Liver research in Manitoba received a $3 million boost on March 28, thanks to the generosity of donations from the Morberg family and private donors to the Health Sciences Centre Foundation and the University of Manitoba.

The Morberg Family Chair in Hepatology at the Health Sciences Centre is a joint initiative of the Health Sciences Centre Foundation and U of M. It is named after the Morberg family, who contributed $1 million to the campaign. All faculty members in the department of internal medicine at the U of M also contributed a total of $1 million toward the establishment of this chair.

Hepatology, focused on the functions and disorders of the liver, is a relatively new subspecialty. The creation of the Morberg Family Chair in Hepatology at the Health Sciences Centre positions Manitoba at the forefront of liver disease treatment and research.

“The University of Manitoba is already a trailblazer when it comes to liver research in Canada. The establishment of the Morberg Family Chair in Hepatology at the Health Sciences Centre will further establish Manitoba as a global leader,” said David Barnard, President and Vice-Chancellor of the U of M.

Gerald Minuk, a 1975 University of Manitoba MD graduate and professor/section head, hepatology, internal medicine, was appointed to the new position.

He will pursue independent research in hepatobiliary diseases such as hepatitis, immune mediated liver diseases and liver cancer, as well as lead research activity in the Faculty of Medicine in the field. The Morberg Chair will enhance the competitiveness of the faculty to recruit top researchers and increase prominence for funding from national and international funding agencies.

“He has long been recognized by his peers as an outstanding clinician scientist with a leadership style that is widely admired and respected,” said Brian Postl, dean of the Faculty of Medicine. “His contributions will increase the quality of care for patients and the reputation of our School of Medicine.”

The establishment of the Morberg Family Chair in Hepatology at the Health Sciences Centre will further establish an international centre of excellence in this subspecialty here in Manitoba.”

John Mohan, President and CEO of the Health Sciences Centre Foundation, said the foundation is delighted to celebrate the announcement and naming of the research chair. “Having a chair associated with our strong hepatology research team will further establish an international centre of excellence in this subspecialty here in Manitoba.”

New U of M research chair focuses on liver health
The Bulletin

April 5, 2012

The U of M in the News

Architecture student heads to Biennale

Winnipeg Free Press
March 17

Jason Hare got a remarkable 29th birthday present on March 15: the news that he would be part of Team Canada at the Venice Biennale in Architecture this September through November. Hare is a student in landscape architecture at the U of M who expects to graduate this year. His entry in the nationwide Migrating Landscapes competition — consisting of a scale model and a three-minute video — was one of 18 chosen to represent Canada at the world’s most prestigious architecture event. Hare’s design, which won the people's choice award when regional entries were shown at The Forks last month, looks something like an upside-down version of the abstract wooden landscape on which all the entries are “settled.” People have told him it suggests the torn-up roots of a tree — perhaps a metaphor for the uprooting of migration.

Meat market

Winnipeg Free Press
March 25

Local artist and graduate of the U of M BFA Honours program, Liz Garlicki writes about the meat markets of Winnipeg. “As a first-generation Polish gal, members of my family have always been quite the cold cut and meat connoisseurs,” she writes. “No B-O-L-G-A-N-N songs were sung in my family. Nope, we had Tasty Meat Groceries on Selkirk Avenue and it was THE main part of every Saturday ritual. There is something comforting about the smell of a meat market for me that will always remind me of my family and heritage. It was not all fun in school when I was growing up, mind you. I got teased constantly for my headcheese sandwiches at lunch time. But all in all this was how my past made me, and I am proud to be a part of it then and now.”

Graham James behind bars

CBC.ca
March 21

Former hockey coach Graham James could be out of prison before Christmas, despite receiving a two-year sentence for sexually assaulting two players. James served two years for each offense, but the sentences will be served concurrently. But David Deutcher, a U of M law professor, says all inmates have the opportunity to get early parole after serving only three-quarters of their sentences — and most are paroled after two-thirds. Because the sentence was two years, James is serving time in a federal penitentiary. Had the sentence been one year less, he would be in a provincial jail. U of M law professor David Milward said a shorter sentence in provincial jail could have actually meant more time behind bars. “Because his sentence was two years it’s in a federal penitentiary and he’s eligible for parole after a third of his sentence,” he said. Milward believes parole at that one-third mark won’t likely be a problem for James to get. “He hasn’t reoffended since his prior conviction and that’s something the parole board’s going to take into consideration.” The Crown had sought a six-year prison term for James on the latest charges.

Headlines

“Nutrition Bites: In defence of hemp,” National Post, March 16

article refers to research done at U of M that has found that the protein in hemp seeds is more readily digested than some other grains, nuts, and some legumes.

“Manitoba takes fight with native smoke shop to Facebook,” CBC.ca, March 23

The Manitoba government is trying to crack down on the sale of native tobacco with a campaign on Facebook to promote it. Dan Greco, who researches social networking and the law at the U of M, said the court may not uphold using Facebook to promote it. Dan Greco, who researches social networking and the law at the U of M, said the court may not uphold using Facebook to promote it. Dan Greco, who researches social networking and the law at the U of M, said the court may not uphold using Facebook to promote it. Dan Greco, who researches social networking and the law at the U of M, said the court may not uphold using Facebook to promote it. Dan Greco, who researches social networking and the law at the U of M, said the court may not uphold using Facebook to promote it. Dan Greco, who researches social networking and the law at the U of M, said the court may not uphold using Facebook to promote it. Dan Greco, who researches social networking and the law at the U of M, said the court may not uphold using Facebook to promote it. Dan Greco, who researches social networking and the law at the U of M, said the court may not uphold using Facebook to promote it. Dan Greco, who researches social networking and the law at the U of M, said the court may not uphold using Facebook to promote it. Dan Greco, who researches social networking and the law at the U of M, said the court may not uphold using Facebook to promote it. Dan Greco, who researches social networking and the law at the U of M, said the court may not uphold using Facebook to promote it. Dan Greco, who researches social networking and the law at the U of M, said the court may not uphold using Facebook to promote it. Dan Greco, who researches social networking and the law at the U of M, said the court may not uphold using Facebook to promote it. Dan Greco, who researches social networking and the law at the U of M, said the court may not uphold using Facebook to promote it. Dan Greco, who researches social networking and the law at the U of M, said the court may not upheld using Facebook to promote it. Dan Greco, who researches social networking and the law at the U of M, said the court may not upheld using Facebook to promote it. Dan Greco, who researches social networking and the law at the U of M, said the court may not upheld using Facebook to promote it. Dan Greco, who researches social networking and the law at the U of M, said the court may not upheld using Facebook to promote it. Dan Greco, who researches social networking and the law at the U of M, said the court may not upheld using Facebook to promote it.
Spotlight On: Graduate Student Enrolment

BY LINDSAY STEWART GLOR
For The Bulletin

In an effort to better serve its 4,000-plus applicants, the U of M’s Faculty of Graduate Studies will soon be introducing a pair of innovative web-based tools to make its application process more efficient and its relationships with students more dynamic.

“I am very excited about the implementation of Hobsons Connect and ApplyYourself programs,” says Jay Doering, dean of Faculty of Graduate Studies. “Together, with our new enrolment strategy, we will be significantly enhancing a graduate student’s experience from the moment of first contact with the University of Manitoba through to graduation.”

The implementation of Connect and ApplyYourself is part of the Graduate Student Enrolment Management (GSEM) initiative within the ROSE program. GSEM follows the lead of the student recruitment CRM and admissions projects, two ROSE initiatives aimed at undergraduate students. All three initiatives support the university’s strategic priority of delivering an exceptional student experience.

“The big thing right now in graduate studies is that the application procedure is quite manual, which extends our response time to applicants and holds up getting applications to departments in an timely manner,” says Cassandra Davidson, student admissions assistant. “The ApplyYourself tool will cut down on the amount of scanning, printing and reviewing done by staff and also provide superior reporting tools.

“We’re really hoping that this tool will reduce the workload for faculty and department support staff and make life easier for potential students,” says Davidson.

By reducing the majority of the application process online will cut out courier costs and reduce follow-up phone calls.

“Today’s students have an expectation of immediacy in terms of communication,” says Doug Barkman, communications coordinator for Faculty of Graduate Studies. “ApplyYourself will allow them to upload their application and key documents and then track the status of their application online.

After the applications are processed, the Connect tool will enable graduate studies units maintain communication with admitted students, sending out information that is relevant to them, like registration procedures, student award deadlines and parking costs.

“We can anticipate what general information all students need. It’s just always been a matter of having the time to get it to them,” says Barkman. The new system will reduce administrative tasks, giving staff more time to focus on engaging students.

“The demand for individualized attention isn’t coming from across our campus, but from across the globe,” says Barkman. “With Connect, departments can tailor communications to their students, which we will in turn automatically send out based on individual timing and needs.

Connect and ApplyYourself are expected to be available to serve students, staff and faculty by November 2012.

For more information on the graduate studies initiative visit: >> umanitoba.ca/admin/rose
Stephen Lewis pleads for the return of ‘Canadian decency’

BY MARIJANNE MAR’S WIEBE

The most urgent question posed by speaker Stephen Lewis on his recent visit to U of M could have been understood as somewhat rhetorical: “What is wrong with this world?” Its gravity, however, was underscored by heart-wrenching examples of sexual violence, hunger and environmental degradation.

The global health-HIV/AIDS advocate spoke to packed houses at both the Fort Garry and Bannatyne campuses, addressing well over 1,500 audience members with a sense of urgency. In his talk on global health, local impact, Lewis pointed to example after real-life example of the impacts of Western inaction and the callousness of government policies.

During his time in Africa and through his international advocacy work, Lewis has seen the devastating impacts first-hand and to hear him describe his experiences is compelling. In his hour-long talk at the Fort Garry campus event, hosted by the office of student life, Lewis described rape camps and orphaned children in sub-Saharan Africa, where he has done much of his advocacy work in recent years. He has become convinced that gender inequality is the most significant problem that we have to deal with worldwide, on a global scale,” he said.

Lewis: ‘I can’t get over it — the contagion of sexual violence gripping the world’

From sexual trafficking, to honour killings, to sexual violence and rape, “I can’t get over it — the contagion of sexual violence gripping the world. Everywhere you turn, there is this capacity for sexual violence,” he said.

After the 2008 elections in Zimbabwe, Lewis visited southern Africa with teams of international lawyers and interviewed 70 rape victims, collecting over 300 hours of testimony detailing 380 total acts of rape. A report, “Election to Rape: Sexual Terror in Mugabe’s Zimbabwe,” was released in December 2009. The report presents compelling evidence that the rapes were not the work of some rogue nation, but indeed international law.

“I was shaken to the core,” he said. “Until I went to the Congo: the worst place in the world for women. There are 1,000 women a day raped because of crazed militia groups that have taken over eastern parts of the region.”

He described the Pansi Hospital where a small band of surgeons works to repair the reproductive tracts of women who have been raped, and the “City of Joy,” a nearby residence where the women can live in tracts of women who have been raped, and the “City of Joy,” a nearby residence where the women can live in peace.

Lewis pointed to what he called the “perversity” of the Canadian government killing a bill that would have unleashed cannot be undone. We know that our record of human rights and peacekeeping, this fundamental human decency. All of that is being destroyed and replaced by act after act that is vicious, senseless, ideological — and an obsessiveness with military values. I don’t understand it. “We have money for wars, for Afghanistan, for Iraq, for corporate bonuses, for bailing out banks. And never a smidgen to deal with human priorities. Has the world gone mad?” he asked.

The vigorous 74-year-old Lewis shows no sign of neglect, ignorance, short-sightedness, greed, racism, sexism, bigotry, fanaticism and disregard for human rights.”

What can be done locally? In addition to advocacy work, suggested Lewis, we can support gender equality in any way possible, from the protection of women to advocacy for women’s rights and combating sexism. “[The] number one thing that can be done is for teachers, in their classrooms, to develop respect in young boys towards young girls,” he said.

He outlined further issues that plague sub-Saharan Africa: endemic drought, rampant sexual and political violence, poverty and disease. Of the 22.5 million people living with HIV in sub-Saharan Africa, 60 per cent are women, he noted, and 2.3 million are children. Almost 90 per cent of the 16.6 million children orphaned by AIDS live in sub-Saharan Africa.

Young boys towards young girls,” he said.

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Lewis pointed to what he called the “perversity” of the Canadian government killing a bill that would have allowed for the cheap distribution of generic anti-viral drugs for children with AIDS. Bill C-393, which passed unanimously in the House in early March, was killed in the Senate on the direction of the Prime Minister’s Office (PMO), said Lewis.

“The drugs were meant for these children, who will die without them. What perversity is this, that will take away ad in the name of big pharma profits?” he demanded.

Lewis leads a foundation that advocates unapologetically to end HIV/AIDS. AIDS-Free World is an international advocacy organization located in the United States dedicated to provide legal assistance to health researchers within the discipline of nursing.

The Honourable Stéphane Dion spoke at the Clayton H. Riddell Faculty of Earth, Environment, and resources. His talk was entitled, “Climate Change and Climate Change Strategies: Policy Recommendations for our Future.” As Minister of the Environment, Dion contributed to the rescue of the Kyoto Protocol while chairing the UN Conference on Climate Change, held in Montreal in 2005. Before entering politics, Dion taught Political Science, first at Université de Moncton in 1984, then at Université de Montréal from 1984 to 1993. He has authored many publications. Dion was the recipient of the 2011 Couchiching Award for Public Policy Leadership and sits on the External Advisory Board of the Yale Climate and Energy Institute.

Photos by Dan Conrad

Top and below: Visiting speaker Stephen Lewis implores medical students to consider how they can be advocates for change in approaches to global health.

Lewis: ‘I can’t get over it — the contagion of sexual violence gripping the world’

U of M first to offer Nursing PhD

The Faculty of Nursing at the U of M now offers a doctoral program with a unique and innovative focus on health policy and knowledge translation. It is the first institution in the province to do so.

The program integrates areas of philosophy of science and knowledge translation along with health care services, systems and policy research as a foundation to nurture health researchers within the discipline of nursing.

The Manitoba Centre for Nursing and Health Research (MCNHR) is one of the Faculty of Nursing, is a rich resource for doctoral students, providing access to data analysis consultation and connection with a network of researchers and health leaders.

“This program will prepare researchers who will work to improve health care, health policy and health care delivery for Manitobans,” said Dr. Alain Crooks, dean of the Faculty of Nursing. “Graduates will be clinician scientists, faculty policy analysts and administrative researchers. As such, the possibilities for the province of Manitoba are endless.”

ON MARCH 22, THE HONOURABLE STÉPHANE DION presented an in-depth analysis of climate change policies and strategies to fight this important international issue to a packed house at the Clayton H. Riddell Faculty of Earth, Environment, and Resources. His talk was entitled, “Climate Change and Climate Change Strategies: Policy Recommendations for our Future.” As Minister of the Environment, Dion contributed to the rescue of the Kyoto Protocol while chairing the UN Conference on Climate Change, held in Montreal in 2005. Before entering politics, Dion taught Political Science, first at Université de Moncton in 1984, then at Université de Montréal from 1984 to 1993. He has authored many publications. Dion was the recipient of the 2011 Couchiching Award for Public Policy Leadership and sits on the External Advisory Board of the Yale Climate and Energy Institute.

Photo by Jason Jorgenson

See more about the office of student life: > u.umanitoba.ca/student/studentlife/

Dion offers climate change strategies

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Photo by Jason Jorgenson

The Honourable Stéphane Dion spoke at the Clayton H. Riddell Faculty of Environment, Earth, and Resources on March 22.
Define your future! contest winner selected

University Centre was buzzing with excitement last week when Billy the Bison, the U of M mascot, and the DJ playing loud dance music roused a large and growing crowd into a spontaneous dance party. Students and staff had gathered to take part in the festivities — music! contest giveaways! free popcorn! — on March 23 and to hear who won the Define Your Future Contest.

The contest, which opened October 17, 2011 and officially closed February 13, 2012, received over 50 entries, 10 of which were chosen as semi-finalists. The winner was decided through voting by the general public. University officials were on hand to award prize winners and to congratulate all of the entrants.

Vice-President (external) John Kearsey opened the proceedings by welcoming students and recognizing the contest’s 2012 winners and the runners-up. He lauded the students for their efforts, saying that the contest and the resulting videos were a special way to tell the U of M story and to celebrate shared achievements.

“It’s truly inspiring to see how the campaign has been embraced with such enthusiasm by our community. The videos demonstrate that our students are trailblazers, visionaries, innovators, explorers, defenders and creators,” he said.

“We are proud of all of our students,” he continued, “and proud of the exceptional student experience provided by the University of Manitoba.”

The contest increased traffic to the U of M Facebook page by 30 per cent and added scores of new fans.

Three second-place winners were also announced: Eve Tollenaar, Tyra Cox and Kevin Crook. Each received a student experience prize which includes a $100 gift card for The BookStore, an iPad and more.

President David Barnard congratulated both the winners and the runners-up. He lauded the students for their efforts, saying that the contest and the resulting videos were a special way to tell the U of M story and to celebrate shared achievements.

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This year, the contest was open to all U of M students, and encouraged participants to submit videos that demonstrated their unique experiences, achievements, and aspirations.

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Watch winning videos on the U of M’s YouTube channel.

Students gather in University Centre as Nicole Wruth is announced the contest winner.

Photo by Mike Latchishaw

Nicole Wruth the Explorer

Nicole Wruth defines herself as an explorer, was selected as the grand prize winner. Of three choices to submit a video in which they defined who they are and proud of the exceptional student experience provided by the University of Manitoba.”

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Food fight!

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LEFT: Still from Wruth’s prize winning video. Wruth defines herself as an explorer and talks about her travels around the world and how these experiences have helped her discover who she is. Below: Wruth’s video is screened at the March 23 event in University Centre (submitted photo).

Students participate in the annual Food Fight event.
The art and science of seeking alternatives

Linking U of M’s Alternative Village with a community in Honduras

BY JAMIE CARTER, LUIS MIDENCE AND KRIS DICK

As the director of the Alternative Village at U of M, Kris Dick, professor of biosystems engineering, wants to create opportunities for students that combine their theoretical understanding with hands-on experience.

Over this past reading week, February 20 to 24, Dick and fourth-year biosystems engineering student Luis Midence and master’s of biosystems engineering student Jami Carter visited various communities in the regions of Gracias Lempira and Copan Ruinas, Honduras to evaluate whether a program could be established through the Alternative Village to aid in the development of sustainable living in a developing region.

Honduras presents the ideal conditions for the launch of the program. The economy has been struggling to recover since hurricane Mitch struck in 1998 which obliterated over 70 percent of crops and transportation infrastructure, and leaving nearly 1.5 million people homeless. Over two-thirds of the country lives in poverty, and approximately 24 percent of the population has inadequate housing.

Team member Midence is from Honduras. As a young engineering student he is committed to using the skills he learns in biosystems engineering and applying them back home.

The team partnered with World Vision Honduras that has Program Development Areas (PDA) in various parts of the country. Representatives from two PDAs provided information on the work they had completed in each region, as well as planned work for the future.

The team traveled to the communities of El Porillo, Consonlaca and Lanito Verde. Some people live in homes constructed of “bajareke,” mud packed around vertical and horizontal supports made typically of canes or brava, a local plant similar to bamboo. While these homes may meet the occupant’s basic need for shelter, they can degrade rapidly due to exposure, leaving them cracked and susceptible to insects and pests such as the chinche. One bite from the bug can cause heart inflammation leading to death.

Families living in rural communities have limited access to water and few can afford the $5 per month installation costs. What water they do receive is not treated and undependable. They have no access to electricity. Family income is generated from men picking coffee while women raise chickens and make tortillas; these they carry many kilometers into town to sell at little profit.

In the Copan Ruinas area, the team looked at structures finished with earth plaster and lime-wash. The mud plaster helped seal cracks and holes that developed over time, while the lime-wash made any insects hiding on the building visible. The two processes combined extended the life of the home and reduced maintenance costs. What water they do receive is not treated and undependable. They have no access to electricity. Family income is generated from men picking coffee while women raise chickens and make tortillas; these they carry many kilometers into town to sell at little profit.

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As a result of this field trip the Alternative Village will partner with the village of Consonlaca.

In February 2013, a group of engineering students will go to work with the team constructing a house. As a part of Dick’s course in alternative building systems students will work on various aspects of the design.

A total of six to ten students will be selected each year for multi-year project. Initially the focus would be on healthy housing and water management.
will be on engineering but subsequent years the plan is to include agriculture, health and business students. The program will work in one community for a period of time, in that way the impact can be more readily evaluated, and most importantly a relationship can be built with the community.

Vision Mondial Honduras along with other in-country and Canadian partners will provide various types of support for this project.

The Alternative Village research team is excited for the launch of a program that seeks not only to generate research at the U of M, but to make a positive impact starting with one community.

**Meet the mayor**

Kris Dick is a large man who exudes good humour and kindness. And not a little enthusiasm for the Alternative Village, which he founded in 2002 and of which he is director.

The vision is to create an environment where different technologies can be displayed in action, providing unbiased independent testing for industry as well as testing performance of newer products for a sense of what’s applicable. The site also allows researchers to examine the performance of individual components as well as entire systems.

“This approach allows sustainability to be an option,” he explains.

The associate professor with faculties of Engineering and Agricultural and Food Sciences has won teaching awards in addition to his research and also has a consulting service that informs his teaching, research and practice. It promotes the use of alternative methods and materials for structures through an integrated design approach that are environmentally-sensitive, energy efficient and project-appropriate.

Dick calls the Alternative Village project “the 100-mile diet approach” to building and design.

With the expansion of the program to Honduras, it’s all about the broader vision. “The Alternative Village has never been just about engineering,” says Dick. “Not only does it provide our students with valuable experience and confidence in their building and design skills through practical application, it also allows them to gain a more holistic approach to systems design and sustainability, buildings and alternatives.”

And to the world. Dick has a soft spot for the perspective-changing aspects of community work. “It not only enhances your skills,” he notes. “But also gives you humour and humility. It broadens your perspective as a human being and makes the world a bit of a smaller place.”

Dick lived and worked in Sierra Leone for three years, which may be what ignited his interest in community-based projects, he says. But when the opportunity arose to extend the Alternative Village project to Honduras, he couldn’t say no. He says that this kind of community project, with its possibility for a long-term relationship and further expansion of the project, just “seems like the right thing to do.”

**Photos from work sites and surrounding areas in Honduras.**

**U of M’s Alternative Village**

- Located on a one-and-a-half acre site on the west side of the U of M’s Fort Garry campus, the Alternative Village was developed to house biosystems engineering department test equipment and to assess alternative building materials and systems
- It began in 2002 with the construction of a straw bale building, which has become the anchor of the site
- The building has a standard post/frame structure with straw bales providing the infill. Its interior dimensions are 42-feet wide by 107-feet long with an 18-foot high ceiling, making it the one of the largest straw bale buildings in Canada
- The Alternative Village expanded in 2009 with the addition of more buildings and a greenhouse
- The site tests thermal energy systems and alternative building materials for thermal, moisture and energy performance

See more at: <umanitoba.ca/faculties/engineering/departments/design/alternative_village/
It’s one example of exciting areas of exploration and experiment with music and composition in relation to technology.

Sandred uses computers a lot, he says, but he is a composer of both instrumental and computer music. His instrumental works range from music for Symphony Orchestra to solo instruments, and several of his later compositions expand the “expressivity” of acoustic instruments with live electronics.

Sandred uses technologies within his pieces and in composing them, and also teaches methods of composition in the Faculty of Music’s Studio FLAT, the studio he founded for computer music research and production.

Many of his own compositions are the result of his search for new methods of composition and use computerized rule-based systems (a sub-branch of artificial intelligence) to formalize the musical structure.

For Sandred, composition is very closely linked with his research and he is fascinated by the complexity of music and it’s fascinating to hear him discuss music, as well as composition and art more generally.

When I ask Sandred where “Ice Fog” started, for instance, he politely denies, smiling, “I prefer to talk about music in different terms. As a composer, you deal with how to communicate, and music is about communicating.”

The method you choose will influence the result, however, “I do believe the tools that you will affect the outcome — and you can do that unintentionally but often deliberately as well,” he explains.

“If you are a painter, for instance, you choose your tools with a very clear aim for how you want it to look, for the expression you intend. So I pick my tools for the result I want, and if I’m not happy with them perhaps I could switch my tools.”

The question of intuition is also interesting, he says. You apply a lot of structure, knowledge, experience and rules that you have internalized or that are in your unconsciousness. “As a professional composer, I want to bring those intuitions into composition in order to work with them compositionally. If you only rely only on intuition, you tend to repeat a lot, because you are not aware, and you fall into similar patterns. It starts with composition rules or formalizations from 100 years ago applied to the computer, he says.

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So if they formalized certain rules for composition in the old days, say — for example, it could be rules about what chords generally follow one after another, or a rule such as returning to the tonic to end a piece — you can use the same language of formalization, so to speak. But you might end with another chord, maybe it’s not the tonic but a new-sounding chord. And there are many other details as well, which the computer can track and analyze, and that Sandred can then alter. “That just would not have been possible before,” he says.

The modest expectation of “making something new” is still very strong in art music, he says. “In other forms, rather than repeating something that has already been done, [the motivation is] to go to the unknown and see what you can do.”

Favourite music: I tend to like compositions that were active during periods when music changed. Monteverdi brought music into a new phase in the early 17th century, just as György Ligeti did in the early 20th century.

Right: Örjan Sandred teaching in Studio FLAT. Students (L to r): Zach Bales, Troy Jasper and David Betz.

“Art is very close to research — you are reaching to the unknown”

Orjan Sandred, associate professor, Marcel A. Desautels Faculty of Music.

The atmospheric and mysterious, with humming undertones and a crystalline array of notes sounding intermittently above the hum, “Ice Fog.” A 2010 composition by Örjan Sandred, associate music professor and composer, is a quick study for alto saxophone, piano and live electronics. The piece sounds a little, perhaps, like a proper accompaniment to ice fog itself.

Exploration and experimentation of music Undertones and a crystalline array of notes sounding intermittently above the hum, “Ice Fog.” A 2010 composition by Örjan Sandred, associate music professor and composer, is a quick study for alto saxophone, piano and live electronics. The piece sounds a little, perhaps, like a proper accompaniment to ice fog itself.

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Faculty of Law students take treaty talks to high schools

BY CYNTHIA NAZAR
For The Bulletin

In the library of a Winnipeg high school, a group of students and teachers listen to a panel speak about the state of Aboriginal education in Canada. Among the panelists is an animated third-year law student from U of M’s Faculty of Law, sharing what he has learned about residential schools.

Across the city, a first-year law student speaks to a group of newcomers to Canada about the Charter and what it means to Canadians. “My students really liked the part of the presentation about how human rights apply in real-life situations. They could have probably asked a million questions about that,” says Heidi Reimer, who teaches English as an additional language.

From the Archives

The Centre for Human Rights Research initiated a Speakers Bureau for the 2011-2012 academic year with assistance from the Manitoba Human Rights Commission. The Centre for Human Rights Research had fielded requests for speakers since it was established. Law student Dayna Steinfeld agreed to speak during Human Rights Day at Elmwood High School in spring 2011 to students interested in learning more about the Canadian Charter of Rights and Freedoms.

Soon, the need of students and teachers across Winnipeg for information that connects their curriculum and the law in an accessible manner became apparent.

The Centre for Human Rights Research initiated a Speakers Bureau for the 2011-2012 academic year with assistance from the Faculty of Law Endowment Fund. The idea was to connect volunteer law students with teachers and their classes who want to learn more about how the law relates to human rights, the Charter and Aboriginal issues.

Third-year law student Brendan Jowett spoke to Kimberly McDonald’s Grade 7 class at Seven Oaks Middle School. “My students enjoyed the presentation and were engaged during the entire afternoon. It was an excellent addition to the human rights component of our social studies curriculum,” McDonald commented.

International students now eligible for health plan

International students at the University of Manitoba are now eligible for provincial health coverage as part of a Government of Manitoba policy change announced in 2011. The change, which took effect April 1, 2012, means that students will no longer need to purchase additional health coverage while studying in the province.

Students who have received a study permit that is valid for at least six months, which identifies “Manitoba” as the province of study and who are resident in the province for six months within a 12-month period are eligible to apply.

Neil Marnoch, registrar, U of M, whose office has administered health insurance for students, applauds the move.

“Current coverage through the U of M plan is valid until April 30, but it’s important that students apply to Manitoba Health as soon as possible to ensure coverage is in place,” said Marnoch. Registration forms can be printed from www.manitoba.ca/health/mhip and submitted in person or mailed to Manitoba Health’s Registration and Client Services at 300 Carlton Street. Students can find out more about the plan by clicking on the ‘health coverage’ link online at:

Breaking barriers for special needs students

Tabitha Stephenson’s refreshingly personal collection of artworks titled “Breaking Barriers” broke the silence of her struggle for acceptance. As a person with special needs she has often felt marginalized, but through art she has found solace and acceptance. Art creation can be therapeutic. Tabitha has embraced its healing power and through her painting, “Woman with Scarred Arms,” was able to show her pain. “This painting was created during a period in my life where I was badly mistreated. I felt frustrated when painting this painting as it signifies isolation, pain and being a social outcast.” Tabitha is a student in the University of Manitoba Campus Life program, operated out the Faculty of Education. Her art collection was exhibited at the Gallery of Student Art (GOSA) on the Fort Garry Campus from March 19 to 23.

International students at the University of Manitoba are now eligible for provincial health coverage as part of a Government of Manitoba policy change announced in 2011.

“I think it’s a fabulous idea to have young people do the presentations, as students are far more inclined to listen to someone who is younger. The speaker had a great sense of humour, so it got them tuned in and was more fun than it might have been had she been very serious or professorial,” Behrands said. CHRR academic director and U of M Law professor Karen Busby works with the volunteer law students to refine their presentations and answer any questions they may have on a given topic.

“The Speakers Bureau not only provides a service to the community, but also gives law students a chance to share the knowledge they have gained and to practice presentation skills,” says Heidi Reimer, who teaches English as an additional language. Robson Hall professors work hard to find enhanced learning opportunities for our students,” she said.

The Speakers Bureau currently has 28 volunteer law students, primarily from first year. Since September 2011, students have spoken in more than 20 classes. The free presentations have been offered in both French and English from September to April, however, arrangements can sometimes be made for presentations outside of those months.

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events

University of Manitoba

LECTURES, SYMPOSIA, SEMINARS

CHARTER BIRTHDAY CELEBRATION
Thursday, April 5 | 12:00 to 1:30 p.m.
The Canadian Charter of Rights and Freedoms turns 30 this April and you are invited to a birthday party to celebrate this milestone and look to the future of rights advocacy in Canada. In the Student Common Room, Robson Hall. A light lunch and birthday cake will be served. Presented by the Social Justice and Human Rights Research Project and the Centre for Human Rights Research. Public event — all welcome to attend.

STATISTICS SEMINAR
Thursday, April 5 | 2:45 p.m.
“Continuous, Discrete and Conditional Scan Statistics” by James C. Fu., department of statistics, in 316MacRay Hall. All welcome.

IMMUNOLOGY RESEARCH SEMINAR
Thursday, April 12 | 12:00 to 1:00 p.m.
“Immune dysregulation of airway allergic and intestinal inflammatory responses” by Zhikang Peng, pediatrics/child health and immunology. In 477 Apotex Centre, Bannatyne Campus.

CENTRE ON AGING RESEARCH SEMINAR SERIES
Tuesday, April 10 | 12:00 to 1:00 p.m.
“The involvement of NF-κB signaling in memory impairment in Alzheimer’s Disease.” Ben Albers, associate professor, pharmacology and therapeutics, Faculty of Medicine. In 405 Brodie Centre, Bannatyne Campus.

VISIONARY CONVERSATIONS
Wednesday, April 11
Reception 6:30 p.m.; Panel 7:00 p.m.
“Gender Equality: Fact or Fiction.” In the Robert B. Schultz Theatre, St. John’s.

IMMUNOLOGY RESEARCH SEMINAR: VISITING PROFESSOR PROGRAM
Thursday, April 12 | 12:00 to 1:15 p.m.
Presentation by James Carlyle, department of medicine, University of Manitoba. In 204 University Health Sciences Building, Bannatyne Campus.

FACULTY OF ARCHITECTURE YEAR END EXHIBITION
April 20 | 6:30 p.m.
John A. Russell, Architecture 2 and CAST Building

THE 31ST PRESIDENT’S RECEPTION FOR RETIREES
Saturday, April 14 | 2:00 p.m.
In Marshall McLuhan Hall, 204 University Centre, U of M, Fort Garry Campus. You are invited to meet with David Barnard, President and Vice-Chancellor, who will provide an update on happenings at the university, and with other U of M retirees. Speaker Jerry Gray will speak on “Building a Future For Upper Fort Garry.” At the reception which follows, there will be time to greet your former colleagues and friends. Spouses/partners are also welcome to attend. Please invite those survivors of retirees whom you know. You are asked to RSVP by Thursday, April 5, 2012 to Linda Lassman, Tel: (204) 474-9124 or at email: Linda_Lassman@umanitoba.ca

ACADEMIC JOB OPPORTUNITIES

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

EXTENDED WORK AND THE OFFICE OF VICE-PRESIDENT RESEARCH
Position: Full-time Research Grant Facilitator
Deadline: April 27, 2012
Start Date: commencing immediately
For Information: Janice Ristock, Associate Vice-President (Research), 207 Administration Building, U of M, Winnipeg MB R3T 2N2, tel. 204-474-9568, fax 204-474-7598, email restock@cc.umanitoba.ca

EVENTS

UPCOMING ART AND MUSIC EVENTS
All music events at Eva Clare Hall (Marcel A. Desautels Faculty of Music, 65 Dafoe Road) unless otherwise noted
For more music events: >>umanitoba.ca/faculties/music/events/index.html

MUSIC EVENTS
April 7 | 8:00 p.m. | Jeremy Buzash, graduate violin recital.
April 10 | 8:00 p.m. | Small Jazz Ensemble as part of the Mardi Jazz Series. At Centre culturel franco-manitobain.
April 11 | 8:00 p.m. | Small Jazz Ensemble. At the Rtb Room.
April 12 | 8:00 p.m. | Jessica Kos-Wilchicer. third year voice recital.
April 12 | 8:00 p.m. | Small Jazz Ensemble. Aqua Books, 274 Garry.
April 13 | 8:00 p.m. | Megan Duckett. third year voice recital.
April 14 | 8:00 p.m. | UM Jazz Orchestra and Friends year-end concert. West End Cultural Centre. Tickets at music office and door ($5/$10).
April 14 | 8:00 p.m. | Elizabeth Craig. third year piano recital.
April 16 | 8:00 p.m. | Amanda Poole. fourth year voice recital.
April 17 | 8:00 p.m. | Soojung Kim. third year piano recital.
April 18 | 8:00 p.m. | Browner Gandar-Sheridan. third year oboe recital.

OPENING ART AND MUSIC EVENTS
April 5: 8:00 p.m.
Winipeg Brass Collective Premiere Concert
Sunday April 22, 2:00 PM
Grace Christian Church, 50 Barnes St.
Silver collection - all proceeds to the “Hands of Hope” charity

2012 SCHOOL OF ART OPEN HOUSE
Sunday, April 8 | 12:00 to 5:00 p.m.
For the 99th consecutive year, the School of Art will open its doors to the public to demonstrate the artistic activities of its students. Family and friends of students, alumni and the general public are welcomed to the campus to tour through three buildings of studios. Displays will be set up in the brand new ART Lab, the Sculpture/Ceramics Building and the Art Barn. Visitors may purchase a bowl of hot chili from the ceramics Club students and keep the one of a kind hand-made bowl in which it is served. Maps to guide visitors through displays available at ART Lab.

events

• The Bulletin publishes events involving the university community at no cost.
• The deadline for the April 19, 2012 Bulletin is April 11 at 4:30 p.m.
• Email events to bulletin@umanitoba.ca

Classified Ads

The Bulletin welcomes Classified Ads. Rate for ads is $5 for the first 45 words.
The risky world of entrepreneurship
Researcher investigates business behaviour

BY KATIE CHALMERS-BROOKS
For The Bulletin

How do investors decide which business ideas to get involved with? Asper School of Business researcher Zhenyu Wu is trying to figure this out by analyzing how investors — and entrepreneurs — take risks.

A recently appointed Canada Research Chair in Entrepreneurship and Innovation, Wu hopes to provide budding business owners with valuable insight on how to increase their chances of securing money. “Entrepreneurs and innovation are engines of economic growth. That’s what people have realized, especially during this economic recession and ongoing financial crisis,” says Wu.

He’ll receive $500,000 over the next five years to explore what motivates investors to take substantial risks before seeing any positive cash flow, and how their decision is affected by the risk-taking behaviour of entrepreneurs looking for support.

The Canada Foundation for Innovation provided an additional $118,000 to create a Behavioural Lab for Entrepreneurship Research within Drake Centre, where Wu and his team can interview investors and entrepreneurs from Manitoba and across Canada. The lab will be equipped with audio, visual and computer equipment for teleconferencing, and have an area where additional researchers can observe and analyze.

He says they will be looking at two types of investors: “business angels” who invest very early on and take the highest risks, offering their advice and resources to take the product further, and “venture capitalists” who wait to see some sort of promising sign before coming on board.

They’ll gather information during these interviews in order to design a survey about risk-taking behaviours that would then be sent to more than 10,000 investors and entrepreneurs. “That would be very valuable data for researchers in this field,” says Wu, who arrived at the U of M last July from the University of Saskatchewan.

He has also investigated what signals entrepreneurs are sending to potential lenders during discussions with financial institutions. Wu’s research showed that some signals can increase the odds of securing investment. For example, if entrepreneurs say they are prepared to use their personal credit card to pay for their business expenses, they are indicating they are willing to risk a personal loss.

He has also identified “a subtle gender effect” that occurs when women borrow money for business purposes. He found that lenders charge female sole proprietorships a higher interest rate — on average 73 basis points — than men.

“There was debate in the literature regarding how or whether female entrepreneurs were treated differently but no conclusion. This is one more piece of evidence,” Wu says.

These findings are set to be published this May in the prestigious journal Entrepreneurship Theory and Practice.

His earlier research examined how family involvement plays a role in a business’s success. When family members are owners or managers, entrepreneurs gain “social capital” and have an advantage.

Wu’s role as Canada Research Chair also includes hosting conferences and workshops in this field, bringing to the U of M successful investors from around the world and other leading researchers.
Year-end awards dinner celebrates Bison successes

BY CHRIS ZUK
For The Bulletin

The Manitoba Bisons distributed their year-end hardware at the annual Brown and Gold Year End Banquet at Canad Inns Fort Garry on March 31. Hockey player Addie Miles and volleyball player Dane Pischke were named as Bison Sports Female and Male Athletes of the Year and Men’s Volleyball Head Coach Garth Pischke was selected as Bison Sports Coach of the Year for the 2011-12 season.

Miles was also selected as team MVP and team captain this season. She was the team’s top scorer for the fifth consecutive season and was eighth in Canada West scoring with 22 points while playing all 24 conference regular season games. The fifth year student-athlete leaves Manitoba being one of the most award-winning players in the program’s 15-year history. In her five-year career, she was a second team all-star in 2009-10, 2010-11 and 2011-12, first team all-star in 2008-09 and Canada West Rookie of the Year and All-Rookie Team in the 2007-08 season. The Winnipeg native also played for Team Canada and won gold at the 2011 Winter Universiade in Turkey. In addition, she finished as Top Bison all-time scorer and tenth overall in Canada West career scoring with 123 points while playing in 116 of 120 regular season games.

Pischke’s selection is the first time a men’s volleyball student-athlete has been named Bison Male Athlete of the Year since the 2003-04 season. Male Athlete of the Year since the 2003-04 season. Pischke had an amazing year both at the conference and CIS level in his fourth year. He was selected as team MVP this season and was the CIS First Team All-Canadian and Canada West First Team All-Star at the right side position. Pischke was selected Smitty’s Bison Sports Athlete of the Week on four different occasions and helped the team to a 18-2 regular season record, a Canada West silver medal and a bronze medal at the 2012 CIS Men’s Volleyball Championship.

Garth Pischke was selected for the third time as Bison Sports Coach of the Year. He becomes the second Bison coach to win this honour three times. He led his team to a CIS bronze medal, the highest placing by a Bison team at the CIS level during the 2011-12 season. In his 31st season as Bison’s head coach, he has guided the team to the CIS National Championships for the 26th time and has now collected nine CIS gold medals, nine CIS silver medals and five CIS bronze medals. Pischke guided the team to a 18-2 regular season record and a Canada West silver medal. The Bison men’s volleyball team was ranked as high as number two in the CIS Top 10 this season. Earlier in the season, he accomplished another milestone with his 1200th victory over #1 Trinity Western on January 27, 2012. Pischke has the most overall coaching wins by a CIS head coach.

For more information, including the Rookies of the Year, Student-Athlete Leadership and Community Development Award winners and team MVPs see the website.

Deadline for nominations extended to April 17, 2012

CELEBRATE THE TRAILBLAZERS AMONG US. NOMINATE A COLLEAGUE.

AWARDS OF EXCELLENCE FOR SUPPORT STAFF

Four ways to celebrate the outstanding contributions:
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- Leadership Award
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- Team Award

Potential nominators, please visit the Learning and Development Services website to find helpful resources: umanitoba.ca/admin/human_resources/lfs/recognition/EA.html

Deadline for nominations is extended to April 17, 2012
For more information call 474-9491

BISONS YEAR-END AWARDS

Male Athlete of the Year: Dane Pischke
Female Athlete of the Year: Addie Miles
Sports Coach of the Year: Garth Pischke

Bison Male Athlete and Female Athlete of the Year: Dane Pischke and Addie Miles.

Team All-Canadian and Canada West First Team All-Star at the right side position. Pischke was selected Smitty’s Bison Sports Athlete of the Week on four different occasions and helped the team to a 18-2 regular season record, a Canada West silver medal and a bronze medal at the 2012 CIS Men’s Volleyball Championship.

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>> gobisons.ca

JOIN US FOR A PUBLIC LECTURE

CLEANING UP THE MESS: MANAGING WASTE

Dr. Jan Oleszkiewicz
Distinguished Professor, Civil Engineering
University of Manitoba

Dr. Jan Oleszkiewicz applies his innovative and pioneering expertise in the area of environmental engineering to the challenge of reducing the world’s ecological footprint. His research has changed how wastewater treatment plants are designed around the globe as well as right here in Winnipeg. He is the recipient of the 2011 Dr. John M. Bowman Memorial Winnipeg Rh Institute Foundation Award in recognition of his outstanding research accomplishments. Join us to learn how research is applied to real world problems.

Thursday, April 12, 7:00 p.m.
Robert B. Schultz Lecture Theatre,
St. John’s College, 92 Dysart Rd.
All are welcome. Free admission

>> umanitoba.ca

MANAGING WASTE

CLEANING UP THE MESS:

JOIN US FOR A PUBLIC LECTURE

Dr. Jan Oleszkiewicz
Distinguished Professor, Civil Engineering
University of Manitoba