BY DALE BARBOUR

The University of Manitoba’s pharmacy students have proven they’re the best in Canada by pulling in a number 1 ranking in the 2006 Pharmacy Examining Board of Canada licensing examinations. The University of Manitoba tied for first out of seven schools with an overall pass rate of 100 per cent.

The cohort included all 49 students who graduated and wrote the exam this past spring.

What makes the achievement even more impressive is the fact that the U of M has one of the smaller pharmacy faculties in Canada. However, a smaller school has its advantages, said Pharmacy acting dean Sheryl Zelenitsky.

“I think our smaller class sizes allow the professors to spend more time teaching and mentoring students,” said Zelenitsky.

She also credited the university’s community partners, organizations and professional pharmacists who train students in the field and help raise the bar at the U of M.

The pharmacy exam includes a written multiple choice test and a practical objective structured clinical exam.

The U of M students tied for first with a pass rate of 100 per cent on the written test and ranked second for their overall average score. On the practical exam, the U of M students tied for first place with two other schools with a pass rate of 100 per cent.

It’s not the first time the U of M has been tops in Canada. The pharmacy class of 2003 also attained the highest pass rates in the country.

Zelenitsky said the success on the pharmacy exams has practical benefits for the students and the faculty. For the students, it means they’re eligible for licensure in Canada.

The faculty, meanwhile, is undergoing an accreditation review this fall and this success by students on the national exams is a great external measure of the quality of the program.

Philanthropy is cool

There’s a lesson to be learned in the twinkle of a teddy bear’s eye or in the hum of a race track.

It’s that business isn’t always about making money – sometimes, maybe even most times, it’s about building a better community.

I. H. Asper School of Business professor Robert Warren has been leading his fourth-year entrepreneurial class through a set of projects that focus on driving that lesson home.

The first, which wrapped up on Oct. 23, had students design and build their own bears and then donate them to the Manitoba Moose Yearling Foundation, a charitable arm of the Manitoba Moose Hockey Club.

The second project, which roared to a close on Oct. 30, was the fifth annual stock car challenge – this year dubbed the Enterprise Rent-A-Car Stock Car Challenge. The stock car challenge had students out raising nearly $10,000 in sponsorship dollars for their stock cars – funds that will go to support the Curry BizCamp, an initiative of the Asper School of Entrepreneurship.

See PROJECTS/P. 2
**In The News**

**University of Manitoba members are always making news -- demonstrating the university's impact on the community. Here's a look at the stories and headlines that have been U of M faculty and staff impact the world around them.**

**Foreign engineers to practise**

Winnipeg Free Press, October 25

Media attention went to the University of Manitoba's newly introduced internationally educated engineers' Qualification program, which graduated nine more foreign engineers in the last week of October. The three-year-old program is one of kind in Canada, as it combines technical with language and cultural training. After foreign engineers complete the one-year program they receive formal recognition from the province's regulatory body and can enter the market, where their skills are in high demand.

**Students to build satellite**

Winnipeg Free Press, October 24

Win-Cube, a satellite to be designed and built by a group of high school and university students with help from government, schools, aerospace enthusiasts and industry, and the University of Manitoba was officially announced with full media coverage. The students' Win-Cube satellite, as the name suggests, is a Winnipeg cube-shaped satellite. It will be launched into low orbit and will communicate with the students on earth from a distance of up to 700 km away.

**Asper MBA on radar**

National Post, October 19

The National Post explored MBA programs in Canada, featuring prominently the I. H. Asper School of Business MBA. The story and a large photo of an MBA graduate of the Asper School of Business figured on the front page of the newspaper's business section.

**39th annual fall convolution**

October 16-19

University of Manitoba fall convolution made local and national headlines and news with the awarding of doctors of laws to Olympic medalists Cindy Klassen and Clara Hughes, who are both originally from Winnipeg. They shared the honour with Vivienne Poy, the first Canadian of Asian descent to be appointed to the Canadian Senate.

**Headline News**

Where else has the U of M been making news? Here’s a look at just a few of our headlines over the past few weeks.

- “Pharmacist training extends well beyond classroom,” Globe and Mail, Oct. 16.
- “Why pick university?” Winnipeg Sun, Oct. 15.
- “Living the dream,” Winnipeg Sun, Oct. 19.

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**Projects benefit the community**

From Page 1.

“The stock car challenge is designed to teach three lessons,” Warren said. “One, good entrepreneurs always give back to the community. Two, we try to show the challenges involved in raising money, and three, it’s something to make the class a bit of fun.”

This was the first year for the bear project, and the students started by visiting the Build-a-Bear Workshop in St. Vital Mall, where they learned how to design and build their own bear from scratch.

“I wanted to show them how to be creative and think outside the box, just as they’ll have to if they’re going to be entrepreneurs,” Warren said. And again, it gave back to the community, this time in the form of 50 bears going to the Walrond Foundation.

After all the work, giving up the bears was an effort.

“One person had to make multiple bears,” Warren said. “With one guy, his girlfriend fell in love with the bear.”

Asper student Chum Hoe Leung said working with the Build-a-Bear Workshop also gave him a chance to think outside the box, just as they’ll have to if they’re going to be entrepreneurs. He shared his appreciation for the experience: “I wanted to show them how to be creative and think outside the box, just as they’ll have to if they’re going to be entrepreneurs.”

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**Check out our accountability site**

Accountability remains a guiding principle for the University of Manitoba. Our aim has been and continues to be to provide clear and detailed information about the University of Manitoba and to keep the university's many stakeholders and the public well informed. We invite you to peruse these pages and see for yourself how well the University of Manitoba has fulfilled its vision to affirm its position as among the best of Canada’s leading research-intensive universities, and to lead our nation in educating a broad sector of society.

If you wish to view even more detailed information, links to a number of different sources -- including the annual Institutional Statistics Book (IS BOOK), from the University of Manitoba’s Annual Report, and our Annual Report, are also provided.

To visit our accountability site go to www.mani.umans.ca/about/accountability.

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**Dr. Hughes, I presume**

Olympian Clara Hughes received her honorary degree from the University of Manitoba at fall Convocation on Oct. 19. Also receiving honorary degrees were fellow Olympian Cindy Klassen and Senator Vivienne Poy.

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**St John’s College 140th Annual Convocation**

Sunday November 5, 2006 at 3:00 pm

Chapel of St John the Evangelist

Honouring

Doctor of Canon Law Recipient
Dr. Michael Bancroft (speaker)

Doctor of Divinity Recipient
Rev. Canon Peter Flynn

Honorary Fellowship Recipient
Dr. Leo Mol

St John’s College 2006 Graduates & St John’s College 2006 Award Winners Reception Following Convocation

All are welcome to attend

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**The Bulletin**

University of Manitoba

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

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

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Events
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Send events notices to: barbourd@ms.umanitoba.ca

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The Bulletin can be viewed online at www.mani.umans.ca/bulletin

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There is much to learn from Chornobyl

BY DALE BARBOUR

The Bulletin

To most Canadians, the accident that occurred at the Chornobyl nuclear power plant in Ukraine on April 26, 1986 is a historical event.

But for the people of Ukraine, Belarus and Russia that were caught directly in the fallout of the accident, Chornobyl is a lived experience and to Yuri Scherbak, Ukraine’s ambassador to Canada, the experience of Chornobyl should have currency for everyone today.

Scherbak delivered the 14th annual J.B. Rudnyckyj Lecture at Robson Hall on Friday, Oct. 20 as the keynote speech of a symposium entitled The Nuclear Catastrophe: Chornobyl Twenty Years Later. He was an eye witness to the nuclear accident and produced the book Chornobyl: a documentary story in 1989 about the incident.

“We commemorate the 20th anniversary of Chornobyl under vastly different circumstances,” Scherbak said. “We’re in the era of globalization but we need to pay tribute to this event to comprehend its lessons for the future.”

While there have been a multitude of disasters since Chornobyl, Scherbak said it still occupies a unique space.

“It destroyed the optimistic statements of the scientists and technologists belonging to the nuclear industry and the military complex of the safety of the nuclear industry,” Scherbak said.

Call it a wake up call for the technocrats who placed their faith in nuclear energy as part of the onward “progress of the humankind”. But through that wake up call, Scherbak said other disasters were probably prevented around the rest of the world as the nuclear industry was forced to take stock of itself for reasons of pure self preservation if not public safety. While the industry survived the Chornobyl disaster, Scherbak said it’s doubtful it could survive a repeat performance.

Why the disaster happened is a matter of some debate. Scherbak said the Soviet Union tried to blame unqualified personnel for the disaster but an examination of Soviet plutonium material unearthed during the collapse of the Soviet Union seemed to acknowledge that it was the reactor itself that had failed.

“The plant was a non-viable monster of the Soviet military complex, originally intended to produce plutonium for weapons, not for producing power,” Scherbak said.

But with similar reactors dotting the Soviet landscape, it was easier by far to blame the not the power plant.

Scherbak said he has encountered similar views from a staff member who was onsite when the accident was occurring and called for tons of boron to be dumped into the reactor in an effort to stop the reaction.

From an impact point of view, about five million people spread over 140,000 kms and between three different countries – Ukraine, Belarus, and Russia – are considered to have been in the Chornobyl fall out zone. Trace amounts of radiation also fell across Northern Europe.

While the initial death toll from the disaster was small and limited primarily to plant workers, Scherbak said there is widely varying debate over the number of longer term deaths that could be attributed to Chornobyl – anywhere from 4,000 to tens of thousands.

Farmland and timberland had to be taken out of production and since the disaster a 50 km zone of exclusion has been established around the nuclear power plant leading to the evacuation and destruction of 65 villages. While the forests in question can’t be used for timber, Scherbak said there is concern about radiation being released should a forest fire ever occur – as a result Ukraine’s government has to be vigilant against fires in the region.

Despite living with the ramifications of the world’s worst nuclear accident, Ukraine still uses and even exports nuclear energy. Scherbak said at the time of the accident he was as quick as the next person to argue for no nuclear energy in Ukraine.

“Since then, he’s moderated his views. We had a severe energy crisis in Ukraine, I can remember coming back from Israel (where he also served as ambassador) in 1991 to find total darkness in Kiev,” Scherbak said. “Now I understand that we need nuclear energy too.”

Scherbak’s goal thus isn’t about stopping the nuclear industry, but finding ways to ensure its safety and that is best done by ensuring that the safety of nuclear energy is everybody’s business.

“Establishing a regime of strict international control and objective assessment of reactors and maximum transparency in the functioning of nuclear power plants will contribute to safe operation of such objects in the 21st century,” Scherbak said.

Donate food in lieu of fines

The university pays student groups for annual Community Clean-Up Day for the University of Manitoba’s 17 November 2, 2006

150 students took part

This year 75 students took part

Photo by Rob Barbour

Sprucing up the campus

Student groups headed outdoors on Oct. 17 for the University of Manitoba’s annual Community Clean-Up Day to get the university ready for fall Convocation.

The clean up day is a joint venture between the university and the University of Manitoba Students’ Union. The university pays student groups for their efforts with the student groups supplying the labour.

This year 75 students took part collecting 87 bags of garbage or recyclables and raising $1195 for their respective groups.

Along with support from UMSU and vice-president (administration) Duty Office, many employees of the university helped collect the garbage bag. Aramark supplied hot chocolate for the afternoon and Waste Prevention Office, UMREG and Faculty of Environment, Earth, and Resources lent their resources to the effort.

If there’s any upside to all this territory being pulled out of production it is that nature has stepped in to take the area. Scherbak said the exclusionary zone is teaming with wildlife from wild boar to elk to animals that haven’t been seen in the region for years.

“It’s an interesting phenomenon,” Scherbak said. “Nature has shown its ability to recover.”

Get to know Research at your University

Donations will be accepted at any University of Manitoba Libraries’ circulation desks.

Dr. Cyrus Shafai Assistant Professor Electrical & Computer Engineering Nanotechnology: Impacting Our Day-to-Day Lives Most of us are unaware how much nanotechnology is already affecting our everyday lives. This rapidly-growing area encompasses not only physics, chemistry, materials science and engineering; but also biology and medicine. As nanotechnology steadily evolves, the field could be radically new applications in the areas of molecular electronics; effective vaccines, drug delivery and disease diagnosis; and major leaps forward in textile sciences, communications, and much more.

This presentation will enlighten everyone on how nano-systems are being used in applications from tiny implantable medical devices and sensors, to household appliances that use microscopic mechanical parts. Some of this exciting nano-system research is being done right here at the University of Manitoba.

Wednesday, November 15, 2006 7:00 pm
Smartpark Lobby Boardroom 135 Innovation Drive, Fort Garry Campus Everyone welcome!

University of Manitoba

Free Admission

For more information call 474-2020

Free Parking
The era of being able to live off student volume has ended

The cost of providing a university education is significantly more than the cost of obtaining a university education. The reason is straightforward. Tuition fees provide a smaller fraction of the operating budget than does the annual provincial grant, and the disparity between tuition income and grant becomes wider in parallel with the complexity of the institution. Large research universities—those with medical schools and doctoral programs of study as well as undergraduate programs—generally have a smaller fraction of their operating budgets provided through tuition than is the case with small, primarily undergraduate institutions. The cost difference arises because some programs of instruction are more expensive than are others. The more specialized the instruction, requiring, for example, laboratories with dangerous chemicals and/or equipment in addition to class-based lectures, the greater the cost. Some programs are expensive because they require virtually a one-to-one ratio between instructor and student. When a would-be dentist places a high speed drill into a patient’s mouth, for example, one wants the instructor to be close at hand. There is also a one-to-one relationship between each graduate student and his or her thesis supervisor. Accordingly, educating students in professional programs, such as medicine, dentistry, engineering among others, as well as graduate programs, costs much more than educating undergraduate students in the humanities and social sciences.

Some provinces have recognized the difference in the cost of providing different programs of study by enacting funding mechanisms that recognize the differential costs of different programs, and by permitting institutions to set their tuition fees according to their program needs. Manitoba does neither. The annual provincial grant is a block grant, and tuition fees in the aggregate remain at the 1999 level. In addition, balanced-budget legislation applies to universities in Manitoba, and even in those institutions where tuition fees have been in place since 2000 by employing a strategy well-illustrated in Manitoba must come in on a balanced budget. In this next, not just in the next fiscal year. The easiest way that deans could reduce their budgets is by curtailing such instructors go, by curtailing their hiring or by both approaches. On the other hand, each sessional instructor let go by a dean would mean fewer courses taught, and the loss of the revenue that these courses would have provided. The greatest savings that could be had would be in the large Arts and Science faculties, but these are also the ones that have the greatest need for additional instructors, as the volume of students from past years is moving through the upper years. Dean’s say that in these circumstances having to cut their budgets make no sense, and I agree with them. Nevertheless, regardless of crowded classrooms in upper years, regardless that students may have to extend their years of study to find required courses that are taught only in alternate years, regardless that cuts to the library will mean insufficient books and other reference materials for students, each university in Manitoba must come in on a balanced budget. In this kind of equation, the responsibility to provide proper education takes second place to the fiscal requirement for balanced budgets that was set by statute at a time when institutions set their fees without interference. The tuition freeze is extremely popular in some provinces, and assist them more to attain academic success. As

The tuition freeze actually works as a form of universal aid to students who do not need that aid, and has not made much of a difference to students who need aid to enrol and to stay in school. Were more revenue available universities could not only meet the costs of providing a proper education, they could also direct more aid to the socio-economically disadvantaged, implement measures that would direct more students from such backgrounds and assist them more to attain academic success. As Usher put it (2006:15), it is time to stop “putting the needs of the needs ahead of the needs of the needy.” Manitoba’s universities are in the education business, and they know how to run their businesses. It is time to let them go on with it.

References

Usher, Alex August 2006 Beyond the Sticker Price: A Closer Look at Canadian University Tuition Levels. Toronto, ON: Educational Policy Institute. 1. A portion of this article is forthcoming in The Focus, a publication of the Manitoba Chambers of Commerce.

Letters Policy

The University of Manitoba Bulletin welcomes letters to the editor from readers about matters related to content in the Bulletin, the university or higher education, with the understanding that they are addressed to the editor. Opinions expressed are those of the writer. The Bulletin does not publish anonymous letters. Please include your name, affiliation and phone number. Letters should be submitted to barbourd@ms.umanitoba.ca. The Bulletin reserves the right to edit letters to address style, length and legal considerations.

Viewpoint Policy

The University of Manitoba Bulletin welcomes submissions for Viewpoint from members of the university community. Unless otherwise discussed in advance with the editor, articles should range between 600 and 700 words and should address issues related to the university or higher education. Speeches related to issues of interest to the university community are also welcome. E-mail submissions to barbourd@ms.umanitoba.ca. The editor reserves the right to edit or reject any submission that does not comply with policy. Opinions expressed are those of the writer.
**Aboriginal Youth Recognized**

Seven Aboriginal students from the University of Manitoba were among 14 who were honoured at the University of Manitoba Aboriginal Youth Achievement Awards on Oct. 19.

The event, held at the Winnipeg Convention Centre, celebrated the year’s accomplishments in a variety of areas including art, music, athletics, and community work. Here are this year’s winners from the University of Manitoba.

Academic Senior, Anna Nelson, a 23-year-old linguistics student with a current GPA of 4.25. Artist/Performer, William Prince, a pre-med student who is also a gifted guitarist. Athletic Senior, Craig Settee, a talent 21-year-old hockey player with a knack for helping his team win championships.

In helping entrepreneurship, Christy Bird, a cancer survivor who is currently earning her social work degree.

Comprehensive Community Center Senior, Lindsay Campbell, a 21-year-old social work student who also volunteers for Big Sisters, Empowering Our Little Sisters, and the Winnipeg Boys and Girls Club, among others.

Personal Achievement Senior, Cory Simpson, a gifted civil engineering student who also tutors at the Aboriginal Community Campus.

**Research Associates**

November 1, 2006 to April 30 2007

The University of Manitoba invites applications for Research Associates to fill positions in the following fields:

- Animal behaviour
- Food engineering
- Food analysis
- Food packaging
- Agriculture
- Wildlife/landscape/population ecology
- Nutrition health
- Food chemistry
- Cereal chemistry
- Food carbohydrates
- Food microbiology
- Food safety
- Food processing
- Food science
- Microbiology
- Animal nutrition
- Animal development
- Aquaculture
- Milling
- Charcoal
- Water management
- Environmental science
- Water/wastewater engineering
- Aquatic biology
- Landscape change and spatial analysis of the agro ecosystem in remote sensing and image analysis
- Biology of IgA and its receptors mucosal immunology
- Interprofessional practice
- Atmospheric science with a focus in extreme weather, storms, surface-atmosphere coupling, and numerical modeling applications
- Analysis of biomolecules
- Atomic and molecular physics
- Electronic properties of nanostructures
- Spin transport in quantum systems
- Electron conduction in the DNA
- Matter theory and statistical physics
- Mathematical physics
- Atomic mass measurements on nuclei far from stability with ion traps
- Time-of-flight mass spectrometry
- Structural genomics
- Cardiovascular function
- Conduct focus groups & interviews, coding and data analysis
- Plant pathology
- Agronomy
- Plant physiology
- Plant molecular biology
- Biochemistry and molecular research
- Protein electrophoresis
- Methods of preservation of the heart and brain during cardiac surgery using in vivo and in vitro models in combination with magnetic membranes and contractile proteins, Ca2+-transport, signal transduction, ischemic heart disease, ischemia-reperfusion injury, vascular smooth muscle, Hypertension research, proteinelectrophoresis, methods of preservation of the heart and brain during cardiac surgery using in vivo and in vitro models in combination with magnetic resonance imaging and spectroscopy, Airway smooth muscle biology, respiratory physiology, asthma, vascular smooth muscle biophysics and biochemistry, airway smooth muscle biometrics, ultrastructures and immunocytochemistry, pulmonary physiology, biochemistry and molecular biology, developmental biology of the lung, differentiation, receptor coupling and signalling in airway smooth muscle, educational research both qualitative and quantitative (survey questionnaire construction, conduct focus groups & interviews, coding and data analysis, plant pathology, agronomy, and plant physiology, plant molecular biology, and biochemistry and molecular biology, systems biology, molecular biology of human digestive system, cardiovascular disease, vascular disease, and cancer research, galactic plane survey, high energy astrophysics, condensed matter, and the theory of the structure of the universe, application of finite element methods in the study of fluid flow, wave propagation, and numerical analysis, application of fluid mechanics, application of finite difference methods in fluid flow problems, applied science, include two-phase flow in branching junctions and manifolds, condensation heat transfer with and without noncondensable gases, and computational fluid dynamics in porous media, material engineering research, deformation, laser and friction welding of aerospace materials, non-destructive prediction of failure, and composites durability, applied mechanics and design research, design and workability of artificial prosthetics, theory of fracture, analysis of iced electrical transmission lines, and computer-assisted analysis of linkages and mechanisms, and manufacturing and controls research, manufacturing issues including teleoperation of equipment and human factors engineering, robotics, and robot-environment contact interactions, production and operation research, studies queuing models and network analysis, collaborative educational research, interprofessional practice, atmospheric science with a focus in a context with extreme weather, storms, surface-atmosphere coupling, and numerical modeling applications that include this either in mid-latitude or polar environments, atmospheric science with a focus in the field areas of electromagnetic and remote sensing of climate, sea-ice geoclimatology, this includes either either mid-latitude or polar environments, atmospheric science with carbon dynamics in polar marine environment, air-surface carbon exchange, and marine sub-arc coasts of the Canadian Arctic Archipelago and the terrestrial ecosystem modeling, (Soil-vegetation Atmosphere), eddy correlation systems, forest ecology, agriculture or related biological field in statistical modeling, forest biophysical modeling, invasive species biology, landscape change and spatial analysis of the agro ecosystem in remote sensing and image analysis, biology of lgh and its receptors mucosal immunology, expression of the inflammation factors, development of new drugs for inflammatory disease, physical chemistry, atomic and molecular physics, electronic properties of nanostructures, spin transport in quantum systems, electron conduction in the DNA, spintronics, sub atomic physics, functional foods and nutraceuticals, research on diabetes, immuno-related, and computational media, and application of fine difference methods in fluid flow problems, thermal science, include two-phase flow in branching junctions and manifolds, condensation heat transfer with and without noncondensable gases, and computational fluid dynamics in porous media, material engineering research, deformation, laser and friction welding of aerospace materials, non-destructive prediction of failure, and composites durability, applied mechanics and design research.
Bison herd links athletes to First Nation

A unique partnership between the University of Manitoba Bison women’s basketball team and the Skownan First Nation was consummated on Monday, October 23 with the official launch of Running with the Bison, an initiative that revolves around friendship and bison.

The women’s basketball team, which has a bison as its mascot, started community engagement on the First Nation – which included a basketball camp and a retreat – after learning the Skownan community had taken part in a project to introduce a herd of wood bison onto their land. On Monday that herd became the official herd of the University of Manitoba Bison women’s basketball team.

“It’s a natural connection between the two communities,” said Pam Danis, Bison women’s basketball coach. “It’s a spiritual symbol and a source of pride for us, so, ‘running with the bison’ just made sense on the court and in the community.”

The partnership, though based in mutual promotion, has developed into far more than just a pragmatic relationship and that was evident at Monday’s event, which was charged with emotion.

A passionate Danis recounted how exposure to the First Nation community had an enormous positive impact on her and her basketball team, both personally and in terms of developing new goals for the women’s basketball program.

“We would one day like to have a member of the Skownan First Nation community play for the University of Manitoba Bison women’s basketball team,” she said.

And Theresa Nepinak, principal of Skownan School, said the positive energy also flowed the other way with the Bison athletes leaving a lasting impression on her wide-eyed students.

“They just devoured you, they were hungry for your attention,” she said to the members of the women’s basketball team who were in attendance at the event. “And they had a hard time saying goodbye when you left.”

Danis said she hopes the Running with the Bison program is only the beginning of a fruitful partnership between the University of Manitoba and Skownan which will result in many students from the northern community coming to the university.

“You cannot succeed without an education, and ultimately, sports can help you do this by enticing you to stay in school,” she said.

Career Trek, which provides educational programming for young people with perceived barriers to entering post-secondary education, is also a project partner.

It’s your endowment fund!

University of Manitoba support staff members have a chance to tap into the Support Staff Endowment Fund to the tune of $100 to $500. The Support Staff Endowment Fund is a University of Manitoba established trust for the purpose of supporting activities that are of a benefit to, and promote excellence among, the support staff members who work a minimum of 50 per cent positions with the university. Funds available for distribution constitute a portion of the interest income earned by the endowment fund. Projects and activities funded should, in some way, enhance the education, skills, or working conditions of either individual support staff members or groups of support staff members, or wherever possible, all members of the support staff. There will be a minimum of 10 awards handed out to individuals, which can be worth up to $100. Project awards will be handed out to a maximum of $350.

To receive the awards, support staff members must submit receipts dated between Nov. 1, 2005, and Oct. 31, 2006. A complete description of this year’s U of M Support Staff Endowment Fund individual and project awards and an application form are now available at: manitoba.ca/staff/endowment. The deadline for application is Dec. 15.

If you have any questions regarding the awards, please contact Norma Alexander, co-chair, U of M Support Staff Endowment Fund, School of Medical Rehabilitation, R120-771 McDermot Ave., Wpg. MB, R3E 0T6, or phone 975 7735.

CHILD HEALTH RESEARCH DAY
NOVEMBER 16, 2006

GROWING UP – GROWING BETTER
A Celebration of Manitoba Child Health Research
NOVEMBER 16, 2006 8:00AM to 5:30PM
Theatre A, Basic Medical Sciences Building
727 McDermot Avenue, Bannatyne Campus, University of Manitoba

8:00AM Registration and Continental Breakfast
2nd Floor, Outside Theatre A, Basic Medical Services

8:30AM Opening Ceremony - MC: Dr. Malcolm Ogilvie

9:15AM State of Art Presentations - Early Childhood and Infancy

10:30AM Refreshment Break

10:45AM State of Art Presentations - Childhood

12:00PM Lunch and Poster Presentation, Brodie Atrium

1:30PM State of Art Presentations - Adolescence

2:45PM Refreshment Break

3:00PM State of Art Presentations - Transitioning

4:15PM Introduction of Key Note Speaker,
Dr. Cheryl Rockman-Greenberg

4:30PM KEYNOTE ADDRESS “Fit for Life”
DR. RUTH COLLINS-NAKAI, MBA, FRCP, MACC
Past President, Canadian Medical Association
Registration is free. Register online at www.mch.ca today!

Riddell visits Riddell

Clayton Riddell, left, paid a visit to his namesake the Clayton H. Riddell Faculty of Environment, Earth, and Resources on Oct. 20. He toured the facilities and met with faculty members such as geological sciences professor Frank Hawthorne.
Giesbrecht draws lessons from the cold

Books
by University Staff

BY DALE BARBOUR
The Bulletin

Love it — and some people do — or hate it, there’s no way to avoid the fact that Canada has some of the coldest weather in the world.

And if people don’t take the proper precautions that cold can kill.

But that’s where Hypothermia, Frostbite, and Other Cold Injuries: Prevention, Survival, Rescue, and Treatment, a new book by Physical Education and Recreation Studies professor Gordon Giesbrecht and California doctor James A. Wilkerson comes in.

“It’s a book basically about how to deal with the cold,” Giesbrecht said. “Our target audience is everyone from the armchair adventurer to search and rescue people to paramedics and physicians.”

Giesbrecht said they’ve tried to make the book accessible and included graphics, pictures and stories of actual events to drive home their points.

Case in point: What’s better, gloves or mitts?

“Surface area to mass is an issue that has a lot to do with how you lose heat from your body,” Giesbrecht said. “To illustrate the point, we demonstrate with diagrams how mitts and gloves provide insulation value and how you lose less heat with mitts which is why mitts are better.”

Much of the information on the book is new; based on research that Giesbrecht has carried out over the past 20 years. Originally a wilderness instructor, he came to the University of Manitoba in the 1980s for his bachelor and masters degrees in physical education and then went on to do a PhD through the department of medicine. His focus throughout has been answering some of the questions about cold weather survival that date back to his own time in the field.

The book, which was published by The Mountaineers Books, covers everything from how to escape from a submerged vehicle, to warming a victim of hypothermia. On the latter, Giesbrecht advocates applying external heat even before the person reaches the hospital. And if no other options are available, shivering can help.

“People can generate five to six times their normal heat production levels just through shivering,” Giesbrecht said. “If you insulate a person well and they shiver they should warm up on their own.”

McNally Robinson Bookellers held a book launch for Hypothermia, Frostbite and Other Cold Injuries last month — they sold out of the book and Giesbrecht even pulled extra new copies out of his collection for people looking to buy.

But that’s not surprising, Giesbrecht’s own work in the field has earned him the nickname Prof. Popsicle and led to appearances on David Letterman and the Rick Mercer show.

“Cold stuff is a sexy topic,” Giesbrecht said. “For people in Canada, even if they haven’t had direct exposure to cold we still understand its impact from living in a cold environment and we have an interest in temperature.”

For his part, Giesbrecht says he doesn’t seek out publicity, but he won’t shy away from it either.

“My goal in any media event is using it as an opportunity to educate the public because there are so many misconceptions that are costing lives,” Giesbrecht said.

Hypothermia, Frostbite and Other Cold Injuries tackles those misconceptions as well, including the belief that if you fall into ice water you have only minutes to live before succumbing to hypothermia.

Instead Giesbrecht lays out the 1-10-1 principle; people have one minute to get their breathing under control from the initial shock of the cold, they then have ten minutes before it becomes difficult to move due to the cold, and then they have an hour before they’ll lose consciousness due to the cold.

Giesbrecht covered the same material on the Letterman show — the novelty of dumping a person in ice attracted the show’s producers to him, but Giesbrecht used his multiple appearances throughout the show to drive home his points.

“We took a three hour experiment worked it out through 50 minutes and reached six million people through 50 minutes and reached six million people that night,” Giesbrecht said.

And most importantly of all, people understood the message. Giesbrecht said he’s had at least one person come up to him since the show and tell him that he put the advice he heard on Letterman into practice and it saved his life.

“Now that’s just one person, but you know if he’s telling you about it there are other people who you’re not hearing from that have been able to use the information,” Giesbrecht said.

Get out and support the Bison

The Bison have earned the right to host one of the two Canada West semi-final games as they have clinched first place in the Canada West conference.

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Tickets are available at all Ticketmaster outlets or online at ticketmaster.com and at all Winnipeg Safeway locations. Prices will remain the same as the regular season price. Adults are $10, Students and Seniors are $6 and Children Under 12 are free.
Bison Sports

FOOTBALL
Nov. 4 – Canada West Semi-Finals, Regina at Manitoba, Canad Inns Stadium, 7 p.m.
Nov. 11 – Canada West Final, Location and Time TBA.
Nov. 18 – CIS Semi-Final, Location and Time TBA.

MEN’S BASKETBALL
Nov. 2 – Manitoba at Winnipeg, University of Winnipeg, 8 p.m.
Nov. 4 – Winnipeg at Manitoba, Investors Group Athletic Centre, 8 p.m.
Nov. 10 – Brandon at Winnipeg, Winnipeg University, 8 p.m.
Nov. 11 – Brandon at Manitoba, Investors Group Athletic Centre, 8 p.m.

WOMEN’S BASKETBALL
Nov. 2 – Manitoba at Winnipeg, University of Winnipeg, 6:15 p.m.
Nov. 4 – Winnipeg at Manitoba, Investors Group Athletic Centre, 6:15 p.m.
Nov. 10 – Brandon at Winnipeg, Winnipeg University, 5:30 p.m.
Nov. 11 – Brandon at Manitoba, Investors Group Athletic Centre, 6:15 p.m.

MEN’S HOKEY
Nov. 10 – Calgary at Manitoba, Max Bell Centre.
Nov. 11 – Calgary at Manitoba, Max Bell Centre.
Nov. 17 – Lethbridge at Manitoba, Max Bell Centre.
Nov. 18 – Lethbridge at Manitoba, Max Bell Centre.

WOMEN’S HOKEY
Nov. 3 – Alberta at Manitoba, 7 p.m.
Nov. 5 – Alberta at Manitoba, 7 p.m.
Nov. 4 – Alberta at Manitoba, 7 p.m.
Nov. 2 – Winnipeg at Manitoba, Investors Group Athletic Centre, 8 p.m.
Nov. 17 – Regina at Manitoba, Investors Group Athletic Centre, 8 p.m.
Nov. 18 – Regina at Manitoba, Investors Group Athletic Centre, 8 p.m.

MEN’S VOLLEYBALL
Nov. 3 – Winnipeg at Manitoba, Investors Group Athletic Centre, 8 p.m.
Nov. 17 – Simon Fraser at Manitoba, Investors Group Athletic Centre, 8 p.m.
Nov. 18 – Simon Fraser at Manitoba, Investors Group Athletic Centre, 8 p.m.

WOMEN’S VOLLEYBALL
Nov. 3 – Winnipeg at Manitoba, Investors Group Athletic Centre, 8 p.m.
Nov. 17 – Simon Fraser at Manitoba, Investors Group Athletic Centre, 8 p.m.
Nov. 18 – Simon Fraser at Manitoba, Investors Group Athletic Centre, 8 p.m.

TICKET INFORMATION
Single Game
Adults: $8
Students: $5
12 and under: free
Season passes
Adults: $55
Students: $50
Tickets available at all Bison home games, Frank Kennedy, Max Bell Equipment Desk.

Events Listing
University of Manitoba

Durang takes us Beyond Therapy

The Black Hole opens its 06’07 evening “mainstage” season Tuesday, Nov. 14, with Christopher Durang’s outrageous and brilliant farce, Beyond Therapy.

The comedy is an extremely funny expose of contemporary self-centeredness, angst, and neurosis. The piece directs a good many bars at pseudo-psychanalysis, and has a good deal of fun with “psycho-babbble,” self-realization, and love, or its modern equivalent. Can anyone find true love when everyone is selling your analyses as apparently as crazy as you are? Or finds it fashionable to think so? Durang, whose other plays include Sister Mary Ignatius Explains It All to You, The Marriage of Bertie and Rose, Ruby with the Radiator, and The History of American Film, is certainly among the wittiest playwrights of the contemporary American theatre. Beyond Therapy will be directed by Alexis Martin, whom Black Hole audiences last saw (as appropriately!) Mrs. Marlin in last year’s The Bald Soprano.

The play runs Nov. 14 to 18 and 21 to 25 at the Black Hole Theatre. Showtime is 8 p.m. with a special showcase, 7 p.m., on Nov. 21.

University of Manitoba BookStore
Customer Appreciation Days
The biggest sale of the year!
UM BookStores - Nov. 17 to 25

THURSDAY, NOVEMBER 2
Advanced Plant Science, The wheat leaf- rust pathosystem: what have we learned from it? by Sylvie Cloutier, Agriculture and Agri-Food Canada, Carolyn Sifton Lecture Theatre, 150 Agriculture Building, 3:30 p.m., Thursday, Nov. 2.

Microbiology, The Ornibactin Biosynthesis and Transport Genes of Burkholderia cepacia are Regulated by and Extracytoplasmic Function sigma Factor Which Is a Part of the Fur Regulon by Jason Hamlin, 306 Buller Building, 3:30 p.m., Thursday, Nov. 2.

Law, Canada’s Judicial Appointment Process: from Manitoba Law School to the Supreme Court of Canada by the Hon. Justice Marshall Rothstein, Supreme Court of Canada, Faculty Lounge, Robson Hall, 12:40 p.m., Thursday, Nov. 2.

Summer Travel/Study Program, Women In Nicaragua – Women In Canada, An event by participants in the 2006 Summer Travel/Study Program, 307 Tier Building, 3:30 p.m., Thursday, Nov. 2. To insure adequate supply of food/drink, please contact: Tammy Shirliff at either 474-6984 or shirliff@cc.umanitoba.ca.

Friday, November 3
Chemistry, Zinc Phases Among the Post-Transition Elements and the Remarkable Chemistry that Evolves for Earlier p-Elements by Prof. J.D. Corbett, department of chemistry, Iowa State University, Ames, IA, U.S.A., 539 Parker Building, 2:30 p.m., Friday, Nov. 3.

Economics, Tax Noncompliance and Corporate Governance by Lindsay Tedds, University of Manitoba, 307 Tier Building, 2:40 p.m., Friday, Nov. 3.

Psychology, Why do preschoolers fail executive function tasks? The roles of inhibition and disinhibition by Ulrich Mueller, department of psychology, University of Victoria, Pi12 Duff Robin Building, 3 p.m., Friday, Nov. 3.

Elizabeth Dafao Library Graduate Student Lectures, Human Perceptions on Co-Management for the Eastern Hudson Bay Beluga Population by Robin Gislason, graduate student, Faculty of Environment, Earth, and Resources, Iceland Board Room, 3rd Floor, Elizabeth Dafoe Library, 12:30 p.m., Friday, Nov. 3.

Global Political Economy, An Assessment of the Existing Eco-Politics and a Call for Eco-Socialism by Joel Kovel, distinguished professor of social studies, Bard College, Annandale, N.Y., with discussants Shirley Thompson, Natural Resources Institute, and Rod Kuemmen, sociology, 3rd Floor, Elizabeth Dafoe Library, 12:30 p.m., Friday, Nov. 3.

SaturdAy, NOvember 4

TUESDAY, NOVEMBER 7
Seminar Series, Ontopopulation behaviour and inheritance of deterrence resistance to wheat midge Sitodiplosis mosellana (Dip. Cecidomyiidae) in spring wheat lines by Ali Hosseini Ghahrat, department of entomology, 220 Animal Science/Entomology Seminar Series, 2:30 p.m., Tuesday, Nov. 7.

FRIDAY, NOVEMBER 3
Global Political Economy, Is Capitalism the Core Problem Behind the Ecological Crisis? by Joel Kovel, distinguished professor of social studies, Bard College, Annandale, N.Y., with discussants Shirley Thompson, Natural Resources Institute, and Rod Kuemmen, sociology, 3rd Floor, Elizabeth Dafoe Library, 12:30 p.m., Friday, Nov. 3.

Philosophical Fridays, Two Puzzles about Intentional Action by Ryan Wasserman, assistant professor in philosophy, Western Washington University, 220 Tier Building, 3 p.m., Friday, Nov. 3.

Mathematics, Modular Function by Filothea Gheorghe, graduate student, 415 Macrhy Hall, 2:30 p.m., Friday, Nov. 3.

The Centre for Hellenic Civilization, The Problem of Rhetos: A Fourth- Century Macedonian Play? by Yavos Liapis, University of Manitoba, 307 Tier Building, 3:30 p.m., Friday, Nov. 3.

SATURDAY, NOVEMBER 4

The 2006 TRLabs Information and Communications Technology Symposium runs 7:30 a.m. to 4 p.m. on Tuesday, Nov. 7 at the Radisson Hotel, downtown Winnipeg. The theme of the symposium is Trains, Planes & Automobiles ... Buses, Tractors & Earthmovers too! People in attendance will have the chance to learn about innovative ICT applications for the transportation sector. For registration and further information see http://cts.win.trlabs.ca, call 489 6060 or c-e-mail admin@win.trlabs.ca. The registration fee of $35 covers breakfast and lunch.

Wednesday, November 8
Pharmacy PhD Oral Defense, Development and Evaluation of a Novel Pharmaceutical Dose Form for the Induction of Emisses in Canines by Jason Jones, 401 Physics Building, 10:30 a.m., Wednesday, Nov. 8.

Native Studies, Starting Early Starting Right: The Apanochek Pasqua Project by Darrell Cole, director of Career Trek, 307 Tier Building, 12:30 p.m., Wednesday, Nov. 8.

Events Continue on Page 10.
**Bannatyne Campus**  
**AND ST. BONIFACE RESEARCH CENTRE**

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

**THURSDAY, NOVEMBER 2**  
St. Boniface Research Centre Lecture, Conversations Between Glia, Neurons and Blood Vessels in the Retina by Eric Newman, Distinguished McKnight University Professor, department of neuroscience, University of Minnesota, Samuel Cohen Auditorium, St. Boniface Research Centre, 4 p.m., Thursday, Nov. 2.

**FRIDAY, NOVEMBER 3**  
Community Health Sciences Colloquium, Surgical waiting times: an administrative data approach by Carolyn DeCoster, assistant professor, community health sciences, associate director of research, Manitoba Centre for Health Policy, Dr. Betty Havens Seminar Room R060 Medical Rehabilitation Building, 12 p.m., Friday, Nov. 3.

**WEDNESDAY, NOVEMBER 8**  
St. Boniface Research Centre Lecture, Alzheimer's Disease: Debating it at the Synapse by Ottavio Arancio, assistant professor, department of pathology, Columbia University, New York, New York, Samuel N. Cohen Auditorium, St. Boniface Research Centre, 3 p.m., Wednesday, Nov. 8.

**THURSDAY, NOVEMBER 9**  
Immunology, innate immunity related dysregulation pathways in oral cancer by Abhijit Banerjee, department of oral biology, University of Manitoba, 604/605 Basic Medical Sciences Building, 12 p.m., Thursday, Nov. 9.

**MONDAY, NOVEMBER 13**  
National Training Program in Allergy and Asthma Research, The Role of the Research Ethics Boards and Asthma Research, National Training Program in Allergy and Asthma Research, University of Manitoba, Pharmacology Library St. Boniface Research Centre, University of Manitoba, Pharmacology Library A229 Chown Building, 9 a.m., Friday, Nov. 17.

**FRIDAY, NOVEMBER 24**  
2006 Grass Traveling Scientist Lecture, Repair & regeneration of the injured spinal cord. Opportunities for clinical translation of basic research discoveries by Michael Febhlings, medical director, Keenebull Neuroscience Centre, head, spinal program, University Health Network and professor of neurosurgery, University of Toronto, at 12 p.m. in Theatre A Basic Sciences Building, 12 p.m., Friday, Nov. 24. For more information on the lecture visit website at www.sfn-manitoba.ca.

**Bannatyne campus is smoke-free.**

The University of Manitoba has declared its Bannatyne campus a smoke-free zone. The policy, passed earlier this year, extends the university’s no-smoking restriction to cover the entire Bannatyne campus— including buildings, grounds and parking areas.

The policy achieves the university’s goal of fostering a healthy environment for all members of its community and is consistent a similar policy enacted by the Health Sciences Centre on its property. Signs throughout the Bannatyne campus will alert people to the new policy and ask for their help in making it work. For information on the Clean Air Process see: umanitoba.ca/admin/governance/governing_documents/staff/088.htm. For assistance with smoking cessation: umanitoba.ca/admin_human_resources/ehbo/media/BannatyneSmoking.pdf.

**Remembrance Day ceremony**

The University of Manitoba’s annual Remembrance Day Ceremony takes place at 11 a.m., Thursday, Nov. 9 in the Brodie Centre Atrium on the Bannatyne campus. Students, faculty, staff and members of the community are invited to attend. The ceremony will also be webcast from the university’s homepage at umanitoba.ca.

**BANNATYNE CAMPUS**

**GALLERY ONE ONE ONE**

**GALLERY ONE ONE ONE**

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

**Beyond Therapy**

by Christopher Durang

November 14 to 21

**Showtime 8 p.m. Special showtime 7 p.m.**

**November 21**

Christopher Durang’s *Beyond Therapy* is an extremely funny expose of contemporary self-centeredness, angst, and neurosis. *Beyond Therapy* will be directed by Alexis Martin, whom Black Hole audiences last saw as (appropriately) Mrs. Martin in last year’s *The Bald Soprano*.

**LUNCHBAHAGG SERIES**

The University College Lunchbag Series:

November 20 to 30

**Title: TBA**

Performance times: Tuesday and Thursday at 12 p.m., Wednesday, 12:30 & again at 7:30 p.m. Admission is free with the exception of the Wed evening show which has a $1 admission charge.

**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.

**Faculty of Music at the Daily Bread Cafe**

**Thursdays, 6 to 9 p.m.**

**St. John’s College**

St. John’s College is partnering with the Faculty of Music to establish a series of weekly musical performances live in the Daily Bread Cafe. The performances run every Thursday throughout the academic year from 6 to 9 p.m. The performances will cover a wide range of tastes. Jazz, Opera, Classical, and New Music will all be featured, and performed by the aspiring musicians of the Faculty of Music.

**EUREKA! MUSICAL**

**Wednesday, December 6, 7 to 9 p.m.**

**135 Innovation Drive, Smartpark**

Smartpark INTERACTIVE in collaboration with the Faculty of Music is pleased to present *Eureka! Musical*, an eclectic concert (jazz, opera, chamber music and musical theatre) showcasing the innovative talents of the university’s Faculty of Music students. E-mail wiebe7@cc.umanitoba.ca or call 480 1434 to RSVP. Seating is limited. Event and parking are free.

**Faculty of Arts & Entertainment**

**REX**

by Christopher Durang

November 14 to 18 & 21 to 25

**Showtime 8 p.m.**

**November 21**

Christopher Durang’s *Rex* is an extremely funny expose of contemporary self-centeredness, angst, and neurosis. *Rex* will be directed by Alexis Martin, whom Black Hole audiences last saw as (appropriately) Mrs. Martin in last year’s *The Bald Soprano*.

**Prisoner of the Mountains (1994)** by Sergey Bodrov (98 min.)

Sergei Bodrov’s drama of the Chechen war is set high in the isolated Caucasus Mountains, where the 20th century meets ancient lifestyles. Young Russian soldier Vanya and his jaded Sergeant survive an ambush by Chechen guerrillas and wind up hostages of a village elder, a widower who wants to swap the hostages for his POW son. Bodrov’s humanity is strained with harsh realism—he takes no sides and offers no fantasies of happy endings, only small miracles of kindness that refuse to be swallowed in the destruction and mistrust.

**The Constellation OK (1993)** by Petir Todorovsky (99 min.)

November of 1942. The Battle for Stalingrad is at its height. One hundred kilometers to the North, a tiny village of Shishka lives a life of its own. The heroes of this saga are a twenty-year-old shepherd Vanya, a city youth Igor, and a local beauty Kalya. The friendship of Igor and Vanya is put to test when the teenagers run into German soldiers miles away from the village.
Health researchers receive $8.5 million

BY FRANK NOLAN
Research Promotion

Forty-two health research projects at the University of Manitoba have received a total of $8.5 million in new funding from the Canadian Institutes of Health Research (CIHR). The new funding was highlighted on October 20 in Ottawa by the Honourable Vic Toews, Minister of Justice and Attorney General of Canada on behalf of the Honourable Tony Clement, Minister of Health.

The funded projects will be conducted at the University of Manitoba and partner research institutions, including CancerCare Manitoba, St. Boniface General Hospital, and the High Level Health Authority, and they will be carried out over periods of one to five years. These 42 projects encompass a broad range of specialized health research, from investigations of human disease at the molecular level, to comprehensive studies of population health,“ said Joanne Keselman, vice-president (research) at the University of Manitoba. “The CHFR funding highlighted today is a welcome recognition of both the very high calibre of our health researchers and the importance of their work, and it’s great news for all of the people whose lives will be improved by these cutting-edge projects.”

Listed alphabetically, the principal investigators whose projects received new funding include: * Peter Cattini, physiology • Brian Cox, psychiatry, with co-investigators Jitender Sareen and Murray Enns, psychiatry • Brenda Elias, community health sciences • Keith Fowke, medical microbiology, with co-investigator Jody Berry, immunology, medical microbiology • Spencer Gibson, biochemistry and medical genetics • Kathleen Gough, chemistry, with co-investigator Marc Del Bigio, pathology • Maureen Heaman, nursing, with co-investigators Michael Moffat and Lawrence Elliot, community health sciences, and Michael Helleva, obstetrics and gynecology • Larry Jordan, physiology • Lorrie Kirshenbaum, physiology • Binhua Liang, medical microbiology • Lisa Liu, community health sciences, with co-investigators Abba Gumel, mathematics; William Leslie, internal medicine; and Chris Bowman and Richard Baumgarner, National Research Council Institute for Biodiagnostics • Marek Los, biochemistry and medical genetics • Grant Mc Clarty, medical microbiology • Leigh Murphy, biochemistry and medical genetics, with co-investigator Peter Watson, pathology • Gregoire Nyomba, internal medicine, with co-investigator Suresh Mishra, physiology • Karmein O, animal sciences • John O’Neill, community health sciences, with co-investigators James Blanchard, community health sciences, medical microbiology • Shiva Halli, Javier Mignone and B.M. Ramesh, community health sciences; and Stephen Moses, medical microbiology • Pamela Orr, community health sciences, with co-investigators Linda Larcombe and Meena Sharma, medical microbiology; and Peter Nickerson, internal medicine • Jitender Sareen, psychiatry • Garry Shen, internal medicine, with co-investigators Sharon Bruce and Robert Murray, community health sciences; Sora Ludwig, internal medicine; Phillip Gardiner, Physical Education and Recreation Studies; Gustaaf Sevenhuysen, human nutritional sciences; Heather Dean, pediatrics and child health; and Margaret Morris, obstetrics and gynecology • Peter Watson, pathology, with co-investigators Leigh Murphy, James Davie, Spencer Gibson and Enienné Leggey, biochemistry and medical genetics; Sabsine Mai, physiology; and Yvonne Myal, pathology • Xiao-Jian Yao, medical microbiology. (*List does not include CIHR trainee awards.)

Upcoming

Get to know Research at your University Speaker Series
November 15, 7:00 pm
Smartpark Lobby Boardroom

with

Dr. Cyrus Shafai
Assistant Professor
Electrical and Computer Engineering

Nanotechnology: Impacting Our Day-to-Day Lives

What exactly is nanotechnology, and how does it affect you? These questions will be the focus of a public lecture by Cyrus Shafai, electrical and computer engineering, on November 15, as part of the Get to Know Research at your University speaker series.

Shafai is director of the Nano-Systems Fabrication Laboratory at the University of Manitoba, which is capable of making micro-devices with features as small as a few nanometres (one nanometre is one thousand millionth of a metre). His presentation will explain how nano-systems are being used in applications ranging from tiny implantable medical devices to household appliances that use microscopic mechanical parts. Shafai will also outline the enormous future potential of this technology in molecular electronics, vaccine development, textile sciences, communications, and much more.

Admission is free, and everyone is invited to attend. For more information, please call Kimberley at 474-9020.

BY RENEE BARCLAY
Public Affairs

Research News is Published by the Office of the Vice-President (Research) Comments, submissions and event listings to: stefaniai@ms.umanitoba.ca Phone: (204) 474-9020 Fax: (204) 261-0325

Research To Life
The Bull

BY RENÉE BARCLAY
For The Bulletin

When Maria Enriquez arrived at the Faculty of Dentistry at 7:30 a.m. on Saturday, Oct. 21, she waited in line behind 199 other people like herself, hoping for a chance to receive free dental care.

The line-up marked the beginning of Open Wide Day – an event organized by the Faculty of Dentistry and the Manitoba Dental Association, where over 125 dentists, dental hygienists, dental assistants and clinic support staff volunteered their time and expertise to provide a free day of dental care for the public. The community event was held in the Faculty of Dentistry’s state-of-the-art, 100-dental-chair clinic.

“Open Wide Day provides dentists with an opportunity to give something back to the community,” said Tom Colina, Open Wide chairperson. “Dentists received requests for dental care by hundreds of individuals who cannot access dental care because of limiting socio-economic factors.

For Enriquez, the early morning trip to the faculty paid off. When the doors opened at 8 a.m., she received a card guaranteeing that we all could check-up for her two children later that day.

“I got number 200, so I was able to leave to take my daughter to her Polish lesson and then come back.”

Enriquez is already a patient of the Faculty of Dentistry clinic, but with no dental insurance she says she cannot afford regular dental care for her children. Her visit to Open Wide Day resulted in a filling for her three-year-old son and a check-up and fluoride treatment for her five-year-old daughter.

“I appreciate this so much,” she said. “Open Wide really is a good idea.”

Meanwhile, members of the Fort Garry MennoMennonite Church brought in a family of 10 refugees, which they had sponsored recently from Congo. “We hadn’t budgeted for dental care, so we thought this would be a good opportunity,” Mary Dyck explained.

Another patient, Joyce Pierce, arrived at the Faculty at 7:45 a.m. and was relieved to have her tooth filled. “It’s a great event. I had two of the best dentists,” she said, trying to smile with her face still numb from local anesthetic.

In total, 344 people received a wide range of dental services, including cleanings, fillings, extractions, and simple denture repairs.

“Open Wide was a great success that happened because of team work,” said Randall Mazurat, acting dean of the Faculty of Dentistry. “Patients were appreciative of the care they received and our volunteers were happy to be able to accomplish so much by working together. This was truly a community effort that will continue.”

Colina said the Manitoba Dental Association and the Faculty of Dentistry hope Open Wide Day would also help raise awareness about the importance of proper dental care.

Open Wide 2006 chairperson Tom Colina said the Manitoba Dental Association and the Faculty of Dentistry hope Open Wide Day would also help raise awareness about the importance of proper dental care.