Enrolment climbs again

It’s looking like another record breaking year for enrollment at the University of Manitoba.

While the official attendance numbers were not available when the Bulletin went to press, the office of institutional analysis was expecting a slight increase in enrolment over the more than 27,500 students registered by the first day of classes last year.

But the increase is only expected to be by a slight degree. Student credit hours, the best mark of how busy the campus will be, are expected to be up by one or two per cent.

Institutional analysis director Thelma Lussier said the real story this year will be the increase in the number of international students at the university.

“We’re expecting the number of international students to increase about 16 per cent over last year,” Lussier said. It means the total number of international students attending the university is over 2,400 – just shy of the university’s goal of having ten per cent of its population composed of international students.

On Sept. 6, the newest U of M students rolled onto campus to take part in University 1 orientation sessions and there were over 100 people on hand to meet and greet them.

It was the first opportunity Agricultural and Food Sciences dean Michael Trenvan has had to take part in orientation and he loved the opportunity to shake hands with the new students.

“I think it’s a jolly good idea,” Trenvan said. “The students get a chance to see friendly smiling faces and we’re easily identifiable with these bright shirts.”

The university is a complex place, which makes having a string of sympathetic people along the road critical. It’s good for the students, but it’s good for the university too, Trenvan said.

“If we’re going to attract students we have to have a friendly welcoming atmosphere. This is one part of providing that,” Trenvan said.

U of M entranced by ‘Jingle King’

Wright donates $1 million to CMAD and music students

It may have been the best performance of his life.

Don Wright, Canada’s Jingle King, announced on Aug. 29 a $1-million contribution to the University of Manitoba in support of the university’s new Centre for Music, Art and Design (CMAD), as well as scholarships in the Faculty of Music.

But Wright, who turns 97 this month, did more than just make a donation during a morning filled with music, stories and laughter – he made a university fall in love with him.

“There’s a saying that goes, ‘He who gives while he lives, also knows where it goes.’ And that is what has happened here. What a plan you have. What a dream.”

Don Wright

The remaining $200,000 will support scholarships for University of Manitoba music students, which will be matched by funds from the Manitoba Scholarship and Bursary Initiative.

“I want my gifts to show faith in students at the University of Manitoba and CMAD, and to encourage others with a love of the arts to also show their support,” Wright said.

The Centre for Music, Art and Design is a collaborative project between the faculties of Architecture and Music, the School of Art and the Libraries. The centre will focus on innovative, collaborative scholarship involving all aspects of music, art and design.

Faculty of Architecture dean David Witty said CMAD will be like no other centre in Canada. Set for construction in the new Centre for Music, Art and Design will be unique in Canada as a building dedicated to the exploration of performance-based new media. Witty said, “This is a very new, emerging area and CMAD will position the University of Manitoba as a national leader in this type of collaborative scholarship.”

See WRIGHT/P. 2.
Here’s what you had to say about the Bulletin

More diversity, more students, more news. People want a lot of things from the Bulletin and when we asked them this spring what we can do to improve their university newspaper they had plenty to say.

In all, some 364 people took the time to respond to the survey, including 124 academic staff, 187 support staff and 34 retired employees. There was also a range of other respondents including students, alumni, a city counselor and a member of a sister university.

The people who did choose to respond to the survey were nearly all regular readers of the Bulletin – more than 95 per cent of them said that they read every issue or most issues of the Bulletin. How much they read varied, with 42.6 per cent saying they read almost all of it when they pick up an issue and 27.5 per cent stating that they read most of each issue. The rest of those surveyed read selections, perused the pictures or skimmered over headlines to see if there were stories that interested them.

When it came to picking a source for their university news, respondents were most likely to turn to the Bulletin – a tendency that was particularly strong among retired people.

Most people, over 75 per cent, felt they were getting sufficient information about what was happening at the university. However, 15 per cent of the people who responded to the survey felt they needed more news and information about the university.

The primary goal of the survey was to find out what people want from the Bulletin – areas they like to see more coverage in or less.

Respondents stated that they love the Event Listing, the Research News Page and stories focused on research and teaching. They wanted to learn more about government policy impacting the university, decisions of central administration and wanted to see more coverage of awards and honours being handed out to university staff. Readers would like to see where the university is making headlines and getting covered in the news. Respondents also wanted to see more coverage of student issues and they like the idea of more stories focused on support staff.

Respondents also want the Bulletin to take a look at the big picture – they want to see issues and discussed, opinions on higher education exchanged, and columns produced by university staff.

In other areas, respondents, though generally positive, said there was room for improvement in the appearance and look of the newspaper.

Bulletin readers can expect to see all of these areas addressed in the coming months. Throughout the fall, readers can expect to see a number of new columns rolled out that will help diversify the news in the Bulletin. The new columns will include: In the News, Marks of Achievements, a University Roundup of activities at other Universities, Appointments/Retirements, and What’s Your Thesis?

Perhaps more importantly, readers can expect to see more ‘voices’ in the Bulletin as we attempt to solicit columns and opinion pieces from staff members around the university.

To make room for these columns some areas of the Bulletin are going to be tightened up and we’re going to rethink how we put the Bulletin together to create a more dynamic design.

Readers also noted that they weren’t reading the Bulletin online and often were not aware that it was available online. The online service has already been improved with the addition of a fully downloadable pdf version of the Bulletin.

The full results of the survey are included on the Bulletin’s homepage at www.umanitoba.ca/bulletin.

As editor of the Bulletin, I would like to extend my personal thanks to everyone who took the time to answer our survey. I would also like to remind readers that the Bulletin is very much your newspaper. Your ideas, suggestions, story ideas and letters are always welcome.

Dale Barbour
Bulletin editor
474 8111
barbord@ms.umanitoba.ca

Here’s what you had to say about the Bulletin

Wright sees CMAD’S potential

From Page 1.

What happens when all those students come together is still anybody’s guess. “We really do not know all of CMAD’s possibilities,” Witty said. “We’re not sure where it will be in five, ten or 15 years.”

In some ways, Wright epitomizes what CMAD is all about. He has enjoyed a long and celebrated career as a composer, arranger, educator and philanthropist. He’s been a musician but in his own way also a businessman – best known for writing hundreds of jingles for brands such as Tide and Kelvinator.

But as president Emőke Szathmáry noted, his greatest passion might just be in the area of music education. Wright has created a foundation that has generously supported music education and music organizations across the country.

Faculty of Music dean Dale Lonis said Wright’s passion for music education will help emerging artists realize their full potential in a first-class, pioneering facility.

“The scholarships Dr. Wright has provided the Faculty of Music will allow the talented stars of tomorrow to follow their dreams,” Lonis said.

“His financial support for the CMAD project will be known as the catalyst that ignited a generation of creative collaboration that brought together musicians, artists, designers and entrepreneurs who believe in the human spirit and the power of education and music organizations.”
New Manitoban editors are on the hunt for stories

Sarmatiuk and Ballantyne want to continue the Manitoban’s ‘cooperative’ tradition

BY DALE BARBOUR
The Bulletin
For this year’s Manitoban crew, the goal is all about generating news.

“In terms of our news coverage we want to strive to be very active,” editor-in-chief Regan Sarmatiuk said. “We want to provide solid news coverage for students. We don’t just want to be taking press releases.”

Or put it another way: “We want to generate stories rather than follow them,” managing editor Robert Ballantyne said.

Sarmatiuk is a University of Manitoba student completing her arts degree in history and English. She’s not new to the Manitoban, however.

“I was the sports and health editor last year and I really enjoyed it,” Sarmatiuk said. “I thought working as editor-in-chief would be an exciting challenge and an opportunity to work with a lot of creative and talented people.”

Ballantyne, on the other hand, is an exception to the tradition of Manitoban staffers attending the U of M and working at the Manitoban on the side.

“I’m in my fourth year of a journalism degree at Byrerson University,” Ballantyne said. “Essentially I’m taking a year off to be here and avoid the pressure of academia.”

For both of them, the appeal of the Manitoban is the freedom it offers.

“I think it’s a really neat opportunity to do something here at an independent weekly newspaper that you wouldn’t be able to do otherwise,” Sarmatiuk said.

That freedom also extends to the cadre of volunteers and editors that help fill the Manitoban and to writers who want to get their material into print.

“The paper is intended to be a forum for the expression of ideas,” Sarmatiuk said.

“Everyone is welcome to contribute. I don’t think people actually realize how much the newspaper is open for their contributions.”

That openness also extends to the Manitoban’s run.

As editor-in-chief, Sarmatiuk tends to oversee the editorial side of the Manitoba while Ballantyne pays more attention to the business side – ensuring that the bills are paid and that the writers don’t have to think about the business of journalism.

But Sarmatiuk and Ballantyne are a crew of editors, reporters, and volunteers who all have their say in the Manitoban in one fashion or another.

“The atmosphere is very much like a cooperative,” Sarmatiuk said.

While they’ll be shaping the Manitoban over the next year, Sarmatiuk and Ballantyne will also be contemplating their own futures in journalism.

“I’ve really enjoyed my experience with the Manitoban – and I’m excited about being here this year – but I couldn’t see myself working for a major daily,” Sarmatiuk said. The future is open after she finishes her degree, but Sarmatiuk said currently she’s contemplating moving into education.

“I think journalism has been focused on journalism. Ballantyne is at a similar crossroads.

“I worked at the Toronto Star and I don’t know if the grind of a daily newspaper is for me, but we’ll see,” Ballantyne said.

Hicks receives genomics support worth $22.6 million

New funding from Genome Canada will put the University of Manitoba on the leading edge of a worldwide effort to better understand genetically based diseases.

On August 25, Genome Canada announced a total of $546 million in new funding for 33 genomics and proteomics research projects across the country. Genome Canada will provide $167.2 million, and $178.3 million will come from Canadian and international partners.

The announcement was made at CancerCare Manitoba by federal Industry Minister David Emerson. Other participants at the event included provincial Energy, Science and Technology Minister David Chomiak, Genome Canada president Martin Godbout, and Henry Friesen, distinguished professor emeritus and past chair of Genome Canada’s board of directors.

“We’re sending the signal that Canada is in the genomics game,” Emerson said. “Nowhere is the intersection of science and economics more profound than in the field of genomics.”

At the University of Manitoba, a project led by Geoff Hicks, Canada Research Chair in functional genomics, will receive a total of $22.6 million. Genome Canada will contribute up to $11.3 million for the project, the Government of Manitoba will provide $960,000, and the balance will come from international partners, including the European Commission and the National Institutes of Health in the U.S.

The project’s co-leader is developmental biologist Janet Rossant from the Hospital for Sick Children in Toronto.

Hicks, biochemistry and medical genetics, is director of the Mammalian Functional Genomics Centre at the Manitoba Institute of Cell Biology, a joint institute of the University of Manitoba and CancerCare. He is a leader in the field of “knockout” mice, specially-bred animals in which one gene is missing, or knocked-out.

The new project, called the North’s American Conditional Mouse Mutagenesis Project, aims to identify and characterize the functions of mouse genes.

Since humans and mice are genetically very similar, the project will provide important new information about the role of genetic changes in the development of human diseases.

“It’s terrific that a project of this scale is being led out of Winnipeg,” Hicks said. “It’s a great opportunity, and it really underlines the expertise we have developed here, and the strong support we’ve had in developing this facility.”

The project is a major part of the International Knockout Mouse Project, a worldwide effort to create knockout mice for every gene in the mouse genome.

“Knowing the function of every gene is intrinsically important, but it will also have a significant impact on our understanding of about 5,000 human diseases that we know to be genetically based,” Hicks said.

New medical students suit up for class

BY RENÉE BARCLAY
For the Bulletin
The Faculty of Medicine held its inaugural ceremony on Aug. 24 at the Bannatyne campus to welcome first-year medical students. This year, there was an increase in enrolment as part of an initiative to assist with alleviating Manitoba’s physician shortage.

Following the governmental approval to admit 93 students into the Class of 2009, it is now the largest group of new medical students at the University of Manitoba in more than 10 years.

J. Dean Sandham, dean of the Faculty of Medicine, welcomed the students and suggested they consider the profession they were entering as “more than a job”.

“It’s answering the opportunity to be part of a higher calling, and the calling is an extraordinary one,” he said. “It makes extraordinary demands. It requires commitment and adherence to professionalism,” he said, adding that as health care professionals, the students will ultimately work for society, which not only supports medical education, but grants it respect.

“As a faculty, we are very proud to welcome you into medicine,” echoed Bryan Magwood, associate dean (undergraduate medical education).

As part of the initiation ceremony, faculty members presented each student with a white laboratory coat and a lapel pin, partially supported by a grant from the Arnold P Gold Foundation.

The ceremony concluded with the students reciting the Hippocratic Oath before family, friends, instructors and future colleagues who had gathered in Theatre A for the ceremony.
University of Manitoba president Emőke Szathmáry and economics professor John Loxley were inducted into the Royal Society of Canada during a ceremony set for Nov. 27 in Ottawa.

The two U of M academicians were among the sixty new fellows and three foreign fellows that the Royal Society of Canada (RSC), the Canadian Academy of the Sciences and Humanities announced it would be adding to its ranks.

In keeping with the motto of the society, “different paths, one vision,” these newly elected fellows, while coming from diverse backgrounds and disciplines, all are dedicated to achieving excellence in their endeavours, and thus enhancing Canada’s competitiveness on a global basis.

The society also announced that fellows of the RSC will now include leading individuals from the Canadian arts community.

Election to the Royal Society of Canada is the highest honour that can be attained by scholars, artists and scientists in Canada.

“The society is now proud to celebrate the intellectual achievements of the new fellows”, said Gilles Paquet, president of the society. “We wish to recognize the extraordinary accomplishments of persons of talent, expertise and creativity in all fields, from experimental and applied science to health and medical sciences, and from social sciences and humanities to the various artistic domains.”

Canadians have directly benefited from the outstanding achievements of these individuals. The new fellows of the Royal Society of Canada are among those who, today, build the world we will live in tomorrow.

The Academy of Humanities and Social Sciences citations for Szathmáry and Loxley appear at right.

One University. Many Futures.

Loxley and Szathmáry inducted into Royal Society

Marks of Achievement

John Loxley

John Loxley is perhaps Canada’s leading critical economist who has spent his career critiquing the impact of orthodox economic policies and institutions on the poor in developing countries and in Canada, and developing alternative proposals for more equitable economic approaches. For many years he has analyzed monetary systems in Africa and proposed reforms to promote national or socialist aspirations. His work on the theory, design, and implementation of IMF/World Bank structural adjustment programs is recognized internationally. His writing on community and Aboriginal economic development in Canada, and the preparation of alternative budgets oriented toward the poor, the environment, and women, has also been widely influential.

Emőke Szathmáry

Emőke J.E. Szathmáry, a physical anthropologist known internationally for her pioneering research on the genetics of indigenous people of the arctic and subarctic. Her multidisciplinary work focuses on examination of genetic diversity through linguistic, ethnological, and archaeological contexts, and on the etiology of type-2 diabetes. She was the first to use genetic data to test theories about the origin of arctic and subarctic North Americans. Her research on the cause of type-2 diabetes provides an essential baseline for future research about the factors involved in diabetes onset. Since 1996 she has been president of the University of Manitoba.

Marks of Achievement

Dígir Jayas

Dígir Jayas received double honours this summer. In June, he was named a fellow of the Canadian Society for Bioengineering (CSBE/SCGAB) in recognition of his outstanding contributions to the engineering profession, in all aspects including academic, research and international activities. He is world-renowned for his research on drying, storing, handling and quality monitoring of grains and oilseeds and for his expertise on mathematical modeling of stored-grain ecosystems.

Academically, Jayas has been active in the training of highly qualified personnel, having supervised 12 Ph.D., 21 M.Sc. and 25 B.Sc. students. He has also supervised 12 postdoctoral fellows and research associates, and 10 visiting scientists.

Bu the honours didn’t end with the CSBE/SCGAB fellowship, in July Jayas was named a fellow of the American Society of Agricultural Engineers (ASAE). The ASAE credited Jayas, who holds a Canada Research Chair in Stored-Grain Ecosystems for his dedication and outstanding accomplishments as a researcher, administrator, teacher, author and contributor to technical societies.

Clinical Dentists

2 full-time, continuing positions

The Centre for Community Oral Health (CCOH) is a progressive, multi-site, not-for-profit organization that administers oral health outreach programs on behalf of the University of Manitoba. We require self-motivated, community minded dental professionals to work as part of our oral health team in Winnipeg dental programs.

Reporting to the CCOH director, the successful candidate will provide a wide range of clinical dental services within various long-term care institutions and community dental clinics in accordance with existing professional and program standards. Emphasis is also placed on oral health promotion and disease prevention.

Applicants eligible for Manitoba licensure should reply, in confidence, to: Dr. Doug Brothwell, Centre for Community Oral Health, Faculty of Dentistry, University of Manitoba, D1098-780 Bannatyne Avenue, Winnipeg, MB, R3E 0W2; Telephone (204) 789-3892, fax: (204) 789-3951; E-mail: brothwell@ms.umanitoba.ca.
Students Affairs puts new focus on student enrolment

BY DALE BARBOUR

The Bulletin

Student Affairs has a new look and a new way of focusing on managing student services, communication and promoting student development.

The new look is thanks to a department-wide reorganization that creates three distinct streams—the office of the registrar, under Neil Marnoch, enrolment services, under Peter Dugas, and student services under Lynn Smith.

Vice-provost (student affairs) Dave Morphy said his staff have created three ‘r’s focused on recruitment, retention and records.

Enrolment services look after the recruitment end of things, pulling together the admissions, recruitment, financial aid and awards, career and employment services departments and the English language centre. It’s a group of services that help students enter or pursue their education.

Student services is all about retention, drawing together the Aboriginal student centre, the international centre for students, student advocacy and resources services, the student counseling centre, and student health service. The various units all focus on giving the students the skills or help they need to achieve success once they’re in the university.

The registrar’s office takes over from the former student records office, but the name is the only real change. The registrar will continue to look after existent applications, communications, publications and events, student support and systems and records.

The strength of the new system is the focus it provides for each priority area. A focus that will also help Morphy do his job better. Previously, he had nine independent units reporting directly to him.

Robert Kerr, vice-president (academic) and provost added for me, this reorganization represents a fundamental change. Rather than Student Affairs being a service unit upon which students can draw, they are now firmly a part of the provost’s office. As such, they will assume a major role in working with the faculties to advance recruitment, retention and records through enrolment management, and career services development.

The new system creates an executive team with a clear understanding of where they need to concentrate and what they’re backed up by directors in each of their departments.

The change is part of the effort to address what’s going to become an increasingly difficult question of keeping enrolment levels up.

The university knows that enrolment is projected to decline in the next three years,” Morphy said. “The question is, how do we manage that situation. On the recruitment end, Morphy said the university has focused on international students and Aboriginal students but it also needs to reach beyond its regular Manitoba cohort to other areas of Canada.

“And once we bring them here we have to ensure they’re successful,” Morphy said. With that, much of the university’s support will be directed towards managing the students they need while attending university.

Included with the Student Affairs reorganization is a new link to the Faculty of Physical Education and Recreation Studies. While sport and active living director Walter McKee will continue to report to the dean of Physical Education and Recreation, he’ll also liaise with Morphy.

“This brings us together, which is critical, because sport and physical activity is such a key part of student life,”

Housing and student life will also continue to report directly to Morphy and to the department of ancillary services.

Fundraising effort requires a two-pronged approach

BY DALE BARBOUR

The Bulletin

The task of raising funds for the University of Manitoba calls on two different skill sets.

The public part of the job involves taking the case for support to the community, meeting people and talking about why the university is worthy of their support. The other part of the job happens behind the scenes. It involves keeping track of university supporters and their donations, and ensuring people are recognized for their support.

In order to distinguish these roles, the University of Manitoba has split the department of private funding into two new departments: the department of development and fundraising, and the department of advancement services to manage the administration of those fundraising efforts.

“The primary purpose for the division of the department is to enable the development office to focus completely on raising funds for the university,” says Elaine Goldie, vice-president (external). “Likewise, it is important to have the support of staff in advancement services, who can look after the administrative aspect of fundraising.”

Two new departments were officially launched on April 1 of this year. But they are really just coming into their own now with new directors for both units. Margot Hamilton became director of development in July, and Karen Woloschuk assumed the position of director of advancement services in early August. Advancement services is also wrapping up the installation of a new software system called Raiser’s Edge, which will be used to manage donor and alumni records.

While the department of development’s role could best be described as “getting out there and meeting people,” advancement services will have wider-ranging responsibilities.

It will work closely with the Alumni Association, faculties and departments on campus, providing them with information on fundraising from the university and helping to support their unique campaigns.

Advancement services will also do legwork for the department of development by providing background information on projects and potential donors.

As an added perk, Goldie said the creation of two tightly-knit departments was very clearly defined goals will help spark a new spirit of teamwork as staff from both departments work together to meet the fundraising goals of the university.

The Dr. Paul H.T. Thorlakson Foundation Fund

Successful Applicants for June 2005

<table>
<thead>
<tr>
<th>APPLICANT</th>
<th>DEPARTMENT</th>
<th>PROJECT TITLE</th>
<th>RECOMMENDED FUND</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bowan, Sarah</td>
<td>Community Health Sciences</td>
<td>Model of Integrated Medical Care</td>
<td>$22,000</td>
</tr>
<tr>
<td>Forsyth, Paul</td>
<td>Human Anatomy &amp; Cell Biology</td>
<td>Burn injury</td>
<td>$25,000</td>
</tr>
<tr>
<td>Frenette-Klemmich, Sabine</td>
<td>Human Anatomy &amp; Cell Biology</td>
<td>New generation targeted genes in cardiac epithelial cells</td>
<td>$20,000</td>
</tr>
<tr>
<td>Kohnen, Thomas</td>
<td>Human Anatomy &amp; Cell Biology</td>
<td>Role of ciliary ganglion in maternal endometrium</td>
<td>$22,000</td>
</tr>
<tr>
<td>MacNeil, Brian A</td>
<td>Medical Rehabilitation</td>
<td>Sensory Rehabilitation after Spinal Cord Injury</td>
<td>$16,800</td>
</tr>
</tbody>
</table>

Sub-Total $108,800

Announcements

Appointments

TONY ROGGE

Director

International Centre for Students

Tony Rogge was appointed director of the international centre for students, effective Sept. 7. Rogge will report to Lynn Smith, executive director, student services.

Rogge was a former member of the staff of the international centre for students from 1993 to 1994 when he was the resource coordinator/programmer. He has held a variety of positions since that time including work with the Trent International Program, SalvAide and International Systems in Ottawa, the Canadian Physicians for Aid and Relief and the Centre for International Health in Toronto. Most recently he was the director of programs for Canadian Physicians Aid and Relief.

Rogge’s strong background in international development in concert with his two experiences in Malawi with WUSC and with the coordination unit for rehabilitation of the environment will greatly assist him in his new role with the international centre for students.

KAREN WOLOSCHUK

Director of Advancement Services

While Woloschuk came from off-campus, she is no stranger to the University of Manitoba, as she held a succession of positions in the former department of private funding from 1994 to 2001, ending as senior development officer - special projects.

More recently, she was an independent consultant to the director for the Arts in the Exchange campaign (2001-02) and campaign manager for the Hebrew Jewish Community Campus (2003 to present).

Woloschuk has extensive experience both as a fundraiser and as an advancement services professional in the areas of database management, gift processing, prospect research and management, internal stewardship, donor recognition and development communications.

She is a member of the Association of Fundraising Professionals – Manitoba Chapter, and is chair of the Board of Manitoba A.L.I.V.E.

MARGOT HAMILTON

Director of Development

Hamilton is a graduate of the University of Manitoba, with a 1976 bachelor of arts, and a 1979 master of city planning.

Hamilton was previously director of development at Seabury Hall, a top college prep school on Maui, Hawaii, where she oversaw all fundraising activities including annual giving and capital campaigns.

She was also co-owner of a coffee company on Maui, and when she lived in Calgary she was executive director of development and licensing for the World Police/Fire Games, senior planner with the Calgary Police Service Planning Branch, and executive director of Community Horizons.

Hamilton also has extensive community service experience.

The Canadian Academy of Health Sciences (CAHS) is pleased to announce the appointment of two new members to the Board of Directors, effective September 1, 2005.

President and CEO of the Canadian Medical Association, Dr. Henry P. Wolfe, has been re-appointed to the Board.

In addition, two new members have been appointed to the Board:

Dr. Charles Tator, President of Sunnybrook Health Sciences Centre, Toronto and Chairman of the Board of the Canadian Association of Neuroscience.

Dr. Joyce E. Snow, President, University of Alberta, Edmonton and Chair of the Board of Governors of the Canadian Institute for Living with Disabilities.
Eigenbrod treads carefully with *Travelling Knowledges*

**Books by University Staff**

**BY DALE BARBOUR**

*The Bulletin*

If you’re a non-Aboriginal person studying Aboriginal literature, Native Studies professor Renate Eigenbrod has one piece of advice – wear your intellectual biases on your sleeve.

“We as non-Aboriginal people have to be careful,” Eigenbrod said. “If you’re not from an Aboriginal background, you have to be aware of your limitations – I have to be aware of my own limitations as a white middle class professor.”

Eigenbrod was born in Germany and received her first M.A. in German literature and history in Germany before moving on to get a second M.A. in comparative literature at the University of Alberta. A Ph.D. in English literature – and Aboriginal literatures in particular – came later in her career and led directly to *Travelling Knowledges: Positioning the Immigrant Reader of Aboriginal Literatures in Canada*.

Some people go so far as to state that it is impossible for non-Aboriginal readers to understand Aboriginal texts. That in *Travelling Knowledges*, Eigenbrod argues that “politically correct silence” does a disservice to Aboriginal literature which, like all literature, depends on being read, taught and discussed. "My goal is to position the immigrant reader," Eigenbrod said.

Having outlined the postcolonial concept of post nationality, Eigenbrod analyses a number of different texts in *Travelling Knowledges*, mostly fiction and poetry written by diverse Aboriginal authors in Canada in the eighties and nineties.

“I would like to get away from the concept of there being a homogeneous Aboriginal literature because we’re not just dealing with one group – there are, for example, Métis, Cree, Anishnabe and Okanagan authors as there are many different cultural groups of Aboriginal ancestry in Canada. We have to be aware of the variations among Aboriginal peoples and writers,” Eigenbrod said, instead of repeating the colonizing discourse of "the Indian."

The title *Travelling Knowledges* reflects one of Eigenbrod’s interpretations of Aboriginal literature – the inherent need to be mobile and fluid.

Everything about colonization confined Aboriginal peoples – it pushed them onto reserves, moved them into residential schools and tried to assimilate them to a European, "settled" style of life.

“However, although their own migrations were stopped by European (im)migrations, there is nothing static about Aboriginal culture,” Eigenbrod said. For example, in the literary texts, the language used often moves back and forth between English and an Aboriginal language. Or, while a narrator in some stories might speak in a formal tone, other characters slide comfortably into the vernacular. It is writing that refuses to be confined by boundaries, decolonizing writing.

“Aboriginal people have been ‘othered’ by Europeans, but now, in some of their own texts, they cast the Europeans in the role of the other,” Eigenbrod added.

The role reversal is played with in the cover of the book, a copy of a print by Anishnabe artist Ahmoo Angeconeb, which features two animals conversing and the tagline: "While the Caribou was in Europe, the stag asked... Would you help me be spiritual again?"

The cartoon reflects a growing European interest in Aboriginal culture – often in a new age fashion and not always in the most respectful manner.

Eigenbrod’s own interest in Aboriginal literature was sparked when she worked for Athabasca University in 1982. The post secondary institution of Blue Quills in Northeastern Alberta, where she was an instructor, had been created from a former residential school.

“At the time I had no idea of the history of Aboriginal residential schools and other issues of colonization,” Eigenbrod said. But when she was teaching courses in English literature to students primarily of Aboriginal descent the obvious question occurred to her.

“I asked them if they had a literature of their own and they said, ‘Yes, but no one really cares about it’.”

But Eigenbrod was interested and it turned out to be a turning point for her.

“If they had told me at the time, you’re not Aboriginal you should not be teaching this, I would have respected that,” Eigenbrod said. “But they were very encouraging and I took them up on it, researching Aboriginal literatures in Canada and eventually developing courses in this field.”

Native studies professor Renate Eigenbrod looks at a diverse range of Aboriginal texts in her new book *Travelling Knowledges: Positioning the Immigrant Reader of Aboriginal Literatures in Canada*.

U of M staff hit the links for annual golf tournament

Golfers use tourney to support food bank

The University of Manitoba fifth annual all staff golf tournament was held at the neighbouring Southwood Golf and Country Club on Aug. 22.

In keeping with tradition, the weather cooperated and it was a great sunny day. There were 104 staff attending from many university departments.

The tournament was endorsed and supported by vice-president (administration) Debbie McCallum.

The tournament not only provided an opportunity for staff to get together but also a fundraiser in order to provide food for needy students.

The staff brought dry goods and donated cash in the amount of $452. Erin Reddick, financial aid and awards, received the donation to supplement the expenses many students have at this time of year.

Peter Diakiew, physical plant, made and donated a trophy that will be given annually to the winning team.

This year’s winning team was Dave Brown, Larry Merrick, Warren Barker, and David Wakaluk with a score of 62. The second place team who lost on a countback was Ron Davey, Jack Hoplock, Jared McKetiak Shum and Darryl Smith.

The women’s longest drive was won by Janice Sisson. The men’s longest drive by Andy Megyeri and the closest to hole, by Rick Bennett.

Tournament organizers, Ed Matias, Linda Lavallée and Jim Rafits have already been receiving requests from staff to be included in next year’s tournament.

University of Manitoba employees, from left, Dave Burton, Dave Murphy, Wade Glew and Lynn Smith took part in the fifth annual all staff golf tournament at the Southwood Golf and Country Club on Aug. 22.

Photo by Dale Barbour

Photo by Dale Barbour
Planning for work after graduation starts at U 1

Debrowski say the sooner students prepare for life after graduation the better

A Day in the Life of a Career and Employment Advisor

BY DALE BARBOUR

If career and employment advisor Penny Debrowski had her way students would kick off their career planning on their first day of university.

“We’re proactive. We like to get them early,” Debrowski said. “If we can reach students in their first year of university we can talk to them about how to better prepare themselves for the future labour market while going to university”.

But it’s not always that easy.

“We still get people who graduated in May coming to us in August saying, ‘I’ve had my break and I’m ready to start my job search now,’” Debrowski said. “And of course it’s more difficult then.”

Debrowski is one of three advisors with career and employment services. They each focus on different areas of the university, though the boundaries aren’t carved in stone. Debrowski, for example, specializes in engineering, medical rehabilitation, architecture and acts as the university co-op program liaison, promoting the various co-op and internship programs at the university to both employers and students.

The most obvious part of Debrowski’s job is working with students to help them with their career planning, to hone their job search skills and to assist them in the development of their personal marketing plan.

“We’ll go over resume preparation, take them through mock interviews, teach them job search techniques and how to get the most out of a job forum,” Debrowski said. Often the work is with groups of students and coordinated with faculties across campus. But looking for work and getting interview skills is also a personal affair and Debrowski said the group sessions often lead to one on one sessions with students.

“The job is two-fold,” Debrowski added. “We also try to bring students together with employers and vice versa, so a lot of my time is spent with employers.”

Career and employment services can act as the contact point when employers are looking to recruit students or hold interviews on campus.

“We do some marketing to employers but a lot of it is through networks that we have developed with the employer base over the years,” Debrowski said. “We have a pretty good reputation because of the service we provide and the quality of our graduates.”

In some cases, career and employment services can help lesser known employers enhance their profile on campus.

Working at the University of Manitoba is both a second career for Debrowski and a home coming. A U of M alumni herself with a bachelor of science degree in home economics, she worked for 29 years with Human Resources Skills Development Canada including a four-year stint at the university back when the federal government looked after employment services on the campus.

“Eight years ago I decided I needed a career change,” Debrowski said. “My last 15 years with the federal government had been in a management position and I found I missed the client contact.”

As a graduate and having already worked on campus herself, Debrowski said the position at the U of M seemed like the perfect fit when it came open.

“It was going to be an eight-month sessional position but it quickly became full time,” Debrowski recalled. Perhaps the best part of working at the university is that she’s dealing with people that are all keen about launching their careers.

“These people want to be here,” Debrowski said. “They’re a great clientele – very positive and very appreciative of the information you can give them.”

It’s that time of year!

The beginning of September means there is a fresh group of students on campus and they might just need some help finding their way. Derek Brewin gives University 1 students Tannis Evans, left, and Kelci Lavallee directions during the first day of orientation on Sept. 6. Brewin was one of over 100 meeters and greeters who fanned out across campus to give the new students directions and a friendly smile.
Events Listing

Homecoming has plenty to offer

There’s never been a better reason to come home to the University of Manitoba.

Taking place from Sept. 22-25, Homecoming 2005 is offering more events than ever including the return of the Homecoming football game on Saturday, Sept. 24.

Along with watching the Bison square off against the SFU Clan, spectators can catch the media football game as part of the halftime show. Winnipeg’s top media stars will be divided into two teams and sent to square off against each other.

“How many current students are an important part of Homecoming, the weekend offers a wide range of activities for alumni and the general community,” says Karen Gamey, executive director of the Alumni Association.

This year, 27 classes have planned a reunion or reception during Homecoming with activities across both the Fort Garry and Bannatyne campuses as well as throughout the city. These classes range in graduation years from 1935 to 1995.

“Homecoming really is a university-wide event,” says Gamey. “Over the past several years, the Alumni Association has been strengthening its relationships with faculties and working together. As a result, more faculties are planning their events during Homecoming and we can help promote them. We’ve found that many graduates in town to attend their reunion also attend these faculty activities.”

Among the signature faculty events will be Arts Celebrating Arts on Friday, Sept. 23. The Faculty of Arts will recognize students, faculty and its alumni of the year at the annual event.

Fort Garry Campus

TUESDAY, SEPTEMBER 27
Archives and Special Collections, Ellis Island and Castle Garden Immigration 1895-1954 by Barry Moreno, librarian and historian with the Statue of Liberty National Monument and Ellis Island Immigration Museum, Great Hall, University College, 7 p.m., Tuesday, Sept. 27.

WEDNESDAY, SEPTEMBER 28
Education, Leadership for School Improvement by Joseph Murphy, associate dean and professor of education, Peabody College of Education, Vanderbilt University, Nashville, 224 Education Building, 7:30 p.m., Wednesday, Sept. 28.

FRIDAY, SEPTEMBER 30
Psychology, Flirtatious Glances and Brave Overtures: Self-esteem and the Risky Business of Making the First Move by Jessica Cameron, department of psychology, 4112 Duff Roblin Building, 3 p.m., Friday, Sept. 30.

Advertise in The Bulletin. For details call 474 8111

Bison Sports

FOOTBALL
Sept. 10 – Saskatchewan at Manitoba, University Stadium, 1 p.m.
Sept. 24 – SFU at Manitoba, University Stadium, 1 p.m.

MEN’S HOCKEY
Sept. 16 – Black and Gold Intrasquad, Max Bell, 7:05 p.m.
Sept. 17 – Black and Gold Intrasquad, Max Bell, 7:05 p.m.
Sept. 29 – Bison vs. Manitoba Moose, MTS Centre, 7 p.m.

WOMEN’S HOCKEY
Sept. 24 – Bison Invitational, Max Bell, Time TBA.

WOMEN’S SOCCER
Sept. 9 – Lethbridge at Manitoba, 5:30 p.m.
Sept. 11 – Lethbridge at Manitoba, 10 a.m.
Sept. 17 – Under 18’s at Manitoba (non-conference game), Time TBA.
Sept. 18 – Senior Women’s at Manitoba, Time TBA.
Sept. 29 – TWU at Manitoba, 4 p.m.

WOMEN’S VOLLEYBALL
Sept. 30-Oct. 2 – Winnipeg Invitational Tournament at Winnipeg, Time TBA.

TICKET INFORMATION
Single Game
Adults: $8
Students: $5
12 and under: free
Season passes
Adult: $55
Student: $30

Tickets available at all Bison home games, Frank Kennedy, Max Bell Equipment Desk.

www.umanitoba.ca/bisons/

Homecoming 2005 events

GALA CONCERT
Thursday, September 22
7 p.m., Eva Clare Hall

CAMPUS TOURS
Friday, September 23
10 a.m. and 2 p.m., Alumni House

HOMECOMING FOOTBALL GAME
Pre-game party with kids games and entertainment. Half time will feature a media football game. Saturday, September 24
Doors open at 11 a.m. with kick off at 1 p.m., University Stadium

TUESDAY, SEPTEMBER 15
Arthur V. Mauro Centre for Peace and Justice, The Prospects for Reconciliation in the Arab-Israel Conflict by Yaacov Bar-Siman-Tov, Giancarlo Elia Valori Professor of International Relations for the Study of Peace and Regional Cooperation, The Hebrew University of Jerusalem, Hanley Hall, St. Paul’s College, 7 p.m., Thursday, Sept. 15.
Free parking, Free admission. For more information contact Ariann, 474 6052.

THURSDAY, SEPTEMBER 15

TUESDAY, SEPTEMBER 13
Computational and Electrical Engineering, Negative-refraction transmission Metamaterials and their Applications by George Eleftheriades, University of Toronto, Senate Chambers, 245 Engineering Building, 10 a.m., Tuesday, Sept. 13.

Physics and Astronomy and Food Science, In situ study of the proofing and baking of bread dough by x ray tomography by Perrine Bahin, Institut National Polytechnique de Grenoble, Grenoble, France, 330 Allen Building, 4 p.m., Tuesday, Sept. 13.

FRIDAY, SEPTEMBER 9

Brian Macpherson, past president of the Alumni Association, leads campus tour during Homecoming last year.
THURSDAY, SEPTEMBER 15

Pediatrics and Child Health Weekly Rounds, What Canadian Infants Are Eating: What’s New! by James Friel, Theatre A Basic Medical Sciences Building, linked to General Hospital, Bannatyne Campus, 8 a.m., Thursday, Sept. 15.

Immunology, SRA: a new kind of molecule expressed in breast cancer by Etienne Leuga, biochemistry and medical genetics, Immunology Library 605 Basic Medical Sciences Building, 12 p.m., Thursday, Sept. 15.

WEDNESDAY, SEPTEMBER 21

Obstetrics, Gynecology and Reproductive Sciences Grand Rounds, Current Understanding and Approach To Polycystic Ovary by Dr. S. Svetnuky, resident, department of obstetrics, gynecology and reproductive sciences, Theatre A Basic Medical Sciences Building, with links to NG002 Nursing Building St. Boniface General Hospital, 201 Thompson General Hospital, Brandon Regional Health, 7:45 a.m., Tuesday, Sept. 21

THURSDAY, SEPTEMBER 22

Manitoba Institute of Cell Biology, DNA repair in chlorambucil resistance in CLL by Lawrence Panasci, director, department of medicine and oncology, Medical Sciences Building, ON2134, Health Sciences Centre, 4 p.m., Thursday, Sept. 22.

Looking for career options?

The 26th annual AIESEC Careers Day is set for Tuesday, Sept. 20, Multi-purpose Room, University Centre.

The careers day includes 50 companies including some of the top business in Winnipeg, nationally and internationally such as Rice Financial, MTS, The Great-West Life, Boeing, Investors Group, CGA Manitoba, and Landmark Feeds (Maple Leaf Group).

The annual Careers Day is a crucial part of AIESEC Manitoba, a student run organization, in carrying out its mission to bridge and strengthen the ties between the business community and university students. AIESEC Careers Day is the largest annual job fair on campus with a 70 per cent registration rate of participants each year and more than a thousand students attending the event.

AIESEC Careers Day is the only job fair on campus that is open for all students from all faculties and it’s also open to the public. Employment opportunities offered by the companies include part-time, full-time, co-op and internship opportunities. More than a hundred positions offered by companies to engineering, science, commerce, agriculture and arts students.

Positions are also available for pharmacy, nursing, medicine and students from all faculties.

The careers day is not only for graduating or graduate students but also students in their first, second and third year who would like to explore possible career paths and to know more about the career opportunities available for them within these companies. Students could gain insights about the company culture and what qualities are looking for in the possible employees.

Prizes will be drawn at every hour for students who come to Careers Day, tickets will be given out on the day of the event.

For keen students who would like to get ahead of the others, a free copy of AIESEC Careers Day booklet is available at RM.266 Drake Centre. For more information, please visit www.umanitoba.ca/aiesec/careersday.

Arts & Entertainment

Faculty of Music

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

ALUMNI HOMECOMING CONCERT

Eva Clare Hall, Faculty of Music, 7 p.m., Thursday, September 22

MUSIC EVENTS

Music at Midday, faculty recital Michael Matthews, Eva Clare Hall, 12-25 p.m., Friday, Sept. 16.

St. John’s College

St. John’s hosts events in its Quiet Room Gallery, Room 111. Gallery hours are 10 a.m. to 4 p.m., Monday to Friday, but please contact 474 8531 to confirm.

My Beautiful War

By Paul Robles

September 13 to October 20

“My Beautiful War” features new works based on the ideas of conflict, the seduction of battle and the perversion of war. These works are unique and full of intricate details that reproduce symbols and images from contemporary culture. The confrontational nature of the subject matter provides a startling contrast to the works delicate, lacy, Asian-influenced form and tradition. This contrast, according to the artist, is designed to convey an uneasy mixture of cultural traditions, with links toost to Genotypy and Back Again Dr. A.

ARCHIVES AND SPECIAL COLLECTIONS

It’s All Relative: Celebrating the 120th Anniversary of Einstein’s Theory of Special Relativity

September 2 to October 3

Science and Technology Library

Archives and Special Collections celebrates the 100th Anniversary of Einstein’s Theory of Special Relativity with a special display in the Sciences and Technology Library. The display includes Albert Einstein’s letter to U. M professor Frank Allen and rare physics texts.

Learning from Ellis Island

The University of Manitoba Archives & Special Collections is pleased to present a special evening with guest speaker, Barry Moreno, 7 p.m., Tuesday, Sept. 27, in the Great Hall, University College.

Moreno’s lecture is entitled Ellis Island and Castle Garden Immigration 1910-1954.

Morena is the author of several books, including, Ellis Island, The Statue of Liberty-Encyclopedia Italian Americans, and the Encyclopedia of Ellis Island. He is one of the foremost authorities on the waves of immigration that passed through the American control ports of Ellis Island and Castle Garden.

Moreno’s lecture will focus on the time period from 1855-1954, when countless Immigrants first set foot on North American soil via Ellis Island and Castle Garden. Many of these immigrants continued their journey northward to Canada, where they created new roots for themselves and their children. Moreno will also discuss investigating one’s roots by searching the incredible genealogical resource, The Ellis Island Database.

Bannatyne Campus

ST. BONIFACE RESEARCH CENTRE

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

FRIDAY, SEPTEMBER 9

Pediatrics and Child Health Intake Rounds, Cystic Fibrosis by Marni Hanna, CHH181/183, Children’s Hospital, Health Sciences Centre, 8 a.m., Friday, Sept. 9.

INSTITUTE OF CARDIOVASCULAR SCIENCES SEMINAR, Hypertrophic Cardiomyopathy: From Phenotype to Genotype and Back Again Dr. A. Jamil Tajik, professor of medicine and pediatrics, division of cardiovascular sciences, Mayo Clinic College of Medicine, Rochester, Minnesota; Samuel N. Cohen Auditorium, St. Boniface General Hospital Research Centre, 3 p.m., Friday, Sept. 9.

MONDAY, SEPTEMBER 12

Medical Microbiology, Inmate immunity: problems in the prison and vaccination by Lorne Babik, director, vaccine, infectious and disease organization, University of Saskatchewan, 540 Basic Medical Sciences Building, 8 a.m., Monday, Sept. 12.

TUESDAY, SEPTEMBER 13

Pediatrics and Child Health Weekly Rounds, Radiology Session by Martin Ritchie, CHH218/219, Children’s Hospital, Health Sciences Centre, 8 a.m., Tuesday, Sept. 13.

WEDNESDAY, SEPTEMBER 14

OBSTETRICS AND GYNECOLOGY POSTGRADUATE AWARDS, Work Hours and the Practice Of Medicine by Meritha Faye, resident, department of obstetrics, gynecology and reproductive sciences, Theatre A Basic Medical Sciences Building, with links to NG002 Nursing Building St. Boniface General Hospital, 201 Thompson General Hospital, Brandon Regional Health, 7:45 a.m., Tuesday, Sept. 14.

The Bulletin publishes events involving the university community.

E-mail events to barbourd@ms.umanitoba.ca or fax, 474 7651.

The deadline for the Sept. 22 Bulletin is Sept. 14 at 4:30 p.m.
University round-up

Here’s a look at what’s happening at other universities across Canada:

UNIVERSITY OF BRITISH COLUMBIA
The University of British Columbia opened the doors to its new kelowna based campus this month. UBC Okanagan takes over from the former Okanagan College, and the new campus will service Kelowna and the central Okanagan valley which have a combined population of 150,000 people. UBC Okanagan is expected to have 7,500 students by 2009. From UBC Reports.

QUEEN’S UNIVERSITY
The Royal Kingston Curling Club has agreed to sell its property to Queen’s University. The university intends to use the property as part of a $250 million building project that will combine student life and athletic facilities and a new home for the School of Physical and Health Education. The project will be built over a ten-year period with the groundbreaking expected to take place in 2007. The curling club is planning to build a new state-of-the-art facility. From the Queen’s Gazette.

Bison take on the SFU Clan in Homecoming game

BY CHRIS ZUK
Bison Sports Information Officer

The Manitoba Bison football team, in conjunction with Shaw TV Manitoba, is proud to announce a partnership to return Bison Football to the local airways for the first time in over a decade.

The Homecoming Game (September 24) against the Simon Fraser Clan at University Stadium will be shown on Shaw TV Manitoba (Channel 11) at 1 p.m. A major sponsor of the televised game will be the Manitoba Alumni Association.

FACULTY OF ARTS
Department of Psychology

Position: Assistant professor in the area of developmental psychology
Start date: July 1, 2006
Salary: Commensurate with the qualifications and experience
Application deadline: Nov. 15
Position number: AKZ679
For Information: Professor Harvey Keselman, chair, department of psychology, University of Manitoba, Winnipeg, MB, R3T 2N2.

Position: Assistant professor in the area of school psychology
Start date: July 1, 2006
Salary: Commensurate with the qualifications and experience
Application deadline: Nov. 15
Position number: MB756
For Information: Professor Harvey Keselman, chair, department of psychology, University of Manitoba, Winnipeg, MB, R3T 2N2.

Faculty of Law

Position: Assistant professor – while the faculty will consider all applications, it has a particular interest in hearing from those with an interest in the area of public law
Start date: July 1, 2006
Application deadline: Dec. 1
Position number: MB489
For Information: Dean Harvey Secker, Faculty of Law, University of Manitoba, Winnipeg, MB, R3T 2N2, phone 474 9282, fax 474 7890, e-mail Harvey Secker@umanitoba.ca.

Facility of Medicine

Position: Research data analyst
Salary: Commensurate with the qualifications and experience
Application deadline: Oct. 7
Position number: 02551
For Information: Mr. Keith McConnell, director of operations, Faculty of Medicine, University of Manitoba, 260 Brodie Centre, Winnipeg, MB, R3E 3P5

Faculty of Science

Position: Tier II Canada Research Chair in Structural Biology at the rank of associate or assistant professor
Start date: July 1, 2006
Application deadline: Oct. 14
Position number: 02095
For Information: Dr. M. Abrahams, assistant dean, Faculty of Science, University of Manitoba, Winnipeg, MB, R3T 2N2.

Faculty of Social Work

Position: Instructor 1
Start date: Oct. 17 or as soon as possible thereafter
Salary: Commensurate with qualifications and experience
Application deadline: Oct. 8
Position number: MB768
For Information: Dean of Social Work, Faculty of Social Work, University of Manitoba, 522 Tier Building, Fort Garry Campus, Winnipeg, MB, R3T 2N2.

CLASSIFIED ADS

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

VISITING TORONTO?


Remember, it’s YOUR Bulletin! The Bulletin welcomes: news tips, photo ideas and event submissions. For information call 474 8111

UNIVERSITY OF MANITOBA RESEARCH SUPPORT PROGRAMS

To encourage the development of research, the University offers a number of research support programs. These programs are administered by Research Services and Programs, on behalf of the University. For further information on these programs (i.e., program priorities and guidelines, application procedures, etc.), contact the appropriate person listed below or access the forms via the Web at: http://www.umanitoba.ca/research/ors/internal/

<table>
<thead>
<tr>
<th>NAME OF PROGRAM</th>
<th>PURPOSE</th>
<th>DEADLINES</th>
</tr>
</thead>
<tbody>
<tr>
<td>University Research Grants Program (URGP)</td>
<td>Support the growth of the University — highest priority in the provision of grants to new faculty members (those in the first 3 years of their appointment)</td>
<td>October 15 (New Staff) March 1 (Established Staff)</td>
</tr>
<tr>
<td>UMS/SSHRC Research Grants Program (UMS/SSHRC RGP)</td>
<td>To provide support for small-scale research projects in the sciences and humanities — open to researchers in disciplines supported by SSHRC</td>
<td>October 15</td>
</tr>
<tr>
<td>UMS/SSHRC International Conference Travel Grants Program (UMS/SSHRC TOPG)</td>
<td>To provide support for researchers to take part in international conferences of major scholarly significance — open to researchers in disciplines supported by SSHRC</td>
<td>October 15</td>
</tr>
<tr>
<td>Leave Research Grant Program</td>
<td>To designate part of applicant's salary as a grant-in-aid of research conducted while on research/study leave</td>
<td>2 months prior to leave</td>
</tr>
<tr>
<td>Self-Funded Research Grant Program</td>
<td>To designate part of applicant's salary as a grant-in-aid of research conducted while on leave from the University (within one calendar year)</td>
<td>September 30 January 31 May 31</td>
</tr>
<tr>
<td>The Dr. Paul H.T. Thorlakson Foundation Fund</td>
<td>To provide support for basic or applied research in the health sciences — highest priority is provision of support to new independent researchers who are first-time applicants to the Fund</td>
<td>April 15</td>
</tr>
<tr>
<td>Samuel Weiner Distinguished Visitor Award</td>
<td>To bring distinguished scholars who are making outstanding contributions to their field(s) of research to the University for visits of up to one month</td>
<td>May 1</td>
</tr>
</tbody>
</table>
Chemists collaborate on new high-tech polymer

By Frank Nolan, Research Promotion Officer

A team of University of Manitoba chemists has developed a new way to strengthen the conducting polymers used in a variety of new technologies, including micro-robotics and polymer-based electronics.

Michael Freund, Canada Research Chair in Conducting Polymers and Electronic Materials, and inorganic chemist Scott Kroeker, an expert in solid-state nuclear magnetic resonance (NMR) spectroscopy, led the project. Their findings have recently been published in Chemistry of Materials, the most highly-cited journal in material science, and highlighted in the journal, Nature.

Polymers are large molecules made up of smaller molecules linked together to form chains. Freund and Kroeker are studying a particular class of polymers that conduct electricity (conducting polymers) as a result of being “doped” in a process similar to that used to make silicon-based microelectronics. Scientists are working with conducting polymers for such high-tech applications as organic light-emitting diodes and adaptive camouflage.

“One of the problems with conducting polymers is that they tend to be mechanically unstable,” Freund said. “They are also thermally unstable, so when you heat them up, the dopant you added to allow them to conduct electricity simply evaporates away and you lose everything.”

The team synthesized a stronger polymer by crosslinking the polymer chains so that the links themselves become the dopant.

“We were able to come up with a much higher molecular weight polymer,” Freund said. “It’s a lot harder, almost like a ceramic, and it’s thermally more stable, so it solves a lot of these problems.”

A key component of the research was the innovative use of NMR to understand why the new polymer has such interesting mechanical and electronic properties.

“I was a little reluctant to use NMR to look at this material, because putting a conducting material into a strong magnetic field can cause some problems,” Kroeker said. “The material will heat up, especially when you spin it, and our machine spins at about 16,000 revolutions per second. In these cases, you can have all kinds of things going on that can jeopardize the magnet’s stability and the electronics of the probe. In other words, it’s kind of dangerous.”

To effectively examine the molecular-level structure of this polymer, Kroeker had to change the way he used the NMR experiments. While carefully monitoring the instrument’s power levels, temperature, and spinning speed, he found a way to optimize one area of the spectrum, filtering out unwanted signals.

“My faith in the NMR of this kind of material has really been bolstered,” he said. “We did something very interesting here, and in the future we’re going to be a lot more willing to look at materials which supposedly can’t be studied by NMR.”

Both Freund and Kroeker credit support from the Canada Foundation for Innovation (CFI) for making this research possible.

“This is CFI-funded infrastructure, both in my lab for the synthetic part of it, as well as in Scott’s setup in terms of the NMR,” Freund said. “The purpose of CFI infrastructure is to allow us to do cutting-edge research and to encourage collaboration and interaction, and this project is a perfect example of that.”

U of M physicist puts a new spin on spintronics

By Frank Nolan, Research Promotion Officer

Groundbreaking work by a team of theoretical physicists at the University of Manitoba could bring the futuristic world of spintronics one step closer to reality. The research, recently published in the American Physical Society’s prestigious journal, Physical Review Letters, solves one of the major problems in this fast-growing field.

In current transistor technology, from the simplest household gadget to the most sophisticated super computer, information is transported by the charge of electrons. With spin electronics, or “spintronics”, scientists are looking at ways to transport information using the spin of electrons, which could lead to much faster processing speeds, lower electrical power consumption, and greatly reduced size for electronic devices.

“Spintronics could really revolutionize our concept of what can be done with electronics,” said Tapash Chakraborty, Canada Research Chair in Nanoscale Physics. “For example, spintronics would play a major role in the development of quantum computers that could solve in a matter of seconds things that would take our current classical computers years to complete.”

Chakraborty’s team is studying the interaction of electron spins in quantum dots, tiny semiconductors measuring only a few nanometers in diameter. In quantum dots, scientists can inject one electron at a time, and the spin of each electron is very well defined.

“If you have a quantum dot with two to four electrons, the major challenge is finding a way to manipulate electron spin, control it, and detect it at the end,” he said. “There are discrete energy levels in quantum dots, and you need a certain energy for an electron to jump from one level to the next. When that happens, the electron emits light which can be seen using far infrared spectroscopy.”

Chakraborty and his team constructed huge, one million by one million “monster matrices” to calculate the probabilities of electron spin jumping from one level to another. Using the monster matrices, the team was able to define all of the energy levels in quantum dots containing one to four electrons, including all of the possible transitions.

Chakraborty’s team is one of only a few groups in the world capable of this kind of computation, and they were the first one to solve it.

“We now have results that provide an accurate prediction of all of the transitions that will take place, including the effects that experimentalists will see in the laboratory,” Chakraborty said. “For the first time, in the context of spin control, we have shown exactly how these electrons will behave, and we have mapped out their optical signatures.”

Chakraborty now plans to extend this research by looking at systems of two coupled quantum dots. These coupled systems will be necessary to generate the quantum bits that will be used in the quantum computers of the future.
Friesen honoured as picture perfect researcher

Library dream takes U of M student across Canada

By Renée Barclay

For The Bulletin

The walls of the Neil John Maclean Health Sciences Library at the Bannatyne Campus will soon display a portrait of one of the University of Manitoba’s best known and influential professors.

A portrait of Henry Friesen, commissioned by GenomeCanada, will be hung in the library in recognition of his outstanding contributions to the medical and scientific community in Canada.

Friesen, who founded GenomeCanada – a corporation created to spearhead the development of genomics research and its impact in Canada – was formally recognized at a portrait unveiling in the Joe Doupe Concourse at the Bannatyne Campus on Aug 23.

“They were thinking of hanging (the portrait) at Dr. Friesen’s former residence, but there have been so many awards, there was no wall space,” joked Arnold Naimark, a board member of GenomeCanada and the former president at the University of Manitoba, who was among the spouses at the unveiling. Naimark outlined Friesen’s many accomplishments spanning his entire scientific career, which began as a researcher in endocrinology at the New England Medical Center in Boston. A medical graduate from the University of Manitoba, Friesen went on to take academic appointments at McGill University (1965 to 1973) and the University of Manitoba (1973 to 1992). He was determined to see biomedical science progress in Canada, and became well known on Parliament Hill as an advocate for the advancement of research.

In addition to his leadership roles at GenomeCanada and the Medical Research Council of Canada, he was the guiding force that led the government to establish the Canadian Health Services Foundation. His efforts eventually led to improvements of the Medical Research Council, and his leadership and tireless effort set the stage in 2000 for the establishment of the Canadian Institutes of Health Research (CIHR).

He is renowned for discovering the human pituitary hormone prolactin and its role in health and disease, particularly as a major cause of infertility. His work helped bring about new therapies and an effective treatment for women around the world.

Among his achievements, Friesen was named a distinguished professor emeritus at the University of Manitoba, he received the Order of Manitoba, and was made a member of the Canadian Medical Hall of Fame. He was also awarded the Distinguished Leadership Award from the CIHR.

“He represents the best of medicine. It is an absolute pleasure to be in a situation where we can celebrate him,” Naimark said.

“It is not every day that someone has a portrait unveiling, but Dr. Henry Friesen is not an ordinary person,” said Martin Godbout, president and CEO of GenomeCanada.

The portrait depicts Friesen smiling at his desk, holding his glasses. The work, done by Winnipeg artist, Bette Woodland, also prominently displays his wedding band.

“I’ve had the unique opportunity of being at the right place at the right time and dealing with the right people. GenomeCanada is the last big enterprise I’ll be part of,” Friesen said, adding he is particularly grateful to his wife, Joyce, for being his “encourager, critic, and support system.”

“I am especially pleased the university chose the library for the portrait. It is the repository, the crucible where the fruit of science is collected.”

Friesen is not an ordinary man. For the past two years, University of Manitoba arts student Arthur Guobin Yin has been turning a dream into reality.

Yin is the creator and driving force behind the Library Dream Project which is currently being stored in Missisauga. The non-profit library in Shenyang, China – some 1,000 books have already been sent over to China as part of the project, and Yin expects to see a batch of 10,000 more head over this fall. He’s currently on a month collecting books – which are currently being stored in Missisauga.

“The project depicts Friesen smiling at his desk, holding his glasses. The work, done by Winnipeg artist, Bette Woodland, also prominently displays his wedding band.”

Friesen is not an ordinary man. For the past two years, University of Manitoba arts student Arthur Guobin Yin has been turning a dream into reality.

Yin is the creator and driving force behind the Library Dream Project which is currently being stored in Missisauga. The non-profit library in Shenyang, China – some 1,000 books have already been sent over to China as part of the project, and Yin expects to see a batch of 10,000 more head over this fall. He’s currently on a month collecting books – which are currently being stored in Missisauga.

The experience led him to change his education goal from business to history and launched the library dream project. Bowler helped edit Yin’s letter of explanation for the project, has thrown his name behind it and donated 30 books of his own, but he said the driving force really is Yin.

“He’s an earnest guy. He has a group of helpers around here and across the country,” Bowler said.

Indeed, Yin has been working with those partners as he tours Ontario this month collecting books – which are currently being stored in Missisauga.

“Since we’re about 4,000 professors from University of Manitoba, Winnipeg, Toronto, Ryerson, York, Carlton, Ottawa, and Western Ontario to Queen’s who have contributed books for China,” Yin said.

“Library dream project is now a registered charity in Canada accepting books and cash donations. For more information go online to www.librarydream.com.

Shuttle buses ready to transport students and staff between Fort Garry and Bannatyne

The Fort Garry-Bannatyne Shuttle will be available to ferry students and staff between campuses, beginning at 7:15 a.m. weekdays. The last shuttle leaves as late as 6:15 p.m. from Fort Garry to the Brodie Centre at the Bannatyne Campus. Those who travel between campuses are encouraged to take advantage of this free service.

The Fort Garry Express is a 35 passenger bus, fully accessible to people with disabilities, will operate weekdays from 7:30 a.m. to 9 a.m. with exclusive stops in SD Lot, Smartpark, U Lot, and Tier Bldg.

The Fort Garry Shuttle bus will operate weekdays from 9 a.m. to 5 p.m., stopping approximately every 15 minutes at designated stops all around campus including Smartpark and SD Lot. Beginning at 5 p.m. weekdays, the UMSU-operated Bison Patrol van will run the Fort Garry shuttle route until 9 p.m.

Route maps and other details on the Fort Garry Shuttles and Bison Patrol available at Answers Information Booth, Parking and Shuttle Services Office (125 U), Security Services Bannatyne Campus (open 24 hours) and online at www.umanitoba.ca/parking.