamental question is what happens to massive stars when they explode? The answer is in the SNR. You can use x-ray information to peer into SNR and understand what the star was like before it exploded and how it will look like after its death,” Safi-Harb said.

Astronomers believe that one supernova should happen in our Galaxy every 50 to 100 years. But no supernova has been seen in it since 1680.

Our galaxy has over 300 SNR, a few dozen of which surround neutron stars or pulsars, called so because they pulsate light with admirable regularity.

That pulsars are found within SNR provides proof that supernovae produce them.

As for what SNR produce, well, they may be involved in the creation of mysterious high-energy particles called cosmic rays. But more work is needed.

“There are so many surprises in this field. It seems like most discoveries come as a surprise. But with each one, we get a better understanding of the fate of stars, and at the same time we think of new questions that drive more observations and theoretical work.”

If you want to be surprised, attend “Supernova Explosions: The Hunt for the Extreme in the Invisible Sky” at the next Get to Know Research at your University speaker series on Jan. 29. It starts at 7 p.m. in the Smarpark boardroom, located at 135 Innovation Drive. Admission is free and all are welcome. For more information please call 474-9020.

Research News is Published by the Office of the Vice-President (Research) Comments, submissions and event listings to: stefanini@msumanitoba.ca Phone: (204) 474-9020 Fax (204) 261-5475
The Bull
January 24, 2008

The challenge for occupational health coordinator Judy Shields isn’t just teaching people better techniques for doing their jobs – it’s training them out of the bad habits they’ve already acquired.

“It’s basically about re-educating people,” Shields said. “I look at what they’re doing and what we can do to make their work area better.”

Shields’ background includes working with New Flyer Industries and Maple Leaf Foods. At those companies, the focus was on industrial workers and creating a safe assembly-line floor.

At the University of Manitoba, physical plant workers can have similar concerns, depending on their jobs. But the majority of the university’s workers are, either in the move in the classroom or parked at a desk, and that means the challenge is dealing with muscular-skeletal problems such as carpal-tunnel syndrome.

Shields said there are tell-tale signs to watch for.

“If you’re in the same spot at the end of everyday you need to rethink what you’re and how you’re doing it,” Shields said. And if you need help assessing how to rethink your work habits, Shields is the one to contact.

“I’m happy to come out and look at a workstation and go over it with the user,” Shields said. An ergonomic assessment looks at everything from how a worker positions themselves in the office to how they type at their computer.

“Sometimes it’s the equipment that needs to be changed. Sometimes you just need to relearn some of the skills you’ve been using,” Shields said. For example, a lot of keyboards come with a cushioned pad at their base. It’s great for resting your hands on while you’re not typing, but Shields says it was never intended to support your hands while you’re working – using it for that, will throw off the angle of your hands and create a lot of strain.

However, if people are using their laptops as their full time computer, then they should buy a separate keyboard and keyboard tray so that they can type below the level of the laptop’s screen – the same as they would with a desktop computer.

Shields is also involved when a university employee needs to make a Worker’s Compensation Board claim. “We’re reminding people to think about what they’re doing when they do it,” Shields said. Even for people who are trained, there’s always days when they’re not at the top of their game and that’s when they’re most likely to get hurt doing taking the wrong approach to one of their regular tasks.

The Mission of the University of Manitoba is to create, preserve and communicate knowledge, and to contribute to the cultural, social and economic well being of the people of Manitoba, Canada and the world. The Faculty of Law is dedicated to educating law students in a progressive learning environment, conducting research in legal issues, and serving the legal profession and community as a source of knowledge and expertise. The Dean is a member of the senior administration of the University and is responsible for the leadership and management of the Faculty of Law. S/he provides pro-active leadership, with a vision that encompasses the Faculty’s advantages and potential, with a balanced commitment to teaching, research, service and practice in the context of Manitoba’s legal profession.

The University and is responsible for the leadership and management of the Faculty of Law. S/he provides pro-active leadership, with a vision that encompasses the Faculty’s advantages and potential, with a balanced commitment to teaching, research, service and practice in the context of Manitoba’s legal profession.

Candidates should be familiar with how Faculties of Law operate and with academic and professional issues.

This is a challenging opportunity to play a leadership role in a first class University. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Manitoba encourages applications from all qualified women and men, including members of visible minorities, Aboriginal peoples and persons with disabilities.

Should you want to learn more about this unique leadership opportunity, call Alex Verdecchia, Kelly Baron or Libby Dybikowski at (604) 913-7768 or forward your CV, a letter of introduction and the names of three referees, in confidence, to Provost Consulting Inc. search@provostconsulting.com

We will communicate with all who express interest.

The University of Manitoba has to sell, the more Manitobans will continue to enjoy lower rates. Selling the balance also allows those bordering states and provinces to enjoy cleaner electricity generated from coal and other fossil fuels.

However, while hydroelectricity generates fewer greenhouse gases (GHGs) compared to fossil fuel sources of electricity, it is not exempt from environmental impacts. One such impact is that when dams flood large areas of land, the submerged vegetation decomposes. When organic matter, in this case the brush and other vegetation, decomposes without air (anaerobically) it produces methane gas, a GHG that is 21 times more powerful than CO2. So, the less the University consumes, the greater the GHG savings!

To put this information in the context of the University of Manitoba’s GHGs from electricity use, if the University reduced total electricity consumption by 10 per cent a rough calculation demonstrates that the University could save over 150 tonnes of emissions! If office spaces only (roughly 11.8 per cent of total usable space on campus) reduced their consumption by 10 per cent (again, that’s shutting off your lights at the lunch hour!) the University of Manitoba could easily save over 17 tonnes of GHG emissions!

Tips to stay healthy

Working at a computer station? Here’s what you need to know.

• Never rest your wrists on any surface (including a wrist rest) while you type or mouse.
• There should be at least a 90 degree angle between you upper arm and forearm, while you type or mouse.
• Sit back into your chair. There should be at least a 110 degree angle between your back and legs.
• Get up every hour and stretch for 60 seconds!

Need some help figuring it out? Call occupational health coordinator Judy Shields at 474 6438.

A Day in the Life of an occupational health coordinator

BY DALE BARBOUR
The Bulletin

Photographs by Dale Barbour

The challenge for occupational health coordinator Judy Shields isn’t just teaching people better techniques for doing their jobs – it’s training them out of the bad habits they’ve already acquired.

“It’s basically about re-educating people,” Shields said. “I look at what they’re doing and what we can do to make their work area better.”

Shields’ background includes working with New Flyer Industries and Maple Leaf Foods. At those companies, the focus was on industrial workers and creating a safe assembly-line floor.

At the University of Manitoba, physical plant workers can have similar concerns, depending on their jobs. But the majority of the university’s workers are, either in the move in the classroom or parked at a desk, and that means the challenge is dealing with muscular-skeletal problems such as carpal-tunnel syndrome.

Shields said there are tell-tale signs to watch for.

“Sometimes in the same spot at the end of everyday you need to rethink what you’re and how you’re doing it,” Shields said. And if you need help assessing how to rethink your work habits, Shields is the one to contact.

“I’m happy to come out and look at a workstation and go over it with the user,” Shields said. An ergonomic assessment looks at everything from how a worker positions themselves in the office to how they type at their computer.

“Sometimes it’s the equipment that needs to be changed. Sometimes you just need to relearn some of the skills you’ve been using,” Shields said. For example, a lot of keyboards come with a cushioned pad at their base. It’s great for resting your hands on while you’re not typing, but Shields says it was never intended to support your hands while you’re working – using it for that, will throw off the angle of your hands and create a lot of strain.

However, if people are using their laptops as their full time computer, then they should buy a separate keyboard and keyboard tray so that they can type below the level of the laptop’s screen – the same as they would with a desktop computer.

Shields is also involved when a university employee needs to make a Worker’s Compensation Board claim. “We’re reminding people to think about what they’re doing when they do it,” Shields said. Even for people who are trained, there’s always days when they’re not at the top of their game and that’s when they’re most likely to get hurt doing taking the wrong approach to one of their regular tasks.

The University of Manitoba could easily allow the province to produce more electricity than they’ve already acquired.

“It’s basically about re-educating people,” Shields said. “I look at what they’re doing and what we can do to make their work area better.”

Shields’ background includes working with New Flyer Industries and Maple Leaf Foods. At those companies, the focus was on industrial workers and creating a safe assembly-line floor.

At the University of Manitoba, physical plant workers can have similar concerns, depending on their jobs. But the majority of the university’s workers are, either in the move in the classroom or parked at a desk, and that means the challenge is dealing with muscular-skeletal problems such as carpal-tunnel syndrome.

Shields said there are tell-tale signs to watch for.

“Sometimes in the same spot at the end of everyday you need to rethink what you’re and how you’re doing it,” Shields said. And if you need help assessing how to rethink your work habits, Shields is the one to contact.

“I’m happy to come out and look at a workstation and go over it with the user,” Shields said. An ergonomic assessment looks at everything from how a worker positions themselves in the office to how they type at their computer.

“Sometimes it’s the equipment that needs to be changed. Sometimes you just need to relearn some of the skills you’ve been using,” Shields said. For example, a lot of keyboards come with a cushioned pad at their base. It’s great for resting your hands on while you’re not typing, but Shields says it was never intended to support your hands while you’re working – using it for that, will throw off the angle of your hands and create a lot of strain.

However, if people are using their laptops as their full time computer, then they should buy a separate keyboard and keyboard tray so that they can type below the level of the laptop’s screen – the same as they would with a desktop computer.

Shields is also involved when a university employee needs to make a Worker’s Compensation Board claim. “We’re reminding people to think about what they’re doing when they do it,” Shields said. Even for people who are trained, there’s always days when they’re not at the top of their game and that’s when they’re most likely to get hurt doing taking the wrong approach to one of their regular tasks.