University of Manitoba Hosts International Symposium on HIV/AIDS

ILANA SIMON, For the Bulletin

More than 75 of the world’s top HIV/AIDS researchers converged on Winnipeg for a major symposium to advance scientific knowledge and research collaboration on the phenomenon known as “exposed unaffected” or those with a natural immunity to HIV/AIDS. The University of Manitoba, the International Centre for Infectious Diseases (ICID), and the Public Health Agency of Canada held the first International Symposium on Natural Immunity to HIV/AIDS in Winnipeg November 15 – 17, 2009 at the Hotel Fort Garry. The Symposium, sponsored by the Bill & Melinda Gates Foundation, the University of Manitoba and the Public Health Agency of Canada, set an international research agenda on natural immunity to HIV. Natural immunity to HIV was discovered in some Nairobi sex workers who were researching natural immunity to HIV so that we may form an international consortium of researchers to share data and samples,” said Dr. Keith Fowke, Associate Professor, Department of Medical Microbiology, Faculty of Medicine, Director of the Laboratory of Viral Immunology and one of the symposium organizers. “Each of us studies small populations and we need to confirm our findings by bringing together all of the data.”

Fittingly, the University of Manitoba played a key role in the symposium given that Faculty of Medicine researchers have been at the forefront of research on natural immunity to HIV. “We are proud to bring together the world’s leaders to exchange scientific findings and to create a strategy for working together at the international level toward research discovery and success,” said Dr. J. Dean Sandham, Dean of Medicine, University of Manitoba.

Added Dr. Frank Plummer, Scientific Director General of the Public Health Agency of Canada’s National Microbiology Laboratory and Professor, Department of Medical Microbiology, Faculty of Medicine: “This symposium illustrates the leadership position the University of Manitoba and Public Health Agency of Canada have had in this field. It’s important,” he said, “There is a lot of receptivity to an international research consortium resulting in sharing of information. The timing is right.”

In addition to establishing a new, international consortium focusing on natural immunity to HIV, the Symposium also sought to develop a baseline of current knowledge on correlates of HIV protection; and to identify research gaps and partnership opportunities.

Dr. Gene Shearer, Senior Investigator, National Institute of Health and a keynote speaker, lauded the symposium goals. “It is significant to get everyone together and this symposium has brought to the forefront people who work in the field —some in isolation—from five of the six continents,” he said.

He is hopeful that the connections and collaborations will lead toward an understanding of the causes of natural immunity to HIV. In turn these findings can be used to discover what’s involved not only with HIV, but a lot of the information can also be carried over to the study of other biologic diseases. “If we can understand what’s protecting the ‘exposed unaffected’ from getting HIV, hopefully we can convert that knowledge into a model for a vaccine,” said Dr. Fowke, adding the University of Manitoba is one of the longest-running research groups and one of the largest cohorts studying the “exposed unaffected” phenomenon.

Frank Plummer, Canada Research Chair in Resistance and Susceptibility to Infections, vice-president (research) Diguir Jayas and other attendees at symposium.
In The News

Boom, Snap Freeze

U of M geologist Jim Teller has long studied Lake Agassiz and he was the first to publish that its overflow was periodically catastrophic and flooded the Atlantic Ocean, findings that continue to inspire and guide researchers around the world. And recently his work was in the news again as another Canadian scientists published a paper suggesting the cold spell called the Younger Dryas occurred within three months of such a catastrophic flood, must faster than the previously reckoned decade.

There is a Doctor in the House

Edmonton Journal, Vancouver Sun, Ottawa Citizen, The Daily News (Nanaimo), Times Colonist (Victoria), Alberni Valley Times, The Leader-Post (Regina)

November 13, 2009

The federal government has appointed John Knubley, the top bureaucrat at Agriculture Canada, to lead Ottawa’s overhaul of food safety after an investigation into last year’s deadly listeriosis outbreak. The U of M food scientist Rick Holley, a member of CFIA’s academic advisory panel on food safety, told the press this: “The perception, which The Bulletin does not hold, that neither wealth nor celebrity should buy you special access to life-saving care. Those who use their wealth or celebrity to jump the queue are thus attacking one of the most fundamental values of Canadian society and are legitimately reviled.”

Vaccination Night in Canada, FIGHT!

The Globe and Mail

November 5, 2009

The increase in student numbers is even more impressive given the tough economic times that have beset the university and the nation in recent months. In fact, the surge in student interest comes on the heels of a record-breaking year in funding attained by faculty researchers in 2008. According to recent financial reports, since 2007, research funding at the Faculty of Dentistry has more than doubled. As of March 31, 2009, funding for Faculty research topped $2,800,000, an increase of over 110% since the same period in 2007. The 2008 jump came on the heels of a 32% increase in research funding in 2007.

Tainted Listeriosis Inquiry

The University of Manitoba Bulletin

November 16, 2009

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HEADLINES:

- “So You Want to be an Architect: You’ll need design skills and artistic flair, plus the ability to deliver on budget,” Maclean’s, November 16, 2009, article discusses what schools can train students in architecture for.
- “Pursuing the Dream Of A Lifetime,” National Post, November 14, 2009, article profiles Canadian curler Nolan Thiessen who has a degree in commerce from the University of Manitoba and is an assurance manager for the global consulting firm Ernst & Young.

Grant Warren

Another banner year for student research at the Faculty of Dentistry. For the second consecutive year, students turned out in record numbers to be part of the Faculty’s booming research program. Now in 2009, a total of 35 students—nearly one-third of the entire student-body—had signed up for the Faculty of Dentistry Student Research Group (SRG). That’s a rise of roughly 10% from the year before, which was also an all-time high. The numbers were contained in the SRG’s annual report that was released this week. “We have come a long way since 2007, when I first volunteered for the position of the Faculty Advisor to the group,” said Dr. Tammy Bonstein, an assistant professor in Restorative Dentistry, now in her third year as the SRG advisor. “Our students not only want to excel in dental and biomedical research, but also want to work collaboratively as successful, dedicated and professional team members. Over and over again, our students confirm the tremendous value of these collaborative experiences.”

The University of Manitoba was the first in Canada to launch a SRG in 2007 and was also instrumental in the formation of a national group that is also functioning well today. Michael Green (Dent IV) has stepped in to replace recent graduate Alex Serbernikski as the local and national SRG president and the group is moving ahead with ambitious plans for recruitment and expansion of programming. The SRG, in tandem with the BSc (Dent), provides students with research opportunities that simply don’t exist at many other schools.

“Our BSc (Dent) program is unique in Canada in that it allows dental students to experience and develop their own research projects from the ground up and acquire a degree for their work,” said Dr. J., Elliot Scott (Associate Dean, Research). The increase in student numbers is even more impressive given the tough economic times that have beset the university and the nation in recent months. In fact, the surge in student interest comes on the heels of a record-breaking year in funding attained by faculty researchers in 2008. According to recent financial reports, since 2007, research funding at the Faculty of Dentistry has more than doubled. As of March 31, 2009, funding for Faculty research topped $2,800,000, an increase of over 110% since the same period in 2007. The 2008 jump came on the heels of a 32% increase in research funding in 2007.

The Bulletin welcomes submissions from students and more. Visit itsmyfuture.ca to read stories of real students and more. 

Student Research on a Roll
Upsurge continues as dental students discover research

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The Bulletin can be viewed online atumanitoba.ca/bulletin

Send events notices to: bulletin@umanitoba.ca

Advertising Policy

With the exception of advertisements from the University of Manitoba, ads carried in The Bulletin do not imply recommendation by the university for the product or service. The Bulletin will not knowingly publish any advertisement which is illegal, misleading or offensive to its readers. The Bulletin will also reject any advertisement which violates the university’s internal policies, equity/human rights or code of conduct.
The Bulletin publishes events involving the university community.
E-mail events to bulletin@umanitoba.ca or fax, 474 7631.
The deadline for the December 3 Bulletin is Nov. 25 at 4:30 p.m.

**Fort Garry Campus**

**THURSDAY, NOVEMBER 19**
Oh Fuddie Duddle: The Perils of Penning Pierre Trudeau's Biography by John Ralston, professor of History at the University of Waterloo. Special performance by Ron Paley to follow. Great Hall, University College 7:30pm, Thursday, November 19

**FRIDAY, NOVEMBER 20**
Elizabeth Dafoe Library Graduate Student Lecture. Gus Velasco, History, Iceland Board Room, 3rd floor, Elizabeth Dafoe Library 12:30pm, Friday, November 20

Fast Kate - African Film Series, by Ousmane Sembene, a pioneer African film director. The everyday heroism of African women. French with English original version, English subtitles, 160 Dafoe Theatre (by Dafoe Library), 3:30 - 6:00pm, Friday, November 20

**SATURDAY, NOVEMBER 21**
Got Fines? Give Food! For each non-perishable food contribution you make, the Libraries will reduce your fine by $2 (to a maximum of $20). Visit umanitoba.ca/libraries for details. November 23-29

**WEDNESDAY, NOVEMBER 25**
Mom Really Does Know Best: Uncovering Novel Bioactive Peptides in Human Breast Milk. Presentation by Dr. William Diehl-Jones, 370 Helen Glass Centre. 12:00pm, Wednesday, November 25

**WEDNESDAY, NOVEMBER 25**
Wen Chen, Department of Immunology and Internal Medicine, Manitoba Centre for Research in Immunology and Infection, 307 T. Thorlakson Gallery, Icelandic Reading Room, Icelandic Collection, Elizabeth Dafoe Library. Gallery hours: M-F, 8:30 am-4:30 pm, until November 26

**FRIDAY, NOVEMBER 27**
Department of Physics and Astronomy Colloquium, Quantum Dots Containing Holes with Rashba Spin-Orbit Coupling. Presentation by Dr. Reuven Mazor, University of Manitoba, 330 Allen Building. 3:30pm, Friday, November 27

**Saturday, November 28**
The Age and Legacy of Hetman Ivan Mazepa 300th Anniversary. 184 Alexander Avenue at Dssered 10am until 4pm, Saturday, Nov 28

**FRIDAY, DECEMBER 4**
Department of Physics and Astronomy Colloquium, Imaging Polarization Dynamics at GHz Frequencies via Non-Contact Parametric Electronic Excitation and Scanning Probe Microscopy. 330 Allen Building. 3:30pm. Friday, December 4

**MONDAY, DECEMBER 7**
Undergraduate Students as Research Team Members: Student and Team Benefits, by Dr. Marie Edwards, Lise May, Felicia Dyck, Corissa Dyck and Dr. Susan McCrement, 370 Helen Glass Centre. To participate via Telehealth please register your site by contacting the Manitoba Centre for Nursing and Health Research at 474-9908 or nursing_research@umanitoba.ca. 12 noon - 1pm, Monday, December 7

**Conflict Resolution in Canadian TV Dramas** Brown Bag Seminar Series, Dr. Jennifer L. Schulz, Faculty of Law, 255 St. Paul’s College, Mauro Centre Boardroom. 12:45-1:30pm, Friday, December 4

**OCTOBER 6-NOVEMBER 26**
Linearis by Liv Vímalstad, Dr. Paul H. T. Thorlakson Gallery, Icelandic Reading Room, Icelandic Collection, Elizabeth Dafoe Library. Gallery hours: M-F, 8:30 am-4:30 pm, until November 26

**OCTOBER 6-NOVEMBER 26**
NATIVE STUDIES COLLOQUIA SERIES, Writing a New Story: Colonialism, Governance and Culture. 307 T. 12:30-1:20 pm.

**NOVEMBER 26**
Leah Fontaine, MA student, Native Studies. “Spirit Mending: An Introduction into the Sacred Space of Art.”

**December 2**
Laara Fitznor, Education, “Drawing from Indigenous narratives to understand the impacts of colonialism.”

**November 27**
Erwin Huebner, biological sciences: “Microscopy: the science and the art.”

**FRIDAY, NOVEMBER 27**
Immunology Seminar featuring Dr. Afshin Raouf, Department of Immunology and Regenerative Medicine Program, Alec Sehon Suite, 4th floor, Apotex Centre, 12:00pm, Thursday, November 27

**Immunology Seminar** Cancer stem cells: a conceptual framework for cancer research, Dr. Afshin Raouf, Dept. of Immunology and Regenerative Medicine Program, Alec Sehon Suite, 4th Floor, Apotex Centre. 12 noon-1:15 p.m.

**FRIDAY, NOVEMBER 20**
The immune system of mice with neuron specific expression of a human nucleoside transporter: Changes in adenosine receptor signalling, Dr. Fiona Parkinson, Professor and Acting Head, Department of Pharmacology & Therapeutics, University of Manitoba. A229 Chown Bldg. 9:00am, Friday, November 20

**ARTS & ENTERTAINMENT**
**Black Hole Theatre**
Twenty-five years ago the Black Hole Theatre Company performed the world premiere of then-faculty member Carol Shields’s play. Departures and Arrivals, and this year it will open its season with it on November 17. Departures and Arrivals was Shields’s first produced play; it was written and staged in 1984 (see photo of cast) while she was a professor of English at the University of Manitoba. This year performances run from November 17-21, and November 24-28. Shows start at 8 p.m., except for on November 17 and 24 when the curtain goes up at 7 p.m. Tickets are $11; $9 for students and seniors. They can be purchased at the door or by calling the box office at 474-6880.

**SUNDAY, NOVEMBER 22**
U of M Singers & Canzona Concert: Our own University Singers join Winnipeg’s Canzona and MusicBarok Ensemble to perform Bach’s Christmas Oratorio, all under the direction of Henry Engebret. Tickets available from Canzona members, MCNally Robinson or the Faculty of Music. $23 adults/$20 seniors/10 students. Westminster United Church, 745 Westminster Ave. 7-9:00pm, Sunday, November 22

**NOVEMBER 28 AND NOVEMBER 29**
Cantata Singers join Camerata Nova, in Bright Day Star Camerata Nova will be joined by the new U of M Concert Choir, under the direction of Ed and Millie Hildebrand. Tickets available at the door or in advance from the Faculty of Music office. $12.00 for Adults, $5.00 for students. Westworth United Church, Grosvenor & Lanark, 7:30pm, Saturday, December 5

**SUNDAY, DECEMBER 5**
Sing - Choral Christmas Concert. This is a joint concert by the University of Manitoba Women’s Chorus, guest conducted by Millie Hildebrand, and the new U of M Concert Choir, under the direction of Ed and Millie Hildebrand. Tickets available at the door or in advance from the Faculty of Music office. $12.00 for Adults, $5.00 for students. Westworth United Church, Grosvenor & Lanark, 7:30pm, Saturday, December 5

**BANNATYNE CAMPUS**
**UNIVERSITY COLLEGE GIVING TREE**
Please donate new, unwrapped toys to Winnipeg’s under-privileged children to 203 University College by Thursday, December 10.
Resource Optimization: Team Member Profile

The University of Manitoba has undertaken two resource optimization projects entitled ROSE and OARs aimed at finding ways to improve reduce costs, eliminate duplication, share resources, leverage technology and apply best practices. In the coming months, the Bulletin will feature interviews with faculty and support staff involved with the projects.

What does Optimizing Academic Resources (OARs) mean to you?

I think that OARs provides us with the opportunity to do things better. That’s what it’s all about. We hope that it will identify strategies to improve and reduce barriers to the effective use of institutional resources, and become an integral part.

Why is the OARs project important and how does it support the University of Manitoba Strategic Planning Framework?

Our Strategic planning framework speaks to our ability to provide an outstanding student experience, being an outstanding employer and achieving academic enhancement. The OARs project will greatly facilitate the realization of these objectives by identifying strategies to improve and reduce barriers to the effective use of institutional academic resources.

As a member of the Academic Synergies and Efficiencies (ASE) Project Team; dean, faculty of pharmacy

David Collins, team member, Academic Synergies and Efficiencies Project Team; dean, faculty of pharmacy

Follow your nose to the new eateries in University Centre

CHRIS REID

The Bulletin

University Centre is getting a ‘fresh’ revamp to their food court. A notable change officially opened at the beginning of November 2009: the expansion of Tim Horton’s on the first floor of University Centre. Adding three tills to the new location (beside The Bookstore), customers receive their products at faster pace.

The old Tim Horton’s location on level one of University Centre is being turned in to a new seating area. In addition to the new Tim’s, Subway now has an official restaurant with seating in the first floor of University Centre.

These are two of a few changes that students, faculty and staff will notice within the coming months.

“The old Subway was just the beginning of some major changes to the way we serve,” said Pat Reid, University of Manitoba Director of Ancillary Services. “The new Subway and Tim’s are just the beginning of some major changes to the way we serve.”

So what’s the plan for the old location of Subway? General Manager of Food Services Daryl Lucyk said it will offer a fresh option for eating.

“We’re going to put a salad bar where the old Subway was,” said Lucyk. “We will offer a salad bar where you’ll be able to add a variety of vegetables and hot protein items to your meal.”

This December, Food Services will be introducing healthy dessert options, too. “It’s all about keeping a healthy menu for our clients,” said Lucyk. “By increasing the menu variety, adding healthy options including vegetarian meals, we’re keeping everybody satisfied.”

Not only is ‘fresh’ key for the accomplishments of the food court. Lucyk also notes the University of Manitoba is the first of its kind to go trayless, and offer recyclable-to-go containers.

Happy National Philanthropy Day!

November 15th is National Philanthropy Day – the day when donors and volunteers everywhere are recognized for the philanthropic work they do to make our communities better.

Our campus is a community – one that educates future generations of Canadians, one that helps us understand our world better, and one that brings benefits to the rest of the world.

The University of Manitoba is enriched every day by the support our faculty and staff show to our institution. Quite simply, we wouldn’t exist without you.

Thank you for all that you do to make our community better on a daily basis and a special thank you to everyone who contributes with a charitable gift.

Join your colleagues in supporting your university.

Visit umanitoba.ca/admin/dev_adv to find out where your donation can make a difference.
A lack of atmospheric oxygen helps explain why some of the world's largest mineral deposits came to rest where they did some 2.7 billion years ago, geological scientist Andrey Bekker and his colleagues report in the November 19th issue of the journal Science. The findings apply to iron-nickel sulfide deposits and show the sulfur in this equation that Bekker focused on. He arrived at University of Manitoba just two years ago from the Carnegie Institution of Washington. About 20 years ago scientists at the Carnegie Institution of Washington, D.C., began looking at sulfur isotopes, atoms of the element that have different masses. And when Bekker came on a postdoctoral fellowship from Harvard University to work there, he furthered his interest in how early Earth processes affected the content of oxygen in the ocean and atmosphere, and he applied sulfur isotopes to answer this question.

Sulfur isotopes come in four varieties called 32, 34, 33, and 36. The first two are the most abundant and it was well established that scientists would only measure the 34 to 32 ratio. Unsatisfied with this arrangement, Doug Rumble, a senior research scientist at the Geophysical Laboratory, Carnegie Institution of Washington and his associates developed ways to also analyze the 32 to 33 and 36 to 32 ratios.

"And at that point it had very little bearing on anything. It was just pure science," Bekker said. But it cleaned the window to the ancient past and allowed scientists, including Bekker, to find an anomaly in the sedimentary rock record. Sulfur isotopes appear in the sedimentary rock record in predictable ways until you go back to about 2.4 billion years ago. At this point, things change because the atmosphere had no oxygen and therefore there was no ozone to block ultraviolet radiation from this sun. So the sulfur coughed from volcanoes to drift high into the air where the harsh, unheeded rays of the sun "produced these crazy photography fractions that we don't really understand but can nevertheless read their signature locked in sedimentary rocks," Bekker said. These sulfur atoms eventually came to rest on the ocean floor where they incorporated into sedimentary rock. And like a parrot amongst crows, these anomalous sulfur atoms stand out.

Geological scientist Andrey Bekker was recently published in the journal Science. "As an aside, these isotopes help us understand when oxygen first appeared in the atmosphere and that's interesting from a scientific point of view," Bekker said, "but economics is not driven by scientific curiosity, it's driven by other factors. So can this anomalous signature help us understand how deposits are formed? Could mining companies use this to find new deposits?"

Some of the largest known iron-nickel sulfide deposits are associated with volcanic rocks rich in iron and magnesium, two elements forged in the Earth's mantle at very high temperatures before they arrive to the Earth's surface. But considering all we know about the mantle and how things move from it to the surface, the levels of sulfur needed to create these deposits is unaccounted for. So where is this sulfur coming from? It has been debated since the 60s when these deposits were first discovered in Western Australia.

Bekker's hypothesis held that if lava assimilated sulfur by flowing over sedimentary rocks on the ocean floor that were old enough to have these anomalous sulfur isotope ratios in them, the signature would be preserved and observable. And after collecting samples from Ontario and Australia with his colleagues, he found just that. So, combined with other data, this finding constrains the models used to predict where the ore can be found.

"It was great to discover this. It sort of makes you feel that suddenly you connect it to something real," Bekker said.

"You form this hypothesis and you're not sure – it's just a game of your mind. Maybe it has no meaning at all. But you go to real life, test it and it works. And you go to another area and test it again and it works again. And you start to think that there is something real in it. There is something that has a meaning. And it gives a meaning to doing science. You constantly test your ideas and in the end, potentially you develop something that has some proximity to reality. As a geologist you try to characterize how the Earth works and it's like driving through a cloud into a city. You drive and see nothing but in the mist you suddenly see some skyscrapers but you're not sure. Maybe it's an illusion. But then things become clear and you see buildings and houses and you see the city. And you say 'wow'. You didn't miss you. You came to the right place.
RARE EARTH: BOOKS FROM THE RARE BOOK ROOM

You may know that the Archives & Special Collections Rare Book Room has many old and unique books, dating back to the 15th century or earlier, but you might be surprised to know that we also hold newer "rare" or properly limited edition books such as two recently published volumes which are outstanding publications. The first is the Earth [Atlas] "Royal Blue" Edition, published in 2008, by Millennium House, is one of the largest and most impressive atlases ever created. Earth contains 355 maps and 800 photographic images, and four gatefolds each almost two metres wide. Our copy of Earth was purchased from funds obtained from the Faculty of Arts Trust Fund. As impressive is

Academic Job Opportunities

FACULTY OF MEDICINE
Department of Internal Medicine
Position: Electrophysiology
Start date: July 1, 2010
Position number: M6043
Application deadline: Feb. 28, 2010
For information: Chair, Cardiology Search Committee
Room 1301-5, St. Boniface General Hospital, 400 Tache Avenue, Winnipeg, Manitoba, R2H 2A6

FACULTY OF HUMAN ECOLOGY
Department of Family Social Sciences
Position: Head
Start date: January 1, 2010
Position number: AC462

Application deadline: Dec. 4, 2009
For information: Dr. Gustaaf Sevenhuysen, Dean, Faculty of Human Ecology, 209 Human Ecology Building

FACULTY OF MEDICINE
Department of Respiratory Therapy
Position: Head
Start date: January 1, 2010
Position number: KV586
Application deadline: December 7, 2009
For information: Dr. Emily Etchvey.
Chair, Occupational Therapy Search Committee, School of Medicine, Rehabilitation, R106-771 McDermot Avenue, Winnipeg, MB, R3E 0T6, Tel. 789-3416, etchev@cc.umanitoba.ca

Information Session: Scientific Research and Experimental Development (SR&ED) Tax Credit

Please join the University of Manitoba and The Province of Manitoba’s Ministry of Innovation, Energy and Mines at an information session on the Scientific Research and Experimental Development (SR&ED) Tax Credit.

Please note that potential Industrial partners will be present.

Friday, December 11, 2009
2:00 - 4:00 pm
Robert B. Schultz Lecture Theatre
St. John’s College
92 Dysart Road, University of Manitoba

Meet and Greet Reception to follow in the Theatre Concourse
4:00 - 5:00 pm

Please submit full contact information for any individuals you think should attend this event to: Lindsey Troschuk, Ltreschuk@cc.umanitoba.ca or phone (204-789-3433)

Dean, Faculty of Medicine

Established in 1877, as Western Canada’s first university, the University of Manitoba provides a world-class education to some of the best and brightest students in Canada and from around the globe. Located in the heart of the city of Winnipeg, the University of Manitoba is a uniquely comprehensive medical/doctoral institution with 24 faculties and Schools, offering over 90 degrees, diplomas and certificates to over 26,000 students – 22,500 undergraduates and 3,500 graduates. The University stimulates over $1.2 billion in economic activity in the province, and is a leader in Manitoba’s knowledge economy. The University’s operating budget is over $460 million; research funding is more than $138 million; and the 2008/09 campaign brought in over $44 million in support, the greatest achievement for the University in a single year. To learn more about this remarkable university, please visit: umanitoba.ca.

The University of Manitoba is now seeking applications, nominations, and expressions of interest for the position of Dean, Faculty of Medicine (position #BV451). Reporting directly to the Vice-President (Academic) and Provost, the Dean is the chief academic and administrative officer of the Faculty of Medicine and a member of the University’s senior management team.

The Faculty of Medicine comprises 26 academic departments, institutes and administrative units, including the School of Medical Rehabilitation, which includes Occupational Therapy, Physical Therapy, and Respiratory Therapy. The Faculty has approximately 515 full-time and 1025 part-time academic staff, approximately 350 research associates, a support staff of 400 and a student population of 1255, with 319 in the School of Medical Rehabilitation.

The new Dean will be a dynamic leader with a vision for the Faculty’s future who will work collegially with others to sustain the Faculty’s prominent role in the community and beyond: to shape its teaching and research, financial, and operational programs; and to bring leadership to the Faculty’s role within the context of an evolving healthcare system and academic environment.

The ideal candidate must be a person of academic distinction, accomplished in research, teaching, and clinical affairs, and possess strong leadership qualities, a positive demeanour and an optimistic and energetic style. The individual will be an MD with more than 7 years of research and experience with substantial success; a person of international stature, with a strong record of achievement in research and clinical affairs; and with a demonstrated ability to work collaboratively with others.

The new Dean will have a strong international profile, significant managerial experience, and noteworthy successes in working through consensus to achieve desired goals. Rewarding the new candidate will be the opportunity to bring in new ideas and initiatives, and to shape the future of the Faculty. The new Dean expected to take place July 1, 2010. Please respond in confidence to the address shown below.

The University of Manitoba encourages applications from qualified women and men, including members of visible minorities, Aboriginal peoples, and persons with disabilities. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. Application materials, including letters of reference, will be handled in accordance with the protection of privacy provisions of “The Freedom of Information and Protection of Privacy Act” (Manitoba). Please note that curriculum vitae may be provided to participating members of the search process.

Janet Wright & Associates Inc.
174 Bedford Road
Toronto, Ontario, M5R 2K9 Fax: (416) 923-8311
E-mail: uofmmedjw@jasearch.com

Dean, Faculty of Engineering

Established in 1877, as Western Canada’s first university, the University of Manitoba provides a world-class education to some of the best and brightest students in Canada and from around the globe. Located in the heart of the city of Winnipeg, the University of Manitoba is a uniquely comprehensive medical/doctoral institution with 24 faculties and Schools, offering over 90 degrees, diplomas and certificates to over 26,000 students – 22,500 undergraduates and 3,500 graduates. The University stimulates over $1.2 billion in economic activity in the province, and is a leader in Manitoba’s knowledge economy. The University’s operating budget is over $460 million; research funding is more than $138 million; and the 2008/09 campaign brought in over $44 million in support, the greatest achievement for the University in a single year. To learn more about this remarkable university, please visit: umanitoba.ca.

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The Faculty of Engineering, the first engineering school in Western Canada, comprises: Biosystems, Civil, Electrical & Computer, Mechanical & Manufacturing, and the Design Engineering Group. The Faculty’s undergraduate programs, accredited by Engineers Canada, enroll 1231 students. Co-op options allow students to enjoy work experience prior to graduation. There are 316 students currently pursuing graduate programs – more than 75 academic staff and 54 support staff work together to achieve the Faculty’s ambitious goals.

The ideal candidate for Dean will be a proven leader, scholar and educator, with a commitment to the advancement of professional education. The capacity to enhance the profile and reputation of the Faculty and demonstrated success in working through consensus to achieve desired goals. The individual will be an MD with more than 7 years of research and experience with substantial success; a person of international stature, with a strong record of achievement in research and clinical affairs; and with a demonstrated ability to work collaboratively with others.

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The ideal candidate must be a person of academic distinction, accomplished in research, teaching, and clinical affairs, and possess strong leadership qualities, a positive demeanour and an optimistic and energetic style. The individual will be an MD with more than 7 years of research and experience with substantial success; a person of international stature, with a strong record of achievement in research and clinical affairs; and with a demonstrated ability to work collaboratively with others.

The new Dean will have a strong international profile, significant managerial experience, and noteworthy successes in working through consensus to achieve desired goals. Rewarding the new candidate will be the opportunity to bring in new ideas and initiatives, and to shape the future of the Faculty. The new Dean expected to take place July 1, 2010. Please respond in confidence to the address shown below.

The University of Manitoba encourages applications from qualified women and men, including members of visible minorities, Aboriginal peoples, and persons with disabilities. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. Application materials, including letters of reference, will be handled in accordance with the protection of privacy provisions of “The Freedom of Information and Protection of Privacy Act” (Manitoba). Please note that curriculum vitae may be provided to participating members of the search process.

Janet Wright & Associates Inc.
174 Bedford Road
Toronto, Ontario, M5R 2K9 Fax: (416) 923-8311
E-mail: uofmengjw@jasearch.com
In Brief

Brydon joins AIG+C

No part of everyday life goes untouched by globalization. No one knows this better than Diana Brydon, Canada Research Chair in Globalization and Cultural Studies; professor of English, Faculty of Arts; and director of the Centre for Globalization and Cultural Studies at the University of Manitoba. Her expertise has been recognized with her recent appointment to the inaugural advisory council of Lakehead University’s new Advanced Institute for Globalization and Culture (AIG+C).

“I am delighted to join distinguished global colleagues on the founding advisory council. I look forward to future consultation on how work in this area might best be advanced through collaborative initiatives between our two universities and the others involved on the council. Plans are underway for me to visit Lakehead in Fall 2010 to advance our work together.”

Brydon is a world-renowned literary critic known for her comprehensive and novel contributions to postcolonial literary and cultural studies, as well as Canadian and Australian literary studies. As CRC, her research draws on humanities and social sciences methods and perspectives to examine globalization and what it means for Canadian culture.

AIG+C was founded “to provide a platform for advanced research on any subject of relevance to our transnational reality, including the roles that culture plays as inspiration, challenge, and economic stimulus.”

Upcoming

State of the Art: Pulmonary Medicine Research in Canada

Thursday, November 26, 2009
8:00 AM - 5:00 PM
Frederic Gaspard Theatre and Room 204 Brodie Centre
Bannatyne Campus
To register and view the full agenda, visit www.mich.ca

Information Session: Scientific Research and Experimental Development (SR&ED) Tax Credit

Friday, December 11, 2009
For more info e-mail troschuk@cc.umanitoba.ca

Poster competition showcases student research

BY JANINE HARASYCHUK

Undergraduate students representing seven faculties at the University of Manitoba showed their research wares at the Fourth Annual Student Poster Competition on Monday, November 9, 2009. This year’s competition marked a change and expansion to four categories—applied sciences, health sciences, natural sciences, and the newly added category of social sciences/humanities.

We are thrilled with the participation across campus,” said Janez Ristock, Associate Vice-President (Research). “We’re working on further expansion in the categories to include creative works next year, to make it truly representative of the breadth of research and scholarly work conducted at the University of Manitoba.”

“I think it’s great for the university to provide such a platform to showcase our work,” said Tiffany Cheung, Faculty of Dentistry. “Students put a lot of time and effort into research and we are proud of that.”

Budding forensic scientists or avid CSI fans would be interested in Cheung’s project that reviewed her Preliminary analysis of dental materials before and after incineration. Cheung took first prize in the applied sciences category for her research on “Identification of victims in fires often rely on forensic odontology.” Cheung added, “My research found that there is no significant change of the elemental content when dental materials are incinerated at a temperature that simulates cremation. In addition, I found that composite-resin, also known as tooth-coloured fillings, from five of the seven manufacturers in this project can be distinguished based on the elemental content. This project creates a known reference spectra for the brands analyzed and that can be used to match against samples from future forensic odontology cases.”

Other student research in the applied sciences category included a look at Manitoba’s Indigenous population and rheumatoid arthritis by Gabriela Montes-Alana, Faculty of Science, to a look at third generation biofuels using clostridium thermocellum (a bacteria) with local hemp feedstock by second place winner Warren Blunt, Faculty of Engineering.

“This year’s competition again successfully showcased the wide variety of research undertaken by undergraduate students at the University of Manitoba,” said Elliott Scott, Professor & Associate Dean (Research), Faculty of Dentistry, and judge in the applied sciences category. “From hypothetical mathematical modelings of whale shark feeding behaviours to studies of forensic dentistry, the scope of research was amazing.”

Research by Maneesh Sud, Faculty of Medicine, was awarded first prize in the health sciences category. His project focused on “Upregulation of the mTOR and proteasome pathways in evil acute pancreatic cancer.”

Elizabeth Skovopata, Faculty of Science, took first place in the natural sciences category for her research titled “Surface moment pining in iron-oxide-copper core-shell nanoparticles.” Fellow science student Alexandra Hrabowczyk was second place winner for her research on “Purification and characterization of tocopherol cyclohexane” and proteasome pathways in evil acute pancreatic cancer.”

In the newly added category of social sciences/humanities, Karen Delichte, Faculty of Arts, took first place for her project on “Gender differences in factors that prompt heavy gambling.”

The winners of the 2009 poster competition (left to right): Mylene Gamache, Karen Delichte, Elizabeth Skovopata, Maneesh Sud, Jarret Woodmass, Alexandra Hrabowczyk, Warren Blunt, Tiffany Cheung with Dzigir S. Jayas, Vice-President (Research), and Janice Ristock, Associate Vice-President (Research).
When the wall came down: remembering the fall of the Berlin Wall

SHAWN JORDAN
for The Bulletin

It is not memory itself which is essential but the reading, the interpretation of the facts of memory. The work of memory consists not at all of plunging into the past but of renewing the past through new experiences, new circumstances, new wonders or horrors of real life.

- Emmanuel Levinas

The fall of the Berlin Wall, which at one time seemed unimaginable, was received with a wide range of reactions including jubilation, disbelief, relief and trepidation. In honour of the twentieth anniversary of this monumental marking the end of the Cold War, the Department of German and Slavic Studies organized a series of events, beginning with eyewitness accounts and a photographic exhibit that took place on November 10, 2009.

Cheryl Dueck, Head of German and Slavic Studies, set the stage to the eyewitness accounts by giving an overview of the political history leading up to the fall of the Berlin Wall. “The recent German past, of the mid-twentieth century and beyond, is a particularly dense web of events. The process of trying to untangle the web and understand it is uniquely fraught because of the many strands of the past that need to be explored. Personal memories play a vital role in the process of reflection on this cultural transformation and offer insights into the past not offered by official or formal sources. Personal accounts go beyond the facts to reveal the individual and collective human impact and consequences of actions and events.”

In the discussion moderated by Alexandra Heberger of German and Slavic Studies, the four panellists, who all now reside in Manitoba, shared their first-hand remembrances from their unique perspectives and experiences in Germany on and around that time. In their accounts, the audience indeed heard eye-witness details and emotional realities that went far beyond the official reporting of historical facts.

Dr. Jörg Stetefeld, Department of Chemistry, was a biochemistry student at the university in Leipzig at the time. In spite of being warned not to take part in the first Monday Demonstrations, he said that the news spread quickly and it became clear to him that he must attend. After months of “Peace Prayers” in Leipzig’s Nikolaikirche, he recounted the experience of being one of the 70,000 people assembled on October 9 in a peaceful demonstration. The organizers had supplied candles to the participants to ensure that the demonstration remained peaceful. If you were carrying a candle, your hands were occupied and visible and not wielding a gun.

Ms. Manuela Nalichofsky, a teacher who lived outside of Berlin, applied to leave GDR in 1988 and was successful in June 1989. She relayed her experiences of living in Germany in the presence of the wall including that of being confronted by soldiers when she took a shortcut to visit her grandparents in the border area and later being banned from teaching as a disciplinary measure. She recalled the tensions and the inconveniences that were a part of living in the shadow of the seemingly permanent and insurmountable wall.

Dr. Ben Baader, Department of History, who was part of the West German Jewish community and a student at the Free University in 1989, offered a mainstream West German perspective as well as a German Jewish perspective. He recounted how the event provoked fear and uncertainty in the Jewish inhabitants as the barrier between the ideological differences between the East and the West came down. Ben subsequently left Germany in the face of reunification, economic realities and the end of the German Democratic Republic.

Mr. Bill Pura, who presently teaches painting at the School of Art and is a renowned musical composer, travelled to Berlin and in Eastern Europe in 1988 and after 1990. He found that at that time Berlin was becoming a magnet for people in the arts. The feeling in West Berlin was that of exhilaration, noting that there was a marked difference in the atmosphere east of the iron curtain. He took the train from Hanover East into the “Frontier” in the presence of soldiers, guard dogs, barbed wire and countless signs forbidding photography. Travelling to back to West Berlin entailed seven passport checks and he noticed surveillance men with binoculars observing people as they went about their business in the streets.

Providing a visual context to the evening and a compelling photographic essay were black and white photographs by Stefan Koppelkamm. The exhibit, titled: Ortszeit / Local Time: Berlin 1990 and After, sponsored by the Goethe Institute, the Consulate of the Federal Republic of Germany, the Department of German and Slavic Studies, and the Faculty of Arts, University of Manitoba.

Participants reflected on the 20th anniversary of the fall of the Berlin Wall amongst photographs by Stefan Koppelkamm on Berlin’s transformation, titled: Ortszeit / Local Time: Berlin 1990 and After. Photographs on display at the University Club until November 30.

From Left to Right: Ben Baader, Cheryl Dueck, Bill Pura, Manuela Nalichofsky, Jörg Stetefeld, Alexandra Heberger

University Club

Located on campus in Pembina Hall, The University Club is the perfect gathering place for social and business meetings with facilities for diners and receptions. We invite you to relax in our informal surroundings, sample our delicious food and treat yourself to the difference. We’d be happy to discuss booking your holiday events with us.

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