What a year it was!

Addressing an audience of colleagues, students and members of the community, senior University of Manitoba administrators recapped a year of achievement and growth Sept. 20 during the university's annual general meeting.

Summarizing what University of Manitoba president and vice-chancellor Emőke Szathmáry called an "outstanding year of accomplishment," the university's vice-presidents and president reviewed highlights of the 2004-05 academic and fiscal year.

Revitalization and growth was a dominant theme of the meeting. From enrolment numbers, to research funding and awards, to new infrastructure, the vice-presidents and president painted a picture of a strong and growing university that attracts top students and researchers, and offers first-class facilities to teach and learn.

The very location of the meeting, the university's new Engineering and Information Technology Complex, served as a clear symbol of the university's renewal and expansion. Opened to the public just days ago, the $55-million complex is a state-of-the-art hub for 21st-century research and learning.

Opening the meeting with greetings from the provincial government, Advanced Education and Training minister Diane McErford congratulated president Szathmáry for her direction in leading the University of Manitoba toward a new era of revitalization.

"Wherever she goes, she does the university and the province proud," McErford said.

Look for our Annual General Meeting insert inside this issue of the Bulletin

**INSIDE STORIES**

3 Homecoming 2005 showcases changes at University of Manitoba
4 Engineering Access Program celebrates 20th anniversary
6 Arts Celebrating Arts recognizes students, staff and alumni
11 Manitoba Research Data Centre is open to graduate students
12 Thorlakson Gallery to host artists from Iceland
16 Doering hopes to enhance graduate student experience

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**EITC is an architectural gem**

**New building is phase one of engineering complex makeover**

The University of Manitoba officially opened the doors on Friday, Sept. 29 to the largest construction project in its history.

In front of an enthusiastic standing-room-only crowd and a boisterous engineering marching band, a group of the university, government, industry and community leaders who were integral in making it all happen picked up bolt-cutters and cut the chain on the first phase of the university's new Engineering and Information Technology Complex.

"To say we have anticipated this new, cutting-edge engineering building will inspire learning and draw together in one location the academic, research and industrial expertise and programming that is so vital to Manitoba’s economy," said Manitoba Premier Gary Doer.

"The opening of this new facility revitalizes engineering and computer science at the University of Manitoba," said president Emőke Szathmáry. "This will allow Manitoba to meet headlong the increasing demand for strong, tech-savvy graduates and researchers who are fundamental to the economic future of our province, nation and world."

GBR Architects Limited was commissioned in February, 1997 to conduct a facility redevelopment study for the faculty that would ensure the continued provision of engineering educational excellence. The idea for the EITC grew out of existing partnerships and new potential for connections between engineering and computer science. The two disciplines share a commitment to providing the most advanced education possible, using state-of-the-art tools.

"I am delighted that the Faculty of Science and the Faculty of Engineering are sharing this magnificent new building," said Science dean Mark Whitmore.

"With computer science a core department in the Faculty of Science, but co-located here with like-minded colleagues in the Faculty of Engineering, we have closer ties between scientists and our engineers, and can maintain important and productive links between our computer scientists and their colleagues in many scientific disciplines."

See EITC/P 2
Selkirk facility will bear Norrie’s name

The new educational facility on Selkirk Avenue in Winnipeg’s North End will be officially named and dedicated in honour of William Norrie, the university’s twelfth chancellor and the longest-serving mayor of Winnipeg (1979-1992).

The dedication will take place Friday, Oct. 21, at 1 p.m. at 485 Selkirk Avenue.

William Norrie Centre — home to the University of Manitoba’s Inner City Centre of Work, an education and the University of Winnipeg’s Bachelor of Education ACCESS Program — is helping community revitalization efforts already taking place in the historic neighbourhood.

The University of Manitoba Bulletin is published by the Public Affairs department every second Thursday from September to May and monthly from June to August.

The dedication will be held Wednesday, Oct. 19, and Thursday, Oct. 20, in the Investors Group Athletic Centre at 3:30 p.m.

Honorary degrees will be conferred on the Hon. John Harvard, former broadcast journalist; member of Parliament and currently lieutenant-governor of Manitoba, (Oct. 19) and Dr. William J. Mills, an Alaska orthopedic surgeon who is internationally known for his clinical contributions to the treatment of hypothyroidism and frostbite (Oct. 20).

The 38th Fall Convocation will be held Wednesday, Oct. 19, and Thursday, Oct. 20, in the Investors Group Athletic Centre at 3:30 p.m.

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The new EITC is just one more example of the university’s Building and Strengthening capital campaign in action. The campaign was launched with $50 million in provincial seed money and raised over $257 million for the university. Perhaps fittingly, the building where the capital campaign was announced no longer exists – replaced with the first phase of the EITC.

The new building has last become a symbol of a revitalized, growing university. It has become a must-see stop for curious students returning to campus for the first time, and more recently, a highlight of the campus tours offered to visiting alumni during September’s Homecoming.

U of M’s Fall convocation set for Oct. 19 and 20

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Gritty Grotto Fitness Centre reopens

The Gritty Grotto Fitness Centre at Fort Garry campus reopened Monday, Oct. 3. The good news is that, contrary to a previous announcement, the running track in the Grotto is ready.

The 39th Fall Convocation will be held Wednesday, Oct. 19, and Thursday, Oct. 20, in the Investors Group Athletic Centre at 3:30 p.m.

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U of M retirees AGM and reception

The 19th Semi-Annual President’s Reception for Retirees will be held on Saturday, Oct. 15 in Marshall McLuhan Hall, University Centre, Fort Garry Campus, starting at 2 p.m. The guest speaker is Alan Simms, association vice-president (administration) and president of Smartpark. He will speak on What is Smartpark - How Has It Developed and Continues to Develop?

All retirees, spouses of retirees and survivors are welcome. You are asked to RSVP by Oct. 7 by calling 474-9124 or e-mail Barbara Cameron at barb_cameron@umanitoba.ca.

The second annual general meeting of the University of Manitoba Retirees Association (UMRA) will also be held on Saturday, Oct. 15 in the Graduate Students Lounge, 217 University Centre, starting at 1 p.m. Items on the agenda include: report of the nominating committee, election of members to the executive, by-laws, privacy policy and activities to be undertaken by the Association. All retirees are welcome to attend. Everyone in attendance will be able to vote on matters presented at the AGM.

Distinguished Alumni Award for their outstanding record of community and public service.

Emeritus appointments will recognize the scholarly careers of three people: Nathan Mendelsohn, mathematicians, who will be appointed distinguished professor emeritus; Chhajju Bector, I.H. Asper School of Business, and Juliette E. Cooper, faculty of nursing, who will be appointed professors emeriti.

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Homecoming 2005
Alumni come home to find a bigger and more diverse University of Manitoba

BY DALE BARBOUR
The Bulletin

The University of Manitoba has changed a lot over the past 50 years and you don’t have to look far to see the changes.

“It’s been decades since we’ve seen this level of construction at the university,” president Emőke Szathmáry told the over 500 people on hand for the Homecoming Banquet, Sept. 24, at the Canad Inns Polo Park. She went on to note that first day enrolment has topped 28,000 – more than seven times the number of students enrolled at the university in the 1950s.

The diversity of the university has also increased with the number of Aboriginal students growing and the number of international students closing in on the university’s goal of 10 per cent of the total student population.

The University of Manitoba was the first to admit students from Hong Kong and Szathmáry said as a result the university is now seeing the third generation of families from Hong Kong attaining their degrees from the University of Manitoba.

Through it all, Szathmáry said the university has worked to maintain the quality of education that students experienced in the 1950s.

“It’s been a struggle to maintain our physical facilities but that time has come to an end,” Szathmáry said. The best example of that was shown on Friday, Sept. 23 when the university opened the new Engineering and Information Technology complex – the first part of the complex is complete with the rest of the $55-million complex to follow over the next few years.

Avenue also opened this month and the new Engineering and Information Technology complex at Alumni House, the one-time Home Economics practice house.

“We lived here for a month,” Vail said. They lived in the house in groups of 12 and during their month of residence they were responsible for maintaining the household: cooking, cleaning and looking after a baby that was under the care of their professor.

“It was terrifying,” Vail said. “We still had to go to our regular classes and do our work. This was an extra.”

Sunday would be an open house to invite family, but otherwise the 12 bunked together and became a sort of family of their own.

“We’ve all kept in touch with each other,” Vail said.

At the Homecoming Banquet, Anderson said the experience doesn’t have to end after the reunions and tours are over. Graduates can get involved by working with the board of governors or with the Alumni Association.

“It’s a way to give back to this university, that gave us so much. And if you do, I guarantee you’ll get back more than you give,” Anderson said.
Faculty, sessional instructors, and graduate students are invited to join colleagues for workshops on a variety of teaching and learning topics. These workshops are designed to develop effective teaching practices and to provide innovative teaching ideas and techniques.

Here’s a sample of what UTS has to offer in the near future. For more information on UTS workshops and events go to www.umanitoba.ca/uts

TEACHING TECHNIQUES
Teaching Techniques is a five-day, fifteen-hour (three hours per day) interactive workshop designed to enhance fundamental teaching skills including lecturing, questioning, and facilitating discussion.

Facilitator: Gary Hunter, University Teaching Services Consultant
Session 1: Tuesdays: 9 a.m. to 12 p.m.: Oct. 11, 18, 25, Nov. 1, 8
Session 2: Times: Wednesdays: 9 a.m. to 12 p.m.: Oct. 26, Nov. 2, 9, 16, 23
Location: 205 St. John’s College

ST. PAUL’S COLLEGE
St. Paul’s College, the Roman Catholic College in the Jesuit tradition affiliated with the University of Manitoba since 1931, invites applications or nominations for the office of Rector of persons holding tenure appointments within the University of Manitoba. The appointment is for 5 years commencing July 1, 2006. The present incumbent is not a candidate for this position.

The Rector shall have a demonstrated commitment to Catholic higher education and shall, as a priority within his or her duties, integrate the mission and ethos of the College into the operation and undertaking of the College. The Rector is responsible for leadership and development of the College’s academic programs and is its senior administrative officer. The Rector is a member of the Board of Governors of St. Paul’s College and the College Foundation Inc., is chair of the Board of the Arthur V. Mauro Centre for Peace and Justice Inc., is an ex officio member of all College committees, and is also a member of the University of Manitoba’s Senate and Deans’ Council.

The successful candidate will be a senior academic with an established reputation as a scholar who can lead the College in a period of academic renewal. He or she will possess strong leadership, organizational, management and financial skills. The Rector must be able to promote the College among key constituents within the University and the Catholic community at large.

St. Paul’s College has approximately 1155 student members and over 50 faculty and 12 support staff. About 14,000 University of Manitoba students take courses in the College buildings. A library of approximately 80,000 volumes, the Jesuit Centre for Catholic Studies, and the Mauro Centre for Peace and Justice are housed in the College buildings.

Nominations and applications should be accompanied by a curriculum vitae. All materials received will be held in strictest confidence. These should be submitted by November 7, 2005 to:

The Chair, Rector’s Search Committee
St. Paul’s College, University of Manitoba
70 Dysart Road
Winnipeg, Manitoba
R3T 2M6

In accordance with Canadian Immigration requirements, this advertisement is directed to Canadian citizens and permanent residents of Canada. The position is open to both men and women.

Advertise in The Bulletin.
For details call 474 8111

Outreach Nominations Invited
Each year, through the presentation of sterling silver pins, the University of Manitoba honours support and academic staff who have been notably active in outreach activities.

The university will hold its twenty-fifth outreach reception on Tuesday, November 15, 2005.

Deans of faculties, directors of schools and heads of administrative units are accepting nominations until October 14, 2005 of anyone active during 2004-2005 in enlarging and enriching the contacts of the university.

Outreach activities may include increasing access to existing university programs, extending the nature and range of the university's programs and services, and sharing most effectively with the community the resources of the university.

While there are no restrictions on nominating a previous recipient, the case for doing so must be based on outreach activities since the previous award.

Nominations must be forwarded by the dean, director or unit head to Karen R. Grant, Chair of the Presidential Committee on Outreach by October 21, 2005.
Dental facility for special-needs children opened

Many of Winnipeg’s most needy children no longer have to suffer from toothaches, thanks to a new partnership between the University of Manitoba’s Faculty of Dentistry, Ronald McDonald House Charities and McDonald’s Restaurants of Canada.

Ronald McDonald House Charities has donated $28,849 to the Faculty of Dentistry’s Children’s Dental Outreach Program so that the free dental care it provides for Winnipeg children in low-income families can be extended to special-needs children who would otherwise not be able to visit a dentist’s office.

**BISON SPORTS**

Bison football squad getting noticed, Shaw to air Oct. 8 game

**BY CHRIS ZUK**
Bison Sports Information Officer

The Bisons remain at number seven in the nation by beating the SFU Clan in a 35-30 Homecoming Game victory on Saturday, Sept. 24. With the win, Manitoba moves to a 3-1 record and has received another Canada West Football recognition this week.

Kick returner/wide receiver Brad Black turned around the game with his spectacular kick returns throughout the game and was rewarded by being selected as Canada West Special Teams Athlete of the Week.

Black accumulated 215 yards on 11 punt returns during the home win. He jumped started the Bisons with an exhilarating 108 yard return of a 47 yard FG attempt at the start of the third quarter. Black ran the ball to the SFU’s nine yard line to set-up a Bison TD and increased the lead to 21-8 at the time.

Black had another 10 punt returns for 118 yards during the home win. With the win, Black accumulated 215 yards on 11 punt returns with 428 and ninth in punt return average at 9.2.

This is the fourth consecutive week the Bisons have been selected as Canada West Football Athletes of the Week. In the first week, Mike Howard (defense) and Peter Scouras (special teams) were named, in the second week it was Cory Huclack (defense) and in the third week Ryan Zahara (offense).

Earlier in August, Bison Sports, in conjunction with Shaw TV Manitoba, announced a partnership to return Bison Football to the local airwaves for the first time in over a decade.

The Homecoming Game, Sept. 24, against the Simon Fraser Clan was shown on Shaw TV Manitoba (Cable Channel 11). The final regular season Bison home game on Saturday, Oct. 8 against the Regina Rams will also air on Shaw TV Manitoba at 1 p.m.

Television game day sponsor will be Lou Furlan of Lou Furlan (Cable 24). The final regular season Bison game against the Regina Rams on Saturday, Oct. 8 will also be shown on Shaw TV Manitoba (Cable Channel 11). The final regular season Bison home game on Saturday, Oct. 8 against the Regina Rams will also air on Shaw TV Manitoba at 1 p.m.

**Security Services**

A watch found in front of the Asper Center has been turned into Campus Security.

It is valuable and has an inscription. Please contact Campus Security at 474-9312 and refer to incident # 5222.

**Rethinking Our Way to a Sustainable Campus**

The University of Manitoba Waste Prevention Office

umanitoba.ca/campus/recycling

**Bilingual education in conflict ridden societies: The role of bilingual integrated Palestinian Jewish education in Israel**

a public lecture

Dr. Zvi Bekerman teaches anthropology of education at the School of Education and The Melton Center for Jewish Education, Hebrew University of Jerusalem. He is also a research fellow at the Truman Institute for Peace at the Hebrew University. His main interests are in the study of cultural, ethnic and national identity, including identity processes and negotiation during intercultural encounters and in formal/informal learning contexts.

**Thursday, October 27**

7:30 p.m. to 9:00 p.m.

Room 224, Education Building

University of Manitoba, Fort Garry Campus

All are welcome | Free Admission

For more information please see:

www.umanitoba.ca/education

**Distinguished Lecturer**

**Bison Sports Information Officer**

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By Dale Barbour

The Faculty of Arts honoured its alumni, students and staff at the 6th annual Arts Celebrating Arts on Friday, Sept. 23 in the Great Hall.

Manitoba Lieutenant-Governor John Harvard was even on hand to confer the certificates of recognition on students who had been named to the dean’s honour roll during the past academic year.

Three alumni were honoured at the event including Constance Backhouse, BA/72, a feminist, lawyer, historian and distinguished professor, Danny Finkleman, BA/64, reporter, commentator, and host for numerous programs on CBC Radio, including Finkleman’s 45’s, Roger Léveillé, BA/LPH/66 and MA/68, poet, novelist, director and publisher.

“Absolutely none of my degrees was more interesting,” Finkleman said. “I remember my Latin American history classes and political theory classes and nothing I have ever taken since has been more interesting than the Latin classes I studied in arts.”

Of course, it was a different era then and Backhouse says she could have criticized those classes for their lack of focus on women and race issues, but the critical point is that those omissions have been corrected since then, giving today’s students a broader perspective than ever before.

“I always advise students to take their grounding in arts and take only the courses that interest them. This is what makes your hearts and minds grow,” Backhouse said.

Léveillé echoed Backhouse’s views. “An arts education is the best start you can get in life.”

Finkleman also received his law degree from the University of Manitoba. While he’s most famously a CBC personality, he also works as a stock broker.

“The most important word I heard at the University of Manitoba was the word, ‘Why?’” Finkleman said. That urge to ask questions and seek information served him well at CBC, where his work was all about digging up useful information.

“I met my wife at the University of Manitoba,” Finkleman added. “She was from Glenboro and of Icelandic decent. I was from the south end of Winnipeg and Jewish. I think that says something about what’s important at the University of Manitoba – its multicultural nature and diversity.”

Along with honouring its students and alumni, the faculty also paid respect to faculty members that have achieved excellence over the past year and support staff that have hit special milestones.

The Faculty of Arts Professor of the Year Award 2004-05 was presented to Garry L. Martin, psychology, Martin is internationally recognized as a leader in research in developmental disabilities and autism, applied behaviour analysis, and sport psychology, and in its application. He’s also earned recognition from his students for his teaching ability.

George MacLean, political studies, was presented with this year’s Faculty of Arts Award in Internationalization. In research, teaching and community outreach, MacLean has expanded understanding of international relations; published extensively in multilateralism, economic integration, arms control, and human security; and represented Canada as advisor to the Department of Foreign Affairs and International Trade Canada.

Faculty of Arts distinguished graduates Roger Léveillé, Danny Finkleman and Constance Backhouse join dean Richard Sigurdson at the Arts Celebrating Arts on Sept. 23 in the Great Hall. At right, the event also featured music from people in the Faculty of Arts.

Samuel Weiner Distinguished Visiting Lecture

Structural Equation Models: Improving or Misleading Science?

Public lecture

Dr. Peter M. Bentler

Departments of Psychology and Statistics, University of California, Los Angeles

Monday, November 7, 7:00-8:00 pm
Room 122 Drake Centre, I.H. Asper School of Business, Fort Garry Campus

For information: contact Jill Latkischlaw, Department of Psychology 474-6378

Everyone Welcome

Get to Know Research at Your University

Dr. George MacLean, Associate Professor, Political Studies

Canada in Afghanistan: The Transformation of Peacekeeping

For half a century Canada has been known for its peacekeeping. A changing world environment and new threats have forcibly brought about changes to this long-standing tradition. Drawing on personal research and field tours in Afghanistan, this presentation examines Canada’s peacekeeping legacy in the context of the war on terror, as well as the role for multilateral bodies such as the UN and NATO.

Wednesday, October 12, 2005, 7 PM, Smartpark Lobby Boardroom
135 Innovation Drive, Fort Garry Campus

www.umanitoba.ca/research 474-9026

FREE ADMISSION FREE PARKING
Mr. Chairman, Minister McGifford, colleagues, students and friends of the University of Manitoba. The University of Manitoba appreciates your commitment and interest in its development and its contributions to our community. It is a pleasure to see so many of you here, attracted in no small measure, I think, by our meeting site: within the new Engineering and Information Technology Complex.

This is the 10th time that I have reported to you on the status of the University of Manitoba. That it is thriving and has thrived over the past year was documented just minutes ago by the University’s vice-presidents - so well, in fact that, I am tempted to say, “good show”, and sit down. Tempting though that idea may be, allow me to put the finishing touches on our report on last year’s activities.

It was, in my view, an outstanding year of accomplishment that can stand alone on its merits, but is worth even more when it is viewed in the context of achievements over the past 9 years.

In 2003 the University stated its intention to be counted among the best of Canada’s research universities, and to lead our nation in demonstrating a commitment to educating a broad sector of society. The attainment of that vision rests on our strategic plan, Building for a Bright Future, which laid out five priorities the institution and its community needs to pursue to achieve success.

In universities people are the primary ingredients for success, but the strengths of even the best of the best are undermined when they lack the appropriate physical and technological infrastructure essential for learning, for teaching and research. This past year then, Vice-President (Administration) Deborah McCallum and I spent a significant amount of time persuading our government to grant permission to the University to borrow funds, which would serve as bridge financing between what is on hand today, and what is coming in as pledges made during our capital campaign are realized. Such funds were essential for our moving forward on our program of infrastructure renewal.

There is a precedent here for long term capital debt financing. In the early 1970s for example, government took out a bond on behalf of the University to permit the building of University Centre. In today’s dollars the sum available for capital expenditures then was over $131 million. We made the last payments on that debt during my first few years in office. With the success of our most recent capital campaign, and our experience with the fulfilment of pledges, we knew that we would within the current decade receive the full $90 million that had been pledged for capital renewal and for new buildings. Further, we knew that we could raise even more funds for these and allied purposes. We also believed that the institution had, and would have sufficient cash flow in the future to meet periodic payments on principal and interest. To bring about renewal of the University’s physical infrastructure, then, bridge financing was a feasible alternative to having all the cash in hand.

Thanks to Mrs. McCallum and her very able financial staff, we were able to provide evidence that sustained our argument. In time, government agreed, acquired capital debt on our behalf - all of which we must repay over the next 30 years. However, you can see the results of that agreement, along with donor’s contributions obtained to date, on the screen as well as around you. The University’s capital additions have increased by 360% since 1997-98. Every week we make progress on our asbestos and mould abatement programs, determined that we will provide a healthy and safe learning environment for our students and staff. We have progressed on our plans to provide network cabling and wireless access to classrooms and offices, so much so, for example, that the Dean of Law announced yesterday to a
Last year I noted that our demographic projections show that the supply of students from Manitoba’s high schools is levelling off, and we will increasingly be able to accept more students from afar. The University of Manitoba has always had a commitment to international education, and was the first Canadian university to admit students from Hong Kong, for example, back in the 1950s. In consequence we now have in some Hong Kong families, three generations of alumni! In truth, the young people we attract here, whether from other provinces or from outside Canada’s borders, bring perspectives that enrich our domestic students’ learning experience, and in turn theirs is enriched by exposure to Manitoban outlooks on our nation and world.

In 2004-05 our total student enrolment reached 27,518 on the first day of classes. By November 1, 2004, the day on which we report student enrolment to Statistics Canada, as Vice-President (Academic) & Provost, Dr. Robert Kerr, has documented, the number had grown to 27,631. The 4.0% increase, year over year, was comprised of a 3.9% growth in undergraduate and a 4.6% growth in graduate enrolment. Our greatest increase, however, was in our international student numbers: up 34.1% compared to the year before, and within 1.3 percentage points of our stated goal of 10% international enrolment. The increase is partly due to our greater recruitment efforts, but also to the fact that, we finally had scholarships and bursaries available for international students. Only $40,000 was distributed last year, but in the current year, for example, we have allocated $1.1 million, acquired from greater differential fees, into international scholarships and bursaries. Of that sum, $200,000 is designated for undergraduate students, and $900,000 for international graduate students. We have the means to attract the best students around the world, and finally, our university is not reserved scholarships and bursaries for domestic students alone.

Does the availability of scholarships and bursaries truly attract high quality students? We think, “yes.” Three years ago Maclean’s magazine began publishing the entrance grades of incoming students. We were pleased to discover that among the 15 medical-doctoral universities our students persistently placed within the top 10, indeed this past year, as Dr. Kerr observed, we ranked 4th in admitting students with grades of 95% or higher. It should surprise no one then that, our students consistently win national awards, and over the past 9 years – though the graph shows only four – our students have been within the top 10 research universities of our nation on all but one occasion.

The funds distributed in the form of scholarships and bursaries to undergraduate students have dramatically increased over that time period, thanks to the generosity of donors as well as the government of Manitoba, through its matching program, the Manitoba Scholarship and Bursary Initiative. Graphs such as the one before you unfortunately do not tell the complete story. Though the $7.9 million distributed last year was equivalent to the funds awarded the year before, in fact more students received awards in 2004-05, though some received slightly smaller awards than the year before. The latter situation arose because it was thought necessary to protect endowment capital for at least a year, by reducing (from 5% to 4.5%) the proportion of interest from endowment that was available for distribution. With improvement in the investment markets, the University Investment Trust committee hopes to relax these restrictions, and in turn I hope that next year I can report an increase in both dollars and awards distributed to our deserving students.

I would be remiss if I did not also report on the University’s success last year in continuing to attract Aboriginal students. We want to be their first choice when they think about university study, and last year, indeed more students of Aboriginal ancestry joined the ranks of our student population. The increase in Aboriginal student number, year over year in the University I cohort was 9.3%. The total number of Aboriginal students reached 1,605, which represents an apparent increase of 14.5% over the year before. I say “apparent” because these numbers
are based on voluntary self-declaration of status by our Aboriginal students. Not everyone chooses to report, as many consider identity to be a private matter. Whatever our students’ choice in this regard, we respect their decision. At the same time it is worth noting that we believe that the actual Aboriginal enrolment at our University probably exceeds 2000.

The quality of the students and the numbers enrolled are two indices of the University’s success last year in attaining strategic goals. Another is the gains made in our research initiatives. Our Vice-President (Research), Joanne Keselman, has detailed qualitative and quantitative marks of achievement last year, but here too I want to put last year’s gains into a longer term perspective. Over the past six years the growth in research dollars from all sources has increased from $56 million to $101.9 million - that is, the research funds that have flown to the University of Manitoba have almost doubled. That have we been able to make such gains is due in part to matching programs of the Province of Manitoba, notably the Manitoba Research Innovation Fund, which has allowed us to receive peer- adjudicated funds from the Canada Foundation for Innovation (CFI), among others. As Dr. Keselman observed, when CFI is excluded, $91.1 million was received in 2004-05 for a wide variety of projects. The latter sum is a gain of $7.6 million over the year before, and is $31 million more than the University’s researchers obtained 5 years earlier. The majority of the research funds we receive flow to us from outside the province, and almost all of it is spent in the province. There is no question then that the University’s role as the research engine of Manitoba yields economic dividends for Manitobans, and the University’s contributions in this regard go beyond the intrinsic value and the applied value of our professors’ advancement of knowledge.

I should note also the role that graduate students play in assisting their thesis supervisors with their research. Last year marked the fourth year of continuing growth in graduate student numbers, and the more such students, the more the growth in research accomplished by their supervisors. We hope that the new Manitoba Graduate Scholarships (MGS), which, when fully implemented by the government of Manitoba, will attract even more students to our institution. Last year, as Dr. Kerr noted, the first year in which these MGS awards were available, 29 of our students, 18 Masters and 11 Doctoral candidates, received support. The MGS is a $2 million initiative, which when fully implemented will assure that the best and the brightest holders of first degrees from universities in this province can remain in Manitoba to pursue graduate study.

Last year was also a good year for the University in terms of its ability to attract new members of faculty and support staff. What the gains in numbers cannot show is the quality of the people attracted here, many from outside the province, who intend to build their lives and their careers in Manitoba. The presence of so many young faculty members means we are re-juvenating and re-invigorating our work force. By investing in them as we did in 2004-05, the University is ensuring that its pool of creative talent is ever stronger, for on their ability to contribute in the spheres of teaching, research and community service, rests the future strengths of the University of Manitoba.

The division of external relations also made gains last year, as reported by Vice-President (External), Elaine Goldie. As she observed, the local, national and international reach of the Department of Public Affairs grew 16.9% year over year. The University of Manitoba’s redesigned homepage received 1 million hits per month, and the Department of Alumni Affairs achieved 430,000 contacts with alumni through a variety of means, including the alumni journal, Alumni Association website hits, special events and telephone calls. The Office of Government Relations has both increased and improved the quality of our communications with all three levels of government. It should surprise no one, then, that, the efforts of the people in external relations has reaped good will and support for the University of Manitoba, the most tangible manifestation of it being expressed through financial support.

An example of this are the gains made over the last 8 calendar years, in dollars received from private benefactors. I note that pledges and dollars received are not the same thing. Though it is fact that in 2004 Private Funding attained its goal of $30 million in pledges, the actual dollars received was comparable to that of the year before. The figures are also shown by calendar year, rather than by academic year, because we report to Revenue Canada the receipts issued for received contributions on a calendar year basis. Just as the year 2000 was anomalous, it being the year that the late Dr. Israel Asper gave $10 million to his alma mater, so was 2004 anomalous. In that year we received the first of four transfers from Dr. Clayton Riddell, an alumnus of our department of geological sciences, who has pledged $10 million in support of our newest faculty, which now bears his name: the Clayton H. Riddell Faculty of Environment, Earth, and Resources. Dr. Riddell’s gift is unfettered, which means that he has left it up to the Dean of this faculty, in consultation with the president to determine how the interest from this endowment can best benefit this academic unit. He has faith, like every other donor to our university that, the quality of our professors and our students is worth supporting. And in his case, the people who work in environment and geography, in geological sciences and in natural resources management are the clear beneficiaries of his long term foresight.

It is worth noting that the majority of the gifts received by the University are directed by donors towards special purposes, and most want their contributions to be held in perpetuity as income-generating.
endowments or specific trusts. With the success of the recent capital campaign and last year’s annual giving program, the University’s Trust and Endowment funds continue to grow, and nothing shows this more clearly than the growth of these funds over the past 15 years. Nevertheless, as Vice-President (Administration), Mrs. McCallum noted, though endowment income was $10.7 million last year, this sum represented only 2.5% of all revenues received in 2004-05. General operating revenues, however, do not include research income and other external funds whose purpose is restricted, thus 82.5% of operating revenue is based on the operating grant from the Council on Post-Secondary Education (COPSE) and tuition income. Last year, almost 66% of that budget was spent on instruction and academic support, and when the expenditures of the University Libraries are included as an academic function, the percentage spent directly on the academic mission of the University rose to 70%. The cost of providing a good quality university education continues to rise, and keeping pace with what other medical-doctoral universities can provide is increasingly challenging.

My brief summary of the University of Manitoba’s achievements in 2004-05 cannot do justice to all that was accomplished last year. Judge for yourself, on the basis of the University’s Annual Report 2004-05, and on the basis of what you heard today, whether or not we are on track according to our strategic plan. That plan mandates that we direct our efforts, to

- provide access to an exceptional education;
- attract and retain the best;
- be a centre for research and graduate education that makes a difference to our province, our nation and our world;
- provide a human, physical and technological infrastructure necessary for learning and for research; and
- be at the centre of our community: on Manitoba.

I believe we have acted in 2004-05 according to that plan, and the long term record shows the steady gains the University has made over time. There is no question that we are among the best of Canada’s research-intensive universities, and we do lead our nation in educating a broad sector of society. Though many beyond Manitoba’s borders may not yet be aware of these facts, we do expect this to change over time, for we are no longer content to hide the light of our achievements under the proverbial basket.

That we have been able to move forward is due to the strengths of our professoriate and staff, the quality of all our students, undergraduate and graduate alike. I thank my nearest colleagues, the vice-presidents of the University, for all that they have done to reach the goals they set for themselves over the past year. I thank also the Council on Post-Secondary Education for working with the university in a manner that allowed us to attain the successes detailed today. Above all, I thank our Board of Governors, Mr. Wayne Anderson, the Board’s Chair, and Chancellor William Norrie for their guidance and support over the past year.

Note: The written text of Dr. Szathmáry’s oral presentation has been augmented with material presented by the Vice-Presidents at the Annual General Meeting of the Board of Governors of the University of Manitoba.
Research data is available for graduate students

A Day in the Life of the Manitoba Data Research Centre

BY DALE BARBOUR
The Bulletin

Don’t let the front door fool you: the Manitoba Research Data Centre really is open for business.

“A lot of people don’t know we’re here. Particularly because we’re not located at the Fort Garry campus,” Manitoba RDC acting manager Linda DeRiviere said. In fact, the Manitoba RDC is tucked away on the third floor of the Brodie Centre, on the Bannatyne campus, and to get inside people either need an authorized swipe card or they need to ring the door bell and have a staff member let them in.

But there’s a reason for the security. The RDC houses Statistics Canada data files – information that contains confidential material about citizens and businesses that Stats Can is required by law to protect. To that end the RDC works with a stand alone computer system and a big part of the DeRiviere’s job is ensuring that confidentiality is maintained. For Statistics Canada, confidentiality is more than just a legal requirement, it’s a matter of credibility.

“People need an approved project to come into the facility and it can take two months to get approval so we’re not a drop by sort of prospect,” academic director Evelyn Forget said. But having said that, the entire purpose of the Manitoba RDC, which was opened in 2004, is to ensure that the Statistics Canada information is used.

“We are fortunate at the University of Manitoba to have access to such rich data sets available at the RDC. We’re the only centre between Ontario and Alberta,” DeRiviere said.

Forget was instrumental in bringing the facility to Winnipeg and continues on as the link between Statistics Canada and the University of Manitoba – her day job is as a professor in the department of community of health sciences.

While the Manitoba RDC – one of 12 such facilities across Canada – is located at the Bannatyne campus the data stored inside is not restricted to the health field. The surveys available range from focus on Aboriginal people, Canadian youth, characteristics of the labour force to a workplace and employee survey.

“We have about 20 research projects underway but we have room to expand a little bit,” Forget said. Most of the projects underway now are faculty driven. Forget said what they’d really like to see is more graduate students get involved and tap the resources that are available.

Incidentally, Forget and DeRiviere are more than just supervisors at the RDC – they’re also clients. DeRiviere completed her PhD in 2005 using data from the survey of labour and income dynamics and the workplace and employee survey. Currently she’s working on a project using the Aboriginal Peoples Survey. Meanwhile, Forget is working on a project using health surveys to understand Canadians’ attitudes towards medical wait lists.

Once approved for a project, student and academic researchers are considered “deemed employees” under the Statistics Canada Act and can work directly with an RDC research analyst to learn how to access the system and get the material they need while protecting the confidentiality of the people who were surveyed.

A list of the surveys available through the RDC is online at www.statcan.ca/english/sdds/. For information on how to have a research project submitted, researchers can contact DeRiviere at 789-3293, go online to wwwumanitoba.ca/ centres/rdc/ or e-mail rdc@cc.umanitoba.ca.

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

FOOTBALL
Oct. 8 – Regina at Manitoba, University Stadium, 1 p.m.

MEN’S HOCKEY
Oct. 7 – UBC at Manitoba, Max Bell, 7 p.m.
Oct. 8 – UBC at Manitoba, Max Bell, 7 p.m.

MEN’S BASKETBALL
Oct. 21-23 – Midway Chrysler Tournament, Winnipeg, Time TBA.

MEN’S VOLLEYBALL
Oct. 21-23 – Bison Invitational Tournament, Investors Group, Time TBA.

WOMEN’S HOCKEY
Oct. 21 – UBC at Manitoba, Max Bell, 7 p.m.
Oct. 22 – UBC at Manitoba, Max Bell, 7 p.m.

WOMEN’S SOCCER
Oct. 20 – University of Victoria at Manitoba, 4 p.m.
Note: Soccer is played to the east of University Stadium. Admission is free.

BISON CROSS-COUNTRY
Oct. 22 – Manitoba Championship at Winnipeg, Time TBA.

WOMEN’S BASKETBALL
Oct. 14-16 – Bison Invitational tournament, Investors Group, All day.

BISON CROSS-COUNTRY
Oct. 22 – Manitoba Championship at Winnipeg, Time TBA.

TICKET INFORMATION
Single Game
Adults: $8
Students: $5
12 and under: free
Season passes
Adults: $55
Students: $30
Tickets available at all Bison home games, Frank Kennedy, Max Bell Equipment Desk.

www.umanitoba.ca/bisons/

Advertise in The Bulletin. For details call 478 8111

Events Listing Plus

Visions series focuses on Iceland

You couldn’t ask for a better match. The Dr. Paul H.T. Thorlakson Gallery in the Iceland Reading Room, Elizabeth Dafoe Library has teamed with a collective of artists from Iceland to bring the works of the best and brightest of that island nation to Manitoba.

Icelandic Collection head Sigrid Johnson said the group of about 10 or 12 artists represented by Hannes Larsson actually came calling a year ago to the University of Manitoba in their quest for gallery space around the world.

As it turned out, the Thorlakson Gallery, with Johnson as its curator, was looking for artists.

“We talked with them last spring to try to figure out how we could work together,” Johnson said. The agreement that evolved is called the Visions series and will have the collective hold two shows every year at the gallery over the next three years.

“They represent the youth movement of artists in Iceland,” Johnson added. “They’re all contemporary artists working in mediums ranging from multimedia to installation.”

The first exhibition in the Visions series, features new works by Asmundur Asmundsson. Born in 1971, Asmundsson made his presence felt on the Reykjavik art scene as soon as he had completed his studies at the Reykjavik College of Arts and Crafts, before he went to New York to complete his studies at the School of Visual Arts. He now shares his time between Iceland and Berlin.

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

THURSDAY, OCTOBER 6
Special Research Seminar, Using the pediatric epithelium to unlock novel mechanisms in the pathogenesis of asthma by Darryl Knight, Canada Research Chair in Airway Disease, department of pharmacology and therapeutics, University of British Columbia. James Hogg CAPTURE Centre for Cardiovascular and Pulmonary Research, 500 John Buhler Research Centre, 12 p.m., Thursday, Oct. 6.

Friday, October 7
Community Health Sciences Colloquium, Balancing the Benefits and the Risks of Male Circumcision: Medical and Socio-Cultural Perspectives by Robert C. Bailey, professor, School of Public Health, University of Illinois at Chicago, Dr. Berry Havens Seminar Room, R060 Medical Rehabilitation Building, 771 McDermot Ave., 5 p.m., Thursday, Oct. 6.

Pharmacology and Therapeutics, A New Supercontractile, Multi-Nucleated, Airway Smooth Muscle Cell Phenotype Obtained In Culture. Relevance to Asthma by Newman Stephens, Professor, department of physiology (biology of breathing group), University of Manitoba, A229 Chown Building, Pharmacology Library, 9 a.m., Friday, Oct. 7.

Pharmacology and Therapeutics, The Development of T Cell Memory in Parasitic Infections: Implications for Vaccine Design and Vaccination Strategies by Jude Uzonna, immunology, Immunology Library 605 Basic Medical Sciences Building, 12 p.m., Thursday, Oct. 13.

Saturday, October 8
Community Health Sciences, Recovery from Damage by Kelly Hartle, of a Model of Thromboembolic Stroke Pediatric Research Rounds, 12.5 p.m., Thursday, Oct. 13.

Pediatric Grand Rounds, West Nile Virus: The 2005 Manitoba experience. Where Do We Go From Here by Susan Roberecki, deputy chief medical officer of health, Manitoba Health, Theatre A Basic Medical Sciences Building, linked to NG002 Nursing Building, 8 a.m., Thursday, Oct. 13.

Pediatric Research Rounds, Examination of a Model of Thromboembolic Stroke to Understand Neuronal Plasticity and Recovery from Damage by Kelly Hartle, graduate student, 500 Boardroom, John Buhler Research Centre, 12 p.m., Thursday, Oct. 13.

Immunology, The Development of T Cell Memory in Parasitic Infections: Implications for Vaccine Design and Vaccination Strategies by Jude Uzonna, immunology, Immunology Library 605 Basic Medical Sciences Building, 12 p.m., Thursday, Oct. 13.

TUESDAY, OCTOBER 11
Internal Medicine, Human Leptin Regulation in Health and Disease by Sam Dagojoj-Jack, professor of medicine, director, Endocrinology Training Program, associate director, General Clinical Research Center, University of Tennessee College of Medicine, Theatre A Basic Medical Sciences Building, linked to NG002 St. Boniface Hospital, 8 a.m., Tuesday, Oct. 11.

WEDNESDAY, OCTOBER 12
Obstetrics, Gynecology and Reproductive Sciences, Primary Dysmenorrhea in Canada by M. Burnet, associate professor, department of obstetrics, gynecology and reproductive sciences, Theatre A Basic Medical Sciences Building, linked to NG002 Nursing Building St. Boniface General Hospital, 201 Thompson General Hospital, Brandon Regional Health, 7:45 a.m., Wednesday, Oct. 12.

THURSDAY, OCTOBER 13
Pediatric Grand Rounds, West Nile Virus: The 2005 Manitoba experience. Where Do We Go From Here by Susan Roberecki, deputy chief medical officer of health, Manitoba Health, Theatre A Basic Medical Sciences Building, linked to NG002 Nursing Building, 8 a.m., Thursday, Oct. 13.

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TUESDAY, OCTOBER 14
Community Health Sciences, Personality and Depression: Results from Community and Clinical Samples by Murray Inns, professor, departments of psychiatry and community health sciences, medical program director, Health Sciences Centre: Mood Disorders Program, associate director, Mood and Anxiety Disorders Research Group, Dr. Betty Havens Seminar, 12 p.m., Friday, Oct. 14.

MONDAY, OCTOBER 17
National Training Program in Allergy and Asthma, Innate Immunity in Infection-mediated Inhibition of Allergic Responses by Xiaobing Han, Ph.D. student, NTI trainee, Immunology Library 604.605 Basic Medical Sciences Bldg, 5:30 p.m., Monday, Oct. 17.

WEDNESDAY, OCTOBER 19
Obstetrics, Gynecology and Reproductive Sciences, Prolactinoma is not Just Galactorrhea by F. Al-Mulhim, resident, department of obstetrics, gynecology and reproductive sciences, Theatre A Basic Medical Sciences Building, linked to NG002 Nursing Building St. Boniface General Hospital, 201 Thompson General Hospital, Brandon Regional Health, 7:45 a.m., Wednesday, Oct. 19.

TUESDAY, OCTOBER 25
Internal Medicine: Endoscopic Ultrasound: Current Indications & Future Directions by Michael Cantor, assistant professor, director, endoscopic ultrasound program, section of gastroenterology, Theatre A Basic Medical Sciences Building, linked to NG002 St. Boniface Hospital, 8 a.m., Tuesday, Oct. 25.

Bannatyne Campus
AND ST. BONIFACE RESEARCH CENTRE

The first exhibition in the Visions series, features new works by Asmundur Asmundsson. Born in 1971, Asmundsson made his presence felt on the Reykjavik art scene as soon as he had completed his studies at the Reykjavik College of Arts and Crafts, before he went to New York to complete his studies at the School of Visual Arts. He now shares his time between Iceland and Berlin.

Submitted photo

A portion of Asmundur Asmundsson’s work. Asmundsson will be the first artist featured in the Visions series.
**Fort Garry Campus**

**THURSDAY, OCTOBER 9**

**Physics & Astronomy**
A new look at the universe is what you see: Exploring the Representation of Visual Information, Chris Oriot, psychology, University of Regina, P412 Duff Roblin Building, 3 p.m., Thursday, Oct. 6.

**Plant Science**
Hemp: The Canola of the Future by Keith Watson, Manitoba Agriculture, Food and Rural Initiatives, Carolyn Sifton Lecturing Theatre, 130 Agriculture Building, 3:30 p.m., Thursday, Oct. 6.

**The Robert And Elizabeth Knight Foundation**
Distinguished Visiting Lecturer, being@world home by Vibeke Sorensen, Professor of Film and Media Studies and Fellow in the Center for Film and Media Research at Arizona State University, 454 Drake Centre, 8 p.m., Friday, Oct. 6.

**FRIDAY, OCTOBER 7**

**Architecture food for thought @ noon**
Responding to Culture, Place and Technology: The Australian Context by Glenn Murcutt, archtect, 225 Architecture Building, 12 p.m., Friday, Oct. 7. Lunch costs $5.

**Clayton H. Riddell Faculty of* Environment, Earth, and Resources**
Lake Winnipeg: Canada’s Inland Sea – Linking science with policy and the public with Al Kristoferson, Lyle Lockhart, Greg McCallough, Robert T. Kristjanson, 221 Wallace Building, 2:30 p.m., Friday, Oct. 7. Part three of a three part series.

**Chemistry, Main-Group Supramolecular Chemistry by Ignacio Vargas-Raca, chemistry, McMaster University, P410 Parker Building, 2:30 p.m., Friday, Oct. 7.

**Mathematics**
The Matrix Exponential by David Gabrielson, graduate student, 415 Machray Hall, 2:30 p.m., Friday, Oct. 7.

**Economics**
Recent Reforms in the Australian Unemployment Insurance Program by Yi-Ping Beng, University of Melbourne, Australia, 307 Tier Building, 2:30 p.m., Friday, Oct. 7.

**Biological Seminar Series**
Mechanisms of Ion and Acid-base Regulation by Andriy Prymak, Kyiv Taras Shevchenko University, 418 Machray Hall, 2:30 p.m., Tuesday, Oct. 13.

**Plant Science**
Vibrant Rural Communities: MAFRI’s Vision for the Future by Daryl Domniruk, Manitoba Agriculture, Food and Rural Initiatives, Carolyn Sifton Lecturing Theatre, 130 Agriculture Building, 3:30 p.m., Thursday, Oct. 13.

**FRIDAY, OCTOBER 14**

**Clayton H. Riddell Faculty of* Environment, Earth, and Resources**
Application of Ecological Theory to Engineered Biological Processes by David Graham, University of Kansas, 221 Wallace Building, 2:30 p.m., Friday, Oct. 14.

**Mathematics**
Modeling of chemical functional groups in predicted small-molecule interactions by Michel Kotovshchikov, graduate student, 415 Machray Hall, 2:30 p.m., Friday, Oct. 14.

**Physics and Astronomy**
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Intra-Industry Trade
Monastic Visit to
Program Coordinator in
Contingent geographic:

How to Win the
One is open to all
Milgrom, Architecture, 225 Architecture
New Faculty Series,
First Nations Peoples by Fr. Achiel
First Nations Peoples and Christianity:
26th Annual Hanley Lecture Series:
phone 474 6847, fax 474 7620.
13, students $5; non-students $10,
am., Saturday, Oct. 15. RSVP by Oct.
departure from St. Paul's College at 9:30
Trappist Monastery at Holland Manitoba,
St. Paul's College,
later than December 16
committee. Prospective applicants are encouraged to contact the
The Executive Committee of the Centre will act as the selection
The other is funded by the Faculty of Arts, and is open only to
research must be submitted within two months of the end of the
their research findings at a public seminar/lecture sponsored by
Successful applicants will be appointed as Research Associates of
The Centre for Professional and Applied Ethics invites applications for
Research Fellowships for the 2005-2006 academic year from University of Manitoba faculty members, and the Centre wishes
Endowment of the Department of Philosophy, and the Imperial
The Centre for Professional and Applied Ethics was established in
The Centre for Professional and Applied Ethics University of Manitoba

2005 ETHICS RESEARCH FELLOWSHIPS
The Centre for Professional and Applied Ethics invites applications for Research Fellowships for the 2005-2006 academic year from University of Manitoba faculty members, and the Centre wishes to encourage applications from researchers in all areas of inquiry. The other is funded by the Faculty of Arts, and is open only to members of that Faculty.
The Executive Committee of the Centre will act as the selection committee. Prospective applicants are encouraged to contact the Director, Professor Arthur Schafer, for further information.

Applications, and all supporting material, must be submitted not later than December 16th, 2005, to:
Professor Arthur Schafer, Director
Centre for Professional and Applied Ethics
University College, University of Manitoba
220 Dysart Road, Winnipeg, MB, R3T 2M8
Phone: (204)874-5107, Fax: (204)861-0021
c-schafer@cc.umanitoba.ca

Further information about Criteria and Application Procedures can be obtained from the Centre’s Web Site at the following URL: www.umanitoba.ca/courses/ethics/ethics2.html

CENTRE FOR PROFESSIONAL AND APPLIED ETHICS UNIVERSITY OF MANITOBA

A full listing of employment opportuni-ties at the University of Manitoba can be found at www.umanitoba.ca

The University of Manitoba encourages applications from qualified women and men, including members of visible minorities, Aboriginal peoples, and persons with disabilities. All qualified candid-ates are encouraged to apply, however Canadians and permanent residents will be given priority. Please include the posi-tion number when applying for openings at the university.

CONTINUING EDUCATION DIVISION

English Language Studies
Position: Program Coordinator in English Language Studies (ELS), either the Instructor I or Instructor II level depending upon qualifications and experience
Start date: April 1, 2006
Salary: Commensurate with qualifications and experience
Application deadline: Jan. 13, 2006
Position number: GA044
For information: Dr. Anne Percival, dean, Continuing Education Division, The University of Manitoba, Winnipeg, MB, R3T 2N2, phone 474 8701, e-mail percca@cc.umanitoba.ca.

FACULTY OF MEDICINE

Department of Microbiology
Winnipeg Regional Health Authority
Clinical Health Psychology Programme
Position: Post Doctoral Fellow
Start date: Jan. 1, 2006
Salary: $40,000 plus benefits
Application deadline: Oct. 28
Position number: 3N4
For information: Dr. Robert McIlwraith, Head of the department of Clinical Health Psychology, 1220 Dysart Road, Winnipeg, MB, R3T 2M8, phone 204 772 7471, fax 772 7355, e-mail: robertm@cc.umanitoba.ca.

Department of Medical Microbiology
Position: Assistant professor in experimental physical chemistry
Start date: July 1, 2006
Application deadline: Jan. 3, 2006
Position number: 02606
For information: Dr. Norman R. Hunter, Chair of the search committee, department of chemistry, University of Manitoba, Winnipeg, MB, R3T 2N2, phone 474 9321, fax 474 7608, e-mail: phychem@cc.umanitoba.ca.
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Research News

Bringing Research TO LIFE

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Life at school for immigrant children in Winnipeg

By Frank Nolan, Research Promotion Officer

The beginning of a new school year can be a stressful time for many children. Adjusting to new classmates or an unfamiliar school is stressful enough for most kids, but it is especially hard for those children who are new to Canada and speak little or no English.

This fall, education researcher Sandra Kouritzin, curriculum, teaching and learning, will begin a new research project aimed at documenting the experiences of immigrant school children in Winnipeg. Her study, funded by the Prairie Centre on Immigration and Integration, will examine the academic and social integration of immigrant students at both the elementary and secondary school levels.

“I've become really interested in understanding what it’s like for immigrant children,” said Kouritzin. “In Winnipeg, a large proportion of the immigrants we receive come from lower socio-economic groups, including many refugees. I want to find out how these children are able to adjust to a new culture while trying to learn English.”

Kouritzin is examining how the students are being greeted in schools, including how they cope with language difficulties. She notes that most students can pick up basic ‘playground English’ in one or two years, but it can take seven to ten years to master the language well enough to function at a cognitive academic level.

“We'll also be studying things like partner work,” she said. “We want to know how these kids are partnered up and what role they play in the team. Do they ever get to be the scribe or the reporter, or are they always relegated to a listening role? Are their suggestions taken seriously?”

Kouritzin is also looking at how the students are integrated outside of the classroom setting. She will examine the initiatives the schools have put in place, as well as the extent to which immigrant students participate in clubs and sports activities.

The new research is an expansion of a pilot project Kouritzin conducted last year at one Winnipeg high school.

“That project showed us some really interesting things about how these kids interact,” she said. “For example, we learned that immigrant students gravitate to specific locations, including specific school doors. There were doors based on country of origin and language of origin, and other doors reserved exclusively for the ‘cool’ group.”

Kouritzin's team will be shadowing immigrant students for the entire school year. The project will also include extensive interviews with students, teachers and cultural liaison workers.

“I've got a wonderful relationship with the local school divisions, and they are very cooperative,” she said. “They understand that the information that comes out of this research could have implications for government policy, implications for pedagogy, and implications right here in the Faculty of Education. It’s a very time-intensive project, but it’s absolutely necessary.”

The evolution of international peacekeeping

By Frank Nolan, Research Promotion Officer

Since the mid 1950s, Canada has earned an international reputation as a leader in peacekeeping efforts around the world. The end of the Cold War and a new focus on international terrorism, however, have changed the way peacekeeping missions are executed and have expanded the traditional role of Canada’s peacekeeping personnel.

“Peacekeeping today is a much more multi-faceted exercise than it was ten or fifteen years ago,” said political studies professor George MacLean. “Today’s missions aren’t simply about keeping enemy combatants apart, although that is certainly an element. In Afghanistan, for example, it is also on security and economic development. In fact, the term ‘peacekeeping’ isn’t even used that much over there. The troops are more often referred to as a stabilization force or an ‘assistance force.’

“Peacekeeping is much more allowable. We’re invited,” MacLean said. “In the past, we’ve tried to create a secure environment and then allow for these other elements to take place. In Afghanistan, it’s all happening at the same time,” he said.

MacLean believes the Afghanist model can be adapted and applied elsewhere, including in places like Iraq.

“If we want to develop a secure environment in Iraq, then any future peacekeeping activities are going to have to include diplomacy and economic development,” he said. “I don’t think we’re anywhere close to that now, but we are seeing it taking place in Afghanistan. This is a useful model, and I think it’s a model that we’ve been working towards. It’s not completely shattering the mold of peacekeeping, it’s adding to it.”

George MacLean will be discussing Canada’s peacekeeping legacy and the changing nature of peacekeeping in a public lecture on October 12, 2005, as part of the Get to Know Research ... at YOUR University speaker series. The presentation will take place at 7:00 pm in the Smartpark boardroom at 135 Innovation Drive, Fort Garry Campus. Everyone is invited to attend.

In 2004, George MacLean, political studies, spent nearly two weeks observing Canadian peacekeeping activities in Afghanistan.
How do we help our graduate students thrive?

An engineer by trade, Doering was drawn to the challenge of graduate studies

Meet The Dean

BY DALE BARBOUR
The Bulletin

If there’s a piece of advice Faculty of Graduate Studies dean Jay Doering can offer his students it’s this: do what you love, and the rest will follow.

“I tell students, do what interests you, because if you’re interested you’ll be good at it, and if you’re bad at it, success will follow,” Doering said. “You have to ask yourself: Is this something I want to do for the rest of my life?”

It’s the advice he followed when he was picking his career.

“I started in the Faculty of Arts and Sciences at Queen’s University – they were both under one faculty at Queen’s – and was taking general science courses,” Doering recalled. Originally from Cornwall, Ontario, he had dabbled in theatre when he was a teenager so as far as interests went, the future was wide open. But two years in, he found himself looking at the list of courses for civil engineering.

“Basically I chose civil engineering because I looked at the calendar and the courses and said this is something that interests me.” By the time he completed his undergraduate degree in 1984 he had already decided on fluid mechanics as his area of focus.

“Found it fascinating,” Doering said.

“There’s something about the way fluid flows and the way water interacts with a beach to cause changes to the shoreline and how limited our knowledge of how it works is fascinating.” As is so often the case, the focus of his career could be traced back to one course and one professor who made the subject come alive for him.

“It underscores how one person can impact a student’s life. I’m grateful for the infrastructure in under-graduate studies had taken a couple of years, deciding on what to do after receiving his bachelor’s degree proved to be no problem at all.

“That decision got made for me,” Doering said. He had already decided to further his education and while Queen’s was a quality institution he had decided to look elsewhere, purely for the opportunity to get a different experience. But what made the decision for him was receiving an NSERC 1967 scholarship – one of 15 handed out that year to encourage the decision for him was receiving an NSERC 1967 fellowship to encourage their PhD – in Doering’s case it gave him the opportunity to cut straight to their PhD – in Doering’s case it gave him the opportunity to cut straight to their PhD.

“I'm slated to teach a course in fluid mechanics in next term. I do enjoy teaching so I thought I would try it once and see how it fits into the schedule of things,” Doering said.

“If I had the opportunity to provide the same experience I enjoyed that would be a rewarding thing for me.”

Doering said the three pillars of his deanship are communication, cooperation and collaboration. It’s a good policy for any manager but critical for the dean of graduate studies – a faculty that offers 149 programs and is linked to nearly every department on campus through their individual graduate studies programs.

“I want to go around and meet with all the various unit heads, graduate chairs and deans to hear their feelings on the faculty of graduate studies, what they would like to see changed, what they might change it,” Doering said.

He’s also planning to work closely with the Graduate Student Association to find ways of improving the graduate student experience at the university. “There’s probably a tendency for graduate students to identify with their home departments. One of the challenges, and I hope to be able to work with the Graduate Student Association on this, is to develop a more defined identity of graduate students as a community of scholars.”

And of course, there are other goals. The university has made it one of its goals to increase Canada’s Aboriginal students. Doering said he wants to see that growing Aboriginal student population reflected.

On a more personal level, Doering is facing the same debate that every academic involved in administration deals with – can they still be a researcher and teacher while running a faculty. He is hoping the answer is yes.

“I’m slated to teach a course in fluid mechanics next term. I do enjoy teaching so I thought I would try it once and see how it fits into the schedule of things,” Doering said.

“It could be I’ll be burning the candle at three ends at the moment, but I love this job.”

On the family side, Doering and his wife Elizabeth Whittaker, a family physician, have three sons aged 16, 14 and 10.

High-school guidance counselors descend on Bannatyne campus for conference

Cary Tardi and Marie Jivan of enrolment services welcomed high school guidance counselors from across the province to the Bannatyne Campus on Sept. 29.

Enrolment services held the University of Manitoba’s annual Counselors Seminar at the Bannatyne Campus for the first time this year. Over 100 guidance counselors representing 220 high schools turned out for the Spirit of Bannatyne Counselors Seminar 2005, which is a student recruitment initiative that provides information on programs offered at the university This year, the information seminars focused on programs in medicine, dentistry, medical rehabilitation and human ecology.

There was also a segment on admissions and Aboriginal programs.