Think about enrolment management

BY DALE BARBOUR
The Bulletin

The term enrolment management is a little deceiving. It implies the University of Manitoba is working with numbers when it tackles the challenges surrounding enrolment.

But enrolment management is really about people. It’s about how they experience the university and how the university helps them achieve their potential.

As for numbers, the University of Manitoba’s current enrolment is just over 28,000. It’s the highest enrolment the University of Manitoba has ever seen, but it won’t last.

Demographic studies looking at the province of Manitoba, the university’s primary recruiting area, show that the university-age population will decline over the next few years. To a point, that wouldn’t be a bad thing. However, vice-president (academic) Robert Kerr said what the university doesn’t want to see is the sharp decline that happened in the mid-1990s when student numbers dropped from about 26,000 to just over 20,000 before rebounding to current levels.

“We’re trying to find some way we can stabilize our student population,” Kerr said.

“We’re looking at 26,000 as the optimum student number for the university. It would allow us to serve a broad range of students but at the same time it would be a level we could sustain.”

So the watch word for the future is “stability” when it comes to the student population, and the best way to achieve that is by ensuring that the students who come to university stay in university.

See ENROLMENT/P. 2.

University of Manitoba Recycling and Environmental Group volunteers Kerri Woloszyn, left, and Dana Moore sort through recyclables in University Centre on Feb. 1 as part of Environmental Awareness Week.

Green and clean at the U of M
New environmentally friendly products picked for university

Whether it’s recycling pop cans or picking the right kind of cleaning products, the University of Manitoba is helping keep the earth green.

The university put its eco-friendly credentials on display last week during Environmental Awareness Week with University Centre hosting everything from an eco-village to a sorting demonstration put on by volunteers of the University of Manitoba Recycling and Environmental Group.

The UMREG-led beverage recycling program has had a big impact on the university with the amount of recycled material growing from just under 21 tonnes in 2000-01 to over 42 tonnes last year. During that same period, the university’s paper and cardboard recycling program has increased from 241 tonnes of material to 340 tonnes.

However, the next step in the battle to help the earth won’t be fought in the recycling bin, it’ll be played out every time caretakers do their jobs.

The U of M is replacing the cleaning products it uses at both its Fort Garry and Bannatyne campuses with a line of cleaner, greener products.

The university has signed a three-year contract with Swish Maintenance and Enviro-Solutions, Canadian-based companies recognized for their environmentally responsible cleaning products. Everything from bathroom hand soap to floor cleaners and trash liners will now carry “environmentally preferable” certification from the Environmental Choice Program or Green Seal.

See ECO-FRIENDLY/P. 2.

Inside Stories

3 Kirbyson quizzes President Szathmáry about university
4 February is a popular time for graduating
5 U of M staff member and student head to Olympics
6 A primer on nutraceuticals and functional foods
7 Knowing your clients is a big part of caretaking
12 Creating a bit of magic in downtown Winnipeg
Enrolment isn’t about numbers, it’s about people

From Page 1.

Kerr said that at one time some universities would accept a large number of students for a first-year class, but it was assumed that 50 per cent would flunk out before the end of the year. Call it survival of the fittest with the university acting as the filter. Kerr said at one time some students as not prepared or lazy. We need successful students,” Kerr said. “We need successful high school career. So these students need and want from a learning commons. The task force is actively looking at what students need and want from a learning commons and coming up with a plan. It is part of the overall environment for students Kerr has created two task forces: one aimed at creating a welcoming and supportive environment for students and one aimed at creating the learning commons. The task forces are meeting with focus groups of students to see what they consider essential to creating a welcoming environment at the university. As the project moves along, a web site will be added to the vice-president (academic) web site to solicit further commentary and suggestions. Kerr said, “It’s not something where we can have five recommendations and we’re finished. We have to consider it under the nature of a cultural change. It has to become part of what we do as a university.”

At its most visionary, a learning commons would include an expansive space that would be open 24 hours a day, seven days a week, and be filled with computers, advisors and everything else that a student might need to facilitate learning. At least that would be the case if the university had a bottomless pocket from which to draw more students, it’s ensuring that the students that have come can access the tools they need to succeed and continue their studies.

Every September brings a crush of new students to the University of Manitoba. A big part of enrolment management isn’t about trying to draw more students, it’s about students as not prepared or lazy. We need successful students,” Kerr said. “We need successful high school career. So these students need and want from a learning commons. The task force is actively looking at what students need and want from a learning commons and coming up with a plan. It is part of the overall environment for students Kerr has created two task forces: one aimed at creating a welcoming and supportive environment for students and one aimed at creating the learning commons. The task forces are meeting with focus groups of students to see what they consider essential to creating a welcoming environment at the university. As the project moves along, a web site will be added to the vice-president (academic) web site to solicit further commentary and suggestions. Kerr said, “It’s not something where we can have five recommendations and we’re finished. We have to consider it under the nature of a cultural change. It has to become part of what we do as a university.”

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From Page 1.

The University of Manitoba Chancellor William Norrie received the 84th session of the Youth Parliament’s Alumni Award on Dec. 28 in the Legislative Chamber. The recognition ceremony was a highpoint of the youth parliament, which continued its tradition of taking over the Manitoba Legislative Building in the last week of December and debating such weighty matters as animal rights and sex education. Norrie was recognized for his long history with the group. He served as premier of youth parliament in 1948 and in 1984 he returned to serve as its lieutenant governor-nor and more recently has served as honorary president of the organization. Norrie is the third recipient of the youth parliament’s Alumni Achievement Award. The award was established in 2003, the youth parliament’s 80th year, to thank and recognize alumni of the organization who have given time and energy both to the organization itself and the community. Along with his contributions to the University of Manitoba, Norrie was a distinguished lawyer, a member and chair of the Winnipeg School Board, city councillor, and then Winnipeg mayor from 1979 to 1992.

MICHAIL ACHT
University of Manitoba architecture graduate Michael Acht will have the opportunity to research the architecture of Portugal, Switzerland and Germany as the winner of the Canada Council for the Arts Prix de Rome in Architecture for Emerging Practitioners. The $34,000 Prix de Rome in Architecture for Emerging Practitioners is awarded to a recent graduate of one of Canada’s ten accredited schools of architecture, who demonstrates exceptional potential. The prize winner is given the opportunity to visit remarkable buildings across the world and to intern in an architecture firm of international stature.

Over the next year, Acht will investigate the perception of materials as it relates to understanding and making architecture. He will research the origin, the influences, the ways of working and the intentions of the practitioners Alvaro Siza from Portugal, Peter Zumthor from Switzerland and Gunter Behnisch from Germany.

The research will first compare one very seminal project with a mature work of each architect, observe their methods first hand. As he points out in his application for the prize, he is looking for the means to “make architecture that is discrete, calm, unobtrusive and well crafted.”

Michael Acht received his Master of Architecture degree (2004) and his Master of Environmental Studies (2010) from the University of Manitoba. He also completed a Master Foreign Studio at the Technische Universitat Berlin in Germany (2001).
Bike Dungeon provides on-campus home for cyclists

BY DALE BARBOUR
The Bulletin

Cyclists at the University of Manitoba now have a place to call home on the Fort Garry Campus.

The Bicycle Dungeon opened last week during Environmental Awareness Week at the university. The come-and-go bike shop is aptly named considering it’s tucked in with the University of Manitoba Recycling and Environmental Group’s recycling depot at 157 Helen Glass Centre.

But Anders Annell and Geoff Heath are hoping the shop will turn into a resource centre and a meeting place for the university’s cyclists.

“The big opportunity to do this came from the Government of Canada’s Youth Environmental Network One-Tonne Challenge Grant. The grants are given to groups with projects that will help reduce carbon dioxide emissions,” environmental studies student Anders Annell said. The group received $4,000 to set up the Bicycle Dungeon, enough to outfit it with a work space, equipment, spare parts and repair manuals.

The idea is that people can come to the bike shop and receive training in how to repair their bikes or if they already know their way around a bike they can come to the shop and do their own repair work, but be spared the cost of having to buy their own tools.

“We want people to be self sufficient when it comes to repairing their bikes,” Heath said. “That way they can have a way of getting around the city and they know how to repair it.”

The come-and-go bike shop idea has been tried at other universities and at The Bike Dump, a non-profit bike shop located at 591 Main Street.

The final operating hours for the Bicycle Dungeon haven’t been set yet, but it will be open throughout the year. Heath and Annell will be on site part of the time and they’ll be backed up by a cadre of volunteers the rest of the time. They expect the peak season to be in the fall, but there are cyclists who ride all year long and while the number of students on campus is reduced during the summer, it’s also the best time of the year to commute by bike.

Ultimately, Heath and Annell hope the repair end of the bike shop will just be part of its purpose. They’re also assembling a fleet of rental bikes for use by people on campus.

“We can rent a bike for a day or for the season,” Heath said. “It would be ideal for International students who are away for a term and want a bike, but don’t want to have to spend money buying a new one that they’re only going to have to get rid of when they leave.”

And given that they are part of UMREG, the focus will be on recycling and salvaging bikes that have been left around campus or turned into Security Services.

The big picture is to get more people taking alternative means of transportation to get to the university, which means fewer people fighting for parking spots on campus or cluttering up the roads with cars.

The Bike Dungeon can be contacted through the UMREG office at 474 9118.

Smartpark offers perfect setting to talk about U of M

BY DALE BARBOUR
The Bulletin

It’s hard to be in Smartpark and not feel good about the University of Manitoba.

The research and technology park was established just a few years ago but already it is set to boost 800 employees and a dozen businesses.

Little wonder then that when Winnipeg Free Press reporter Geoff Kirbyson sat down to interview U of M president Emike Szathmáry, recognized by the newspaper as one of “The Power 30” in Winnipeg, as part of the Smartpark Interactive Speaker Series, one of the first questions was about the history of Smartpark.

An innovation park had been on the books for the University of Manitoba for years, Szathmáry said, but it took funding from the province, the federal government and the university to finally launch the project in 1999.

“A lot of people liked the fields and the sheep,” Szathmáry said of Smartpark’s agricultural roots, “but the university needs to interface with industry to provide opportunities for research collaboration and our students.”

While she’s proud of how far Smartpark has come, Szathmáry said she would like to see a non-Manitoba company join the list of companies in the park – proving that the university can draw talent and industry to the province.

Of course, no interview would be complete without touching on the subject of the Maclean’s rankings.

Szathmáry had no trouble fielding questions on the subject, but she couldn’t hide her frustration that the university continues to get hammered for its reputation – based on a poorly constructed survey system – and for allowing in students with average entrance marks under 70 per cent.

“I suppose that terrible thing that we give them the skills they need to succeed!” Szathmáry said. Accepting students with lower high school marks may challenge the University of Manitoba’s professors, but Szathmáry said at the end of the day it also gives the students more options for their future and the province a more skilled workforce.

For all that the university gets blamed by Maclean’s for allowing people with a lower entering grade to enter, Szathmáry said it doesn’t receive credit in the survey results for having one of the highest percentages of students who enter with an average of 95 per cent or better.

“Why are we in it?” Szathmáry said of the survey. The U of M had pulled out before Szathmáry began her tenure as president. “We decided we couldn’t afford not to be in it. We were being killed in the Manitoba press where they were accusing us of not being accountable and it was hurting us at the international level.

International students saw we weren’t in the rankings and thought we had lost our accreditation.”

The most obvious details of Szathmáry’s tenure over the past 10 years include the establishment and growth of Smartpark, the highly successful Building on Strengths capital campaign which raised $237 million for the university and the physical growth of the Fort Garry and Bannatyne campuses.

But one of the more subtle tasks that Szathmáry said was asked of her when she joined the university was to create a more cohesive atmosphere to bring all the various units of the university together. It’s something she says has happened over the past ten years.

But of course, the job isn’t over. Szathmáry said for all the university’s success locally, she still wants to see it get the recognition it deserves on the national stage.

“Part of the problem is ours,” Szathmáry said. “There’s a cultural characteristic in Manitoba where people don’t believe in talking about their achievements. But if you don’t say what you do no one is going to know about it.”

“We have to do it. We need to get our story beyond Manitoba.”
The Manitoba Medical Service Foundation Basic Science Career Development Research Award

The Manitoba Medical Service Foundation and the Faculty of Medicine at the University of Manitoba, invite applications from individuals as candidates for the Basic Science Career Development Research Award, to be effective July 1, 2006. The intent of the award is to support the awardee to become a strong candidate for a senior national personnel research award, such as a CIHR Investigator. Individuals who have previously held, or currently holding, such an award will not be eligible for the MMSF award.

Candidates should have been engaged in independent research for more than about 7 years, should have an excellent track-record of receiving grants from national granting agencies, such as the CIHR, and should have a satisfactory publication record in peer reviewed journals. The Award will be limited to individuals currently holding an appointment in the Faculty of Medicine at the University of Manitoba. The Award is given for a period of 3 years. The Manitoba Medical Service Foundation will contribute $50,000 annually to the salary of the successful candidate. It may not be held concurrently with another personal career award and is not renewable. The candidate should have a PhD or equivalent, and demonstrated potential, or an established national/international award and is not renewable. The candidate should have a PhD or equivalent, and demonstrated potential, or an established national/international

VICE-CHAIR: DR. SIDNEY MINDESS
Professor of Civil Engineering, University of British Columbia

The Robert and Elizabeth Knight Distinguished Visiting Lecturer

You Mix Together Cement, Water and Gravel, and it Gets Hard. What Else is There to Know About Concrete?

Dr. Sidney Mindess
Professor of Civil Engineering, University of British Columbia

Wednesday, February 22, 8 p.m., 100 Fletcher Argue Building, Fort Garry Campus
Honish and Taylor bound for Turin Olympics

BY CHRIS ZUK
Bison Sports Information Officer

Bison women’s volleyball assistant coach Adrian Honish and University of Manitoba graduate student Carolyn Taylor have been named to the Canadian Olympic Committee’s (COC) technical team for the 2006 Winter Olympics in Turin, Italy.

The duo will serve in the capacity of performance technology video-tape recorder officers on the Canadian Olympic Committee’s Technical Staff team for the Games.

Honish, in his fourth year as Bisons assistant coach, commented: “I’m incredibly excited about this opportunity. This is a dream come true and I’m looking forward to lending my expertise and helping out ‘Team Canada at the Olympics.’”

Honish’s main Olympic responsibilities will be collecting and organizing video for the Canadian Team. He will be situated in Sestriere, Italy and will oversee the sports of alpine ski, bob, luge, skeleton and speed skating.

Honish has completed his bachelor’s of exercise and sport science at the University of Manitoba and recently graduated with a master’s of science (biomechanics).

Bison Sports

Taylor is hoping to graduate with her master’s within the next year. They have been working under the supervision of Marion Alexander, a professor in the Faculty of Physical Education and Recreation Studies, research associate in the Health, Leisure, and Human Performance Research Institute, and board member with the CSCM.

Honish and Taylor were chosen due to their expertise in biomechanical analysis techniques, filming with video cameras, film transfer to computers, and use of Dafirth athlete analysis programs.

INGRAM TAPPED FOR NATIONAL TEAM

The Royal Canadian Golf Association has announced Bison golf co-coach Herb Ingram has been hired as assistant coach for both the national junior and amateur team programs.

Ingram, who will assist with the men’s program, is a three-time winner of Manitoba PGA Teacher of the Year. The Winnipeg native has coached Team Canada since 2001 at the World Junior Golf Championships held in Japan. He is the co-founder and co-coach (with Garth Goodbrandson) of the University of Manitoba golf teams.

SWIM TEAM SUCCESS

Last month at the 2006 Canada West Swim Championships at University of British Columbia, the women’s swim team had several strong performances and placed fourth (297 points) in the seven-team event while the men’s side swam well and finished in fifth spot (192 points).

The Manitoba Medical Service Foundation Clinical Research Professorship Award in Population Medicine

ANNOUNCEMENT

The Manitoba Medical Service Foundation and the Faculty of Medicine at the University of Manitoba, invite applications from individuals as candidates for the Clinical Research Professorship Award in Population Medicine, to be effective July 1, 2006. The intent of the award is to attract clinicians into proportionate research at the University of Manitoba for the general benefit of health research in Manitoba.

Candidate must be physicians licensed to practice in Manitoba and have a faculty appointment in the Faculty of Medicine at the University of Manitoba and must be engaged in research related to the health of population groups in Manitoba. Candidates should have been engaged in independent research for not more than about 7 years, should have received one or more grants from a national granting agency, such as the CIHR, and should have a satisfactory publication record in peer reviewed journals.

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 of $50,000 per annum to the awardee’s salary during the three-year term. Successful candidates are expected to devote at least 50% of their time to research. The appointment will be subject to annual review.

A one-year renewable grant-in-aid to the appointee of up to $20,000 may be made during the first year of the appointment.

Applicants shall use the CIHR Scholarship Application Form which consists of a CV Module and a Research Module. Seven copies of the application must be submitted no later than March 31, 2006 to:

Dr. Dean Sandham, Dean
Faculty of Medicine, University of Manitoba
770 Bannattie Avenue
Winnipeg, Manitoba
R3E 0W3

The University of Manitoba and St. Boniface General Hospital invite applications for the position of Director of the Institute of Cardiovascular Sciences to lead and develop a world-class cardiovascular research program at St. Boniface Hospital Research Centre. The applicant will be expected to demonstrate an ability to lead, manage and provide mentorship to a large group of both new and established scientists. The successful candidate is expected to have a strong publication record and evidence of an international reputation in cardiovascular research. Excellent oral and written communication skills are essential. Evidence of a history of success in receiving grant funding and knowledge of the peer review process would be expected. Applicants should have a Ph.D. or its equivalent in a relevant health research area (cell biology, biochemistry, pharmacy, pharmacology, physiology, etc.). Other strong programs also exist in the Centre in stroke, nutrition, virology and neurodegenerative diseases. The successful applicant will be expected to promote scientific interactions within these programs and with individuals, as well as programs and departments in the Faculty of Medicine and the broader university community. The applicant must currently hold a senior tenured or probationary academic appointment in an appropriate Faculty and Department at the University of Manitoba. A starting date of April 1, 2006 is anticipated.

The University of Manitoba and St. Boniface General Hospital encourage 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, Canadian citizens and permanent residents will be given priority.

For confidential consideration, please send your Curriculum Vitae, a brief description of your cardiovascular research program, a letter stating your interest and reasons for applying for this position by Wednesday, 22nd, 2006. Please provide electronic copies of this information and arrange for confidential letters of assessment from two referees who are familiar with your capabilities to be sent directly to Dr. Grant N. Pierce, Executive Director of Research, St. Boniface General Hospital Research Centre, 351 Tache Avenue, Winnipeg, MB R2H 2A6. E-mail address: gpierce@sbrc.ca.
Here’s a list of what nutraceuticals can do for you.

**Books**

*The Dictionary of Nutraceuticals and Functional Foods* by University Staff

**BY DALE BARBOUR**

The Bulletin

If your field includes tracking or studying the health benefits of food, this book is for you.

Human Ecology professor and associate dean Michael Eskin and Snait Tamir, head of nutrition at Tel Hai Academic College, have just completed *The Dictionary of Nutraceuticals and Functional Foods* published by Taylor and Francis/CRC Press in the United States.

“This book brings together the peer-reviewed literature on over 470 functional foods and nutraceuticals,” Eskin said. “It’s really a mini encyclopedia.

“The whole area of nutraceuticals and functional foods has become the hot area of research,” Eskin added.

How big a deal? The University of Manitoba is just completing construction on the $25-million Richardson Centre for Functional Foods and Nutraceuticals in Smartpark. The centre will house up to 40 researchers from the across the university who will focus on developing functional foods and nutraceuticals based on scientific evidence for their efficacy and safety.

Functional foods are foods that have physiological benefits in addition to their nutritional benefits. The bioactive ingredients in the foods that are responsible for the health benefits are called nutraceuticals.

People have always understood that certain foods have health benefits. But it’s only recently that scientists have begun to understand how much they affect chronic diseases.

Eskin said over the last 15 or 20 years medical and nutrition researchers have gained a better understanding of how the functioning of the human body right down to the molecular level is impacted by food. When the body isn’t getting the right types of ingredients, the system starts to break down, making it that much more vulnerable to cancer or neurological damage.

“The whole area of functional foods is an alternative approach to the traditional use of drugs in medicine for combating chronic diseases such as cardiovascular disease, cancers as well as neurological diseases such as multiple sclerosis and Parkinson’s disease,” Eskin said. “The benefit being that you don’t see the same kind of side effects that drugs can create.”

In some cases functional foods and nutraceuticals are being teamed with drugs to achieve the same health benefit while cutting down the amount of dosage required and its attendant side effects.

*What The Dictionary of Nutraceuticals and Functional Foods* does is provide researchers, students and people in the food industry with the latest information about the particular health benefits associated with a particular food, its bioactive ingredients, or nutraceuticals.

Functional foods include foods that people have traditionally eaten and new varieties being introduced in supermarkets. However, there still is concern about the legitimacy of the field when manufacturers make broad claims about the health benefits of their products based on little solid scientific evidence. The internet is full of conflicting information about the health benefits of certain foods and nutraceuticals.

This is the ninth book by Eskin, a food biochemist, who felt that the dictionary should help people separate fact from fiction.

*The Dictionary of Nutraceuticals and Functional Foods* also goes hand in hand with the new Natural Health Products Directory being developed in Canada, which should help establish reliable standards to ensure the validity of claims made about products being sold in the marketplace.

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**CALL FOR NOMINATIONS**

The Dr. and Mrs. Ralph Campbell Award

(for particularly meritorious service in outreach activities)

To mark the end of the term of Dr. Ralph Campbell as President of the University of Manitoba, his colleagues and friends established a trust fund to support the Dr. and Mrs. Ralph Campbell Outreach Award for meritorious service in outreach activities. The award is referred to as The Campbell Award.

The Campbell Award shall normally be presented at the University’s May Convocation to a staff member of the University of Manitoba. The value of the award will be that determined from time to time by the Board of Governors. In each of the first three years the award has been $1,000. If, in the judgement of the committee of selection there are two candidates of equal merit, the committee may recommend that the Campbell Award be divided between the two candidates.

Nominations for the Campbell Award will be accepted from staff members of the University, alumni and members of the community.

No recipient of a Campbell Award is eligible to receive it a second time until the tenth year after the first receipt of the award.

The Presidential Advisory Committee on University Outreach will continue to act as the selection committee for the Campbell Award and to advise the president of the most appropriate recipients for this year. The committee will bear in mind the diversity of faculties, schools and administrative units within the University and will attempt to give due recognition to all areas over a period of time.

Nominations form must be found on www.umanitoba.ca/admin/vp_academic/awards_honours.html and submitted to Dr. Karen R. Grant, Vice-Provost (Academic Affairs), Chair of the Selection Committee, by March 10, 2006. The nomination forms must be accompanied by three letters of support, including at least one letter from outside the University.
Johnson focuses on the word ‘care’ in caretaking

A Day in the Life of a caretaker

BY RENÉE BARCLAY
For The Bulletin

Starting work at 6 a.m. is just part of the job for Charlie Johnson. The senior caretaker and the 25 other caretakers who work with him start at the crack of dawn to prepare the Bannatyne Campus for the hundreds of people who use the facility daily.

Johnson says the first three hours of the caretakers’ day are the most hectic, as they clean and set up classrooms, sweep and wash floors, and disinfect washrooms used by the faculties of Medicine and Dentistry. While some of the crew scrub the hundreds of toilets and urinals across campus, others shovel sidewalks and clear the parking lots before people arrive at work.

Before coming to the Bannatyne campus eight years ago, Johnson worked 10 years as a caretaker in the central zone of Fort Garry Campus. He spent another eight years as caretaker for the Faculty of Dentistry before accepting the senior position at the Bannatyne Campus last fall, and he always made a point of getting to know the students. “I spoke with them every day. Part of being a good caretaker is getting to know your customers and taking care of them,” he says.

Because caretakers work in specific zones of the campus, they consistently serve the same offices and get to know the staff and students. Johnson encourages the caretakers to be friendly. The result is a well-organized and friendly crew that offers a cheerful presence on the Bannatyne Campus.

As senior caretaker, Johnson’s main job now is to organize and oversee the work done by those under his supervision, but he continues to assist with cleaning and staging work and other tasks. He also coordinates moving furniture, supervision, but he continues to assist the work done by those under his friendly crew that offers a cheerful result is a well-organized and friendly crew that offers a cheerful presence on the Bannatyne Campus.

Johnson’s job can be physically demanding and the tasks can at times be tough to juggle, but after 18 years with the university, he is proud to be part of a team that provides an essential service to the U of M.

“We have a good crew here and they want to do a good job. They are always willing to pitch in and help where it is required. That makes my job a lot easier.” The camaraderie among the caretakers is generally very good. Groups of caretakers often take scheduled breaks together.

“Different (caretakers) gather at different places. Some guys play cards daily,” Johnson says. “I really like working for the university. It’s the best place I’ve worked.”

University of Manitoba Ancillary Services present a

SUMMER SERVICES
OPEN HOUSE

Arthur V. Mauro Student Residence
Thursday, February 16
2:00 - 4:00 p.m.

FACILITY TOURS
REFRESHMENTS
DOOR PRIZES

Casual Accommodations
Sports and Athletic Services
Workshops / Retreats
Conference Services
Catering
Food Services
Meeting Rooms
Mini University
Special Functions

120 Dafoe Road • Info Line: 474-7664
Medical rounds are typically targeted at university staff and professionals directly involved in the medical field.

THURSDAY, FEBRUARY 9
Immunology Annual Graduate Student Research Presentations, Roles of B lymphocyte adaptor molecule of 32 kDa (Bam52) in regulating T cell-dependent antibody responses by Tingyang Zhang, graduate student, immunology, University of Manitoba (in progress), 12-30 p.m., Immunology Library 604-605 Basic Medical Sciences Building, Thursday, Feb. 9.

FRIDAY, FEBRUARY 10
Community Health Sciences, Genders, Sexes, and Social Inequalities in Health: An Ecological Perspective by Nancy Krieger, professor, department of society, human development and health, Harvard School of Public Health, Harvard University, Boston, Massachusetts, Theatre B Basic Medical Sciences Building, 12-10 p.m., Friday, Feb. 10.

MONDAY, FEBRUARY 13
National Training Program in Allergy and Asthma Research, Natural killer cell, an important role in Chlamydia infection-mediated inhibition of development of allergic responses possibly via modulating dendritic cell’s function by Lei Jiao, medical microbiology, and IL-17 antagonizes cell’s function by Lei Jiao, medical microbiology, and IL-17 antagonizes, medical microbiology, and IL-17 antagonizes, 540 Basic Medical Sciences Building, 12:15 p.m., Monday, Feb. 13.

TUESDAY, FEBRUARY 14
Internal Medicine, Difficult Asthma by Richard Warrington, immunology head, section of allergy and immunology professor, University of Manitoba Chrystyna Kalicinsky, assistant professor, University of Manitoba, Theatre A Basic Medical Sciences Building, 12:15 p.m., Monday, Feb. 13.

WEDNESDAY, FEBRUARY 15
Obstetrics, Gynecology and Reproductive Sciences, Gestational Diabetics by Sagheer Shams, resident, department of obstetrics, gynecology and reproductive sciences, Theatre A Basic Medical Sciences Building, 5-30 p.m., Wednesday, Feb. 15

Biochemistry and Medical Genetics, Dual role of Prox1 as a co-activator and a co-repressor by Jagan Jangamreddy, Dual role of Prox1 as a co-activator and a co-repressor, 540 Basic Medical Sciences Building, 8 a.m., Tuesday, Feb. 16.

FRIDAY, FEBRUARY 17
Community Health Sciences, Epidemiology and Outcome of Septic Shock in Manitoba: Lessons from a temporally and geographically comprehensive provincial database by David Bannatyne, professor, department of preventive medicine and public health, University of Manitoba, Theatre A Basic Medical Sciences Building, 12-15 p.m., Friday, Feb. 17.

MONDAY, FEBRUARY 20
National Training Program in Allergy and Asthma Research, The relationship of breastfeeding, overweight and asthma in preadolescents by Xiao Mei Mai, community health sciences and Growth factors regulating airway smooth muscle function: the caveloea pitfall by Reinaud Goens, Physiology Manitoba professor, University of Manitoba, Theatre A Basic Medical Sciences Building, 3-30 p.m., Monday, Feb. 20.

TUESDAY, FEBRUARY 21
Biochemistry and Medical Genetics, Mechanism of histone deacetylase inhibition by TSA,Valproic acid and butyrate by Anousheh Sekhvat and Effects of ergosterol mutations on transcriptional efficacy of Saccharomyces cerevisiae and Duy Truong, Theatre A mezzanine, Basic Medical Sciences Building, 12:15 p.m., Tuesday, Feb. 21.

WEDNESDAY, FEBRUARY 22
National Training Program in Allergy and Asthma Research, Animal models of asthma: are they relevant or revenge? by Mark Linman, immunology, McGill University, Firestone Institute for Respiratory Health, RS205 Respiratory Hospital, 3:45 p.m., Wednesday, Feb. 22.

THURSDAY, FEBRUARY 23
National Training Program in Allergy and Asthma Research, Understanding the link between airway remodelling and hyperresponsiveness in asthma, by Mark Linman, medicine, McMaster University, Firestone Institute for Respiratory Health, 500 John Buhrer Research Centre, 12:15 p.m., Thursday, Feb. 23.

IMMUNOLOGY ANNUAL GRADUATE STUDENT RESEARCH PRESENTATIONS, Understanding Natural Killer Cell Cell-Novel Interactions: 1. Genetic Engineering of Primary Natural Killer Cells by Jimmy Tran, immunology, Immunology Library 604-605 Basic Medical Sciences Building, 12 p.m., Thursday, Feb. 23.

MONDAY, FEBRUARY 27
Infectious Diseases and Medical Microbiology, Shape Shifting: Cell surface and structural changes in Escherichia coli by Kevin D. Young, microbiology and immunology, School of Medicine, University of North Dakota, 540 Basic Medical Sciences Building, 8 a.m., Monday, Feb. 27.

GALLERY ONE ONE ONE
Gallery One One One is located on the main floor of the FitzGerald Building. It is open Monday to Friday, noon to 4 p.m.

DREAMING OF BIRDS
by Ann Smith
February 9 to March 23
Ann Smith was born in Vancouver, British Columbia. She holds a bachelor of fine arts (honours) degree from the University of Manitoba and currently resides and works in Winnipeg, Manitoba. In Dreaming of Birds, Smith deals with fantastical imagery and an abundance of colour in order to evoke emotion. Animals often populate these mysterious environments and are found coexisting harmoniously with the people that are also present. The show will include approximately nine works that employ various mediums such as printmaking, collage, watercolour and handmade paper. The artist will be in attendance at the opening reception on Thursday, Feb. 9 from 3 p.m. to 6 p.m. in the Quiet Room Gallery.

D. PAUL H.T. THORLAKSON GALLERY
The Iceland Reading Room, Elizabeth Dafoe Library, University of Manitoba Gallery hours: Mon. - Fri. 9 a.m. - 5 p.m., Saturday, Feb. 11, 1 p.m. - 4 p.m., Sunday, Feb. 12, 11 a.m. - 4 p.m., Saturday, Feb. 25, 11 a.m. - 4 p.m., Sunday, March 5, 2 p.m. - 5 p.m.

AN EXTRAORDINARY RICHNESS
THE WORKS OF JACQUES HINZDOVSKY
February 3 to March 5
The exhibition marks the twentieth anniversary of the untimely death of Jacques Hinzdovsky (1915 - 1985). It also recognizes the new Archives of the Ukrainian Canadian Experience, and the Slavic Collection, now in its 57th year.

February is Psychology Month, and a team of University of Manitoba-affiliated psychologists will provide free public lectures the next several weeks at locations across Winnipeg, as well as in Selkirk and Stonewall. Sponsored by the Manitoba Psychological Society, the provincial component of the nationally recognized Psychology Month will feature 10 community workshops, either free to the public or nominally priced. Complete details on each event can be found on the web site of the Manitoba Psychological Society at www.mps.mb.ca/
Events Listing

FRIDAY, FEBRUARY 23
Asian Studies, Practice Makes Perfect? Chinese Market Management Techniques across the Centuries by Hill Gates, professor emeritus, Central Michigan University. Faculty of Arts, 409 Tier Building, 2:30 p.m., Friday, Feb. 23.


Thinking Out Loud Book Discussion, Collapse: How Societies Choose to Fail or Succeed by Jared Diamond with Dr. Terry MacLeod as moderator and University of Manitoba faculty members Leslie King, dean, Clayton H. Riddell Faculty of the Environment, Earth and Resources and Tim Schroeder, philosophy, leading the discussion. McNally Robinson Booksellers, 365 Grant Park Mall, 7:30 p.m., Thursday, Feb. 23.

FRIDAY, FEBRUARY 24
Psychology, LOVE in the care of the Mentality Ill by Michael Ellef, associate professor and medical program director at the Schizophrenia Treatment and Education Program (STEP), P412 Duff Roblin Building, 7:30 a.m., Friday, Feb. 24.


Asian Studies, Sexual Segregation and Sexual Attraction: Evidence from Taiwan by Arthur Wolf, professor of anthropological sciences: David and Lucille Packard Foundation Professor in Human Biology, Stanford University, 409 Tier Building, 12:30 p.m., Feb. 24.

Chemistry, Title TBA by Dirk Wallschläger, Environmental & Resource Studies Program, 540 Parker Building, 2:30 p.m., Friday, Feb. 24.

Clayton H. Riddell Faculty of the Environment, Earth and Resources, Are there unidentified persistent and bioaccumulative chemicals in the global environment? by Derek Mair, National Water Research Institute, Burlington, Ontario, 221 Wallace Building, 2:50 p.m., Friday, Feb. 24.

Religion, Early Christian Burial and the Creation of Identity by Nat Morehouse, 111 St. John’s College (Quiet Room), 2:45 p.m., Friday, Feb. 24.


Botany and Zoology, The Multiple Roles of Adenosine in Brain Health and Disease by Fiona Parkinson, pharmacology and therapeutics, University of Manitoba, Z201 Duff Roblin Building, 3 p.m., Friday, Feb. 24.

A full listing of employment opportunities at the University of Manitoba can be found at www.umanitoba.ca/education. The University of Manitoba 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 unless the position is specified as open to applications from outside Canada. For more information, please contact the appropriate position when applying for openings at the university.

FACULTY OF ARCHITECTURE
Department of Landscape Architecture
The Position: landscape architectural design, research interest in ecological design, landscape ecology, landscape urbanism or ecological regionalism, position BC464. landscape architectural, research interest in landscape architecture, design communication or construction technology, position CS692.
Start date: July 1
Salary: Commensurate with qualifications and experience
Application deadline: Feb. 27
For information: Dr. Ted Machlachlan, chair of department of Landscape architecture search committee, Faculty of Architecture, University of Manitoba, Winnipeg, MB, R3T 2N2, Fax 474 7552, e-mail tmachlach@cc.umanitoba.ca.

SCHOOL OF ART
Position: Assistant professor in foundation design
Start date: July 1
Application deadline: March 9
Position number: 03456
For information: Assistant director of the director, chair of search committee, 203 FitzGerald Building, School of Art, The University of Manitoba, Winnipeg, MB, R3T 2N2.

FACULTY OF ARTS
Department of History
Position: Department head, five-year term. Applications limited to persons holding a tenured position within the University of Manitoba
Start date: July 1
Application deadline: No later than noon on March 9
Position number: BG115
For information: Dr. Richard Sigurdson, dean, Faculty of Arts, University of Manitoba, 310 Bannatyne Ave., Winnipeg, MB, R3T 5V5.

FACULTY OF DENTISTRY
Faculty of Dentistry
Positions: The search will be limited to applicants currently holding a tenured appointment at the University of Manitoba. Five-year term: Head, dental diagnostic and surgical sciences, position IA792; Head, oral biology, position MB034; Head, preventive dental science, position GJK80
Start date: April
Application deadline: March 9
For information: Dr. Johann de Vries, dean, Faculty of Dentistry, University of Manitoba, 343 Duff Roblin Building, 224 Bannatyne Ave., Winnipeg, MB, R3E 0W2, phone 789 3249, fax 789 3912.

FACULTY OF MEDICINE
Department of Computer Science
Position: Assistant professor or lecturer, tenure-track appointment in nutraceuticals
Start date: Sept.
Salary: Dependent upon qualifications and experience
Application deadline: March 15
Position number: 02791
For information: Dr. Yuewen Gong, chair, Faculty of Pharmacy search committee, associate professor, Faculty of Pharmacy, University of Manitoba, Winnipeg, MB, R3T 2N2, phone 747 9359, fax 747 7617, e-mail ygong@cc.umanitoba.ca.

FACULTY OF SOCIAL WORK
Department of Clinical Health Psychology
Position: Assistant professor
Start date: July 1
Application deadline: March 9
Position number: BB157
For information: Dr. Mark Whitemore, dean, Faculty of Social Work, 250 Machray Hall

FACULTY OF SCIENCE
Department of Computer Science
Position: Department head, position BC367. Applications limited to persons holding a tenured position within the University of Manitoba
Start date: July 1
Application deadline: March 9
Position number: BB176
For information: Dr. Kaeyong Nam, chair, Computer Science, University of Manitoba, 343 Duff Roblin Building, 224 Bannatyne Ave., Winnipeg, MB, R3E 0W2, phone 789 3913, e-mail kwilshire@cc.umanitoba.ca.

FACULTY OF MEDICINE
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The increasing rate of type 2 diabetes in children

By Frank Nolan, Research Promotion Officer

In Canada, more than 90 per cent of people with diabetes have the type 2 form of the disease, which occurs when the pancreas does not produce enough insulin, or when the body is not able to use the insulin that is produced. While not immediately life-threatening, type 2 diabetes can lead to serious complications involving the eyes, kidneys, lower extremities and heart.

Formerly known as "adult-onset" diabetes, it used to be an exclusively adult disease that usually occurred later in life, often as a result of obesity and a sedentary lifestyle. That changed in the early 1980s.

In 1983, Heather Dean, pediatrics and child health, saw her first case of childhood type 2 diabetes in a young girl from northern Manitoba.

"I was trained as a pediatrician, and back then we only ever saw type 1 diabetes, which we used to call juvenile-onset diabetes," Dean said. "This particular girl was morbidly obese, she had very high blood sugar, and she clearly had type 2 diabetes."

Over the next two years, Dean saw several more children from northern Manitoba who had developed type 2 diabetes, so she began talking to her colleagues around North America.

"There were pediatricians in the southern United States who were seeing the same new condition: morbidly obese Mexican American and African American children who were developing what looked like type 2 diabetes," she said. "So there was a group of us who began talking to each other, and sharing our work around the world."

"There were pediatricians in the southern United States who were seeing the same new condition: morbidly obese Mexican American and African American children who were developing what looked like type 2 diabetes," she said. "So there was a group of us who began talking to each other, and sharing our work around the world."

"For example, how does the company to be held liable; now the corporation can be held liable for the actions of different individuals together and say that, collectively, it is the company's negligence," he said. "You can then decide if it meets the standard for criminal negligence. Previously, a single person had to make all the relevant decisions for the corporation to be held responsible."


MacPherson said there is a lot of research yet to be done on Bill C-45, including its implications for different kinds of organizations, and a critical analysis of things like the new sentencing guidelines.

"Overall, I would say the new legislation is an improvement over the previous law. It lets people know that corporations are not above you or me in having to obey the law. It's really another disincentive against bad corporate behaviour."

Looking at laws that hold corporations accountable

By Frank Nolan, Research Promotion Officer

Convincing an individual of a crime like fraud or negligence causing death can be a long and difficult process. Holding a corporation accountable for the same crime, however, is much more difficult.

"It's very hard to hold a corporation liable for a crime that requires you to prove intent," said Darcy MacPherson, Law. "For example, how does the corporate law, which is a separate legal person, form the intent to commit fraud?"

MacPherson, an expert in corporate criminal liability, is researching recent changes to Canadian law designed to make it easier to hold organizations accountable for criminal offences. Whereas previous law had held corporations liable for the actions of directors or executives, Bill C-45, passed in 2003, also holds them accountable for the actions of people lower down in the organization.

"Bill C-45 was largely a result of the 1992 Wesray mine disaster," MacPherson said. "In that case, the executives didn't really know what was going on, but the people underground knew. There were several mid-level operational managers who could have reported problems, but didn't. Under the prior law, mid-level managers were too low in the hierarchy for the corporation to be held liable; now the corporation can be convicted for their actions."

Under the new legislation, MacPherson said, prosecutors can also combine the criminal actions of several people to make a case against the corporation itself.

"Under Bill C-45, you can put the negligence of different individuals together and say that, collectively, it is the company's negligence," he said. "You can then decide if it meets the standard for criminal negligence. Previously, a single person had to make all the relevant decisions for the corporation to be held responsible."


MacPherson said there is a lot of research yet to be done on Bill C-45, including its implications for different kinds of organizations, and a critical analysis of things like the new sentencing guidelines.

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A tiny space that offers a world of potential

Students plan to turn vacant yard into playspace for kids and meeting space for adults

BY DALE BARBOUR
The Bulletin

You could call it a rough in want of a diamond. The 11 students enrolled in the Faculty of Architecture Special Topics 079.371 class have teamed with Welcome Place, a downtown apartment complex for international refugees arriving in Winnipeg, to turn an empty bit of yard into a playground for children and meeting space for adults.

Welcome Place is located on Qu’Appelle Avenue next to Central Park. The yard in question is a 16 by 28 foot bit of green space. The task for the class of 079.371 is to design a project for that space and then do the necessary fundraising and grunt work to ensure that the project gets built.

So far they’re halfway there – the plans for the space have already been drawn up.

“It’s been a challenge, and certainly a real chance to get hands on experience working with a client. Usually as a student you just get free reign to do whatever you like,” Stewart Dutfield said.

The special topics course requires students to hit the street and find a client. In this case they were tipped off by interior design professor Kelley Beaverford that Welcome Place might have just what they were looking for.

“She couldn’t have been more right.

At first glance, the small yard featured a bit of grass and some drainage problems, it’s tucked between the Welcome Place apartment building and a neighbouring property.

“It seemed so tiny,” Dutfield said of their first impression. But immediately they circled around it and the ideas started to flow. If anything the size makes it a more challenge space to work with.

“Right away you have delusions of grandeur and you want to build something gigantic, but then you realize that’s just not feasible,” Andrew Edge said.

And besides, for whatever aspirations the students might have for leaving their mark on the space, the challenge of a design build project is to work with the clients and come up with a project that suits their needs.

“We’re working with adults who have children, so they look at different challenges than we would as university students,” Edge said.

The space had to be safe for children. Given that Central Park is a high traffic area, the Welcome Place residents didn’t want enclosed spaces that could provide cover for people engaged in unsavoury activities. The area had to be private, but no one wanted to see a large fence around it. Finally, it also had to provide a relaxing area for adults.

“We had two or three primary contacts at Welcome Place but we had 15 or 20 people sit in with us during the design discussions,” Amanda Byblow said.

Welcome Place manager of volunteer services Wanda Yamamoto said they had long term plans to develop the small green space, but hadn’t really thought about concrete plans until the students came to them.

“We’re really quite excited about how the project has developed,” Yamamoto said. “It looks like it will be a beautiful space for our clients to sit and for their kids to play.”

Welcome Place typically houses up to 90 new residents to Canada. They’ll spend a month or two at the apartment settling in before moving on to permanent accommodations elsewhere.

The final design is still being tweaked, but it includes a fluid two-tiered bench and shrubs, and a wavy structure for kids to play on between Welcome Place and the neighbouring building.

Of course, designing the project is only half the battle. Now they have to build it and that means raising the estimated $10,000 that the project is going to cost.

Matt Roper said the financial end of things might end up being the most challenging part of the project.

“This is the first time a student group has tried to launch a project like this,” Roper said. “The organizations that typically fund these programs want you to submit your requests three or four months in advance.” Had they known that earlier they would have moved the entire design part of the project up to facilitate fundraising. But learning is part of the process and while they’re in the thick of fundraising now, they’re also working with construction sites to acquire surplus material for the project and cut their expenses.

“We’ve made a commitment to these people,” Dutfield said. The goal is to begin construction of the project in the spring.

Models of the project are on display outside the Architecture 2 gallery. Donations to the project can be made to the University of Manitoba with Play-space in the tagline of the cheque and mail in care of Stewart Dutfield, 216 Architecture 2, Faculty of Architecture, University of Manitoba, Winnipeg, MB, R3T 2N2.