York honours president

University of Manitoba president and vice-chancellor Emőke Szathmáry received an honorary doctorate from York University during its winter convocation on Feb. 15.

“In awarding this honorary doctorate, we’re recognizing Dr. Szathmáry’s exemplary leadership in education and her commitment to values that York holds dear: enhancing diversity and accessibility, internationalization, and community service,” said York University president and vice-chancellor Mamdouh Shoukri.

Szathmáry’s research has focused on the genetics of the Aboriginal peoples of North America. She has investigated the causes of type-2 diabetes in Aboriginal North Americans, the genetic relationships within and between peoples of North America and Asia, and the microevolution of the peoples of the subarctic and arctic. Szathmáry is the author of over 80 scientific articles and reviews and has co-edited three books.

Szathmáry is a Fellow of the Arctic Institute of North America and a Fellow of the Royal Society of Canada and has been named a Fellow of the Council of Presidents and a director of the Council of Western Canadian University Presidents and a director of the boards of the St. Boniface General Hospital in Manitoba, J.W. Dafoe Foundation, Canadian Credit Management Foundation and The Association of Universities and Colleges of Canada.

A member of the Order of Canada, Szathmáry is also a Fellow of the Royal Society of Canada and has been named among the Top 100: Canada’s Most Powerful Women. In 2007, she received the Lieutenant Governor’s Medal for Excellence in Public Administration in Manitoba.

Emőke Szathmáry

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Emőke Szathmáry
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 members of the university community. Submissions can include letters to the editor, columns, news briefs and story and photo suggestions.

Material in The Bulletin may be reprinted or broadcast, excepting materials for which The Bulletin does not hold exclusive copyright.

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The University of Manitoba Bulletin
February 21, 2008

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 part of the university’s ongoing dialogue with the news media.

Testing girders
February 12, 2008
CBC, Portage Daily Graphic
Civil engineers at the University of Manitoba will be testing six salvaged girders from the 38-year-old Portage la Prairie overpass that was replaced in the fall of 2007. The laboratory test will study the bridge girders to see how much weight they can hold. Engineers will also try to force the old bridge’s girders to fail structurally, to learn how to improve bridges and overpasses.

The framing of the shrews
February 15, 2008
MSNBC, Innovations Report, Germany; The Cheers, Estonia; Science Centric, Bulgaria; TopNews, India; DailyIndia.com; HULIQ.com; LiveScience.com; ThaINdua.com

High-speed video has allowed a team of researchers, including University of Manitoba duo James Hare and Kevin Campbell, to study and learn about the extremely efficient hunting abilities of water shrews. Video created for the research has been getting attention across the globe.

York U honours president
February 14, 2008
Winnipeg Free Press

Emőke Szathmáry, president and vice-chancellor of the University of Manitoba, was awarded an honorary doctorate from York University on Feb. 15. In awarding the honorary degree, Mamdouh Shoukri, York University president and vice-chancellor, cited Szathmáry’s “exemplary leadership in education and her commitment to values that York holds dear: enhancing diversity and accessibility, internationalization, and community service.” See Front Page story.

Photography finalist
February 14, 2008
CBC

School of Art grad and internationally recognized photographer and artist Sarah Anne Johnsson is back in the news after being named a finalist for the inaugural Grange Prize in photography. The prize carries a $50,000 award. The winner is being selected on March 26 from 11 a.m. to 2 p.m. at the Art Gallery of Ontario.

Diana Brydon
Professor, Department of English
Canada Research Chair in Globalization and Cultural Studies

Collaboration, Interdisciplinarity and Renewing Community in Global Contexts

Dr. Brydon will outline the collaborative research in which she is currently engaged. Investigating the ways in which globalizing processes are changing how communities renegotiate their identifications and how knowledge is constructed and assessed.

Wednesday, February 27, 2008
12:00 noon
Private Dining Room
The University Club, Pembina Hall

Registration is required
To reserve your seat contact Kim Stefanik at 204-474-9020

Annual Conference on International Education
St. Boniface Hospital & Health Research Centre
February 11, 2008

Taps Fitzell's music
February 14, 2008
CBC

Eighth Blackbird is an ensemble-in-residence at the University of Richmond, Virginia and the University of Chicago, Illinois. Since their founding in 1996, the ensemble has commissioned new works from numerous eminent composers including Frederic Rzewski and Steve Reich. Strange Imaginary Animals is Eighth Blackbird’s fourth CD.

Eighth Blackbird taps Fitzell’s music
February 14, 2008
CBC

Eighth Blackbird continues to perform Fitzell’s music at major venues all over North America. Last month, the sextet performed Encores at Chicago’s Harris Theater in Millennium Park. Fitzell joined the Faculty of Music in 2005. He teaches music theory and composition, and leads the interdisciplinary Experimental Improv Ensemble (XIE).

Fitzell has received many national and international performances, commissions and awards, including first prize in the electroacoustic music category at the CBC Radio National Competition for Young Composers. His scholarly interests include correlations between philosophy and music, notably the application of phenomenological constructs to the study of music experience. Fitzell is also a guitarist, sound recorder and electronic improviser.

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Listen in

Lorrie Kirshenbaum was the guest speaker on CJOB’s Health Report (sponsored by the St. Boniface Hospital & Research Foundation) which aired Sunday, Feb. 3 from 11 a.m. to 12 p.m.

To listen to her interview and hear about her research focused on cardiac research currently going on at the St. Boniface Hospital Research Centre, visit CJOB’s website at www.cjob.ca/station/audioarchive and select Sun. Feb 3 11 a.m. for show time.

Kirshenbaum’s laboratory is focused on understanding the molecular pathways and genetic factors that underlie the mechanisms of cardiac growth control and heart cell death.

“There are certain genes that are highly regulated in the body that tell cells when to live and when to die, and we’re just beginning to understand why this takes place,” he explains. “We want to learn how these genes become turned on or turned off in disease processes.”

One University, Many Futures
umanitoba.ca
What’s happening in Afghanistan?

BY DALE BARBOUR

You never know what you’ll end up doing with a University of Manitoba masters degree in education.

For Diana Youdell, special advisor to the director general of the Afghanistan Task Force, Department of Foreign Affairs and International Trade, the answer has turned out to be educating people about the progress of development programs in Afghanistan.

On Jan. 30 Youdell made a welcome return to the Fort Garry campus to talk to a classroom full of U of M political studies students about Afghanistan and the challenge of getting the positive stories out.

“The military does a much better job about getting the word out,” Youdell said. “We have to develop the knowledge of how development works.”

Lesson number 1? “Development work is not a quick fix. It’s long term work,” Youdell said.

Canada has been in Afghanistan intermittently since 1968 and established itself in the country again after January, 2002, when the Taliban government was removed. It’s not alone either. Canada is part of what’s called the Afghan Compact, a coalition of countries working under the auspices of the United Nations. The current agreement is set to run from 2006 until 2011 with a series of benchmarks laid out for each step of the program.

Canada is currently in charge of the area in the southern portion of Afghanistan including Kandahar. While troops are working in a military base, the reconstruction team is housed in an old fruit factory.

The goal of the project is security, governance and development. When we think of security we have to think holistically,” Youdell said. In other words, even if Canada wins every battle it faces on the battlefield, it will still lose the war against the Taliban if people are living in abject poverty.

So the behind the scenes work ranges from training Afghanistan police officers, to clearing landmines to doing counter narcotics work.

The justice system can’t handle the level of legality within the Afghanistan narcotics industry, but Youdell said given that it takes four years in Canada to train a lawyer under ideal circumstances, we shouldn’t expect Afghanistan to have a fully functioning justice system just six years but rather it has gone through regime change.

“There is not a quick fix. We have to work systematically to allow their system to develop,” Youdell said.

And there are success stories, Youdell said. It’s just a question of knowing where to look.

“There’s an industrial park just outside of Kabul that looks completely modern,” Youdell said. And microcredit loans are putting money into the hands of individual citizens so that they can grow their own businesses.

The University of Manitoba will be moving forward to implement a new international student recruitment and training plan with Navitas, an international recruiter and educational services deliverer.

The agreement with Navitas will lead to the creation of the International Education Exchange (IEEQ). The IEEQ program has been running on a year-to-year basis since 2005 and helps engineers trained in other countries receive industry recognition in Canada. The diploma would give graduates of the program a formal university credential.

DIPLOMA IN ABORIGINAL ENVIRONMENTAL STEWARDSHIP

Senate approved on Feb. 6 and recommended to the Board of Governors, the proposal for the Diploma in Aboriginal Environmental Stewardship. All the courses within the program will include Aboriginal and Western worldviews on the environment.

U of M moves forward on Navitas agreement

BY DALE BARBOUR

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SENATE BRIEFS

The University Discipline Committee red-flagged a couple of areas in its annual report to Senate on Feb. 6. The report covered the period from Sept. 1, 2006 to Aug. 31, 2007. Committee vice-chair Dean Ruth noted that there were 98 students warned about copyright violations and 10 students had their computer accounts suspended.

The increase seems to be related to the recording industry apprising internet service providers of copyright violations, the report noted.

There has also been a marked increase in the category of “disorderly/threatening conduct” with the number of incidents jumping from 9 to 31. The trend has already led to a recommendation that stronger penalties for these incidents be considered.

The category of “unprofessional conduct” which has grown to 20 incidents from 12 last year will also require closer monitoring.

POSITIVE REVIEW AND NEW NAME

The Senate committee on university research has reviewed the University of Manitoba’s research and recommended that it continue to receive funding for another three-year term. The Institute will also be taking on a new name, The Manitoba Centre for Nursing and Health Research.

IEEQ DIPLOMA

The Council on Post-Secondary Education has given the University of Manitoba the go ahead to pursue creating a post-baccalaureate diploma for the Internationally Educated Engineers Qualification Program (IEEQ). The IEEQ program has been running on a year-to-year basis since 2005 and helps engineers trained in other countries receive industry recognition in Canada. The diploma would give graduates of the program a formal university credential.

It’s a new approach to recruiting and training. After the initial two years, the university will be establishing an academic advisory committee with the International Education Exchange (IEEQ) and Science dean Mark Whitmore with vice-president (academic) Robert Kerr will also be providing a framework document that will include a précis of the academic component of the agreement with ICM and will address questions raised before Senate. The document will be available to Senate and the university community before the March meeting of Senate.

Senate Mark Gabbert put forward a motion at the Feb. 6 meeting calling for the ICM agreement to be reviewed by Senate, through its regular committee channel.

Gabbert said the aim of his motion was not to reverse the Navitas deal, but rather to “heal the damage done to collegiate government.”

“If Senate does not assert its rights in this matter we will lose them,” Gabbert said. The motion inspired some healthy debate on both sides of the issue at Senate, but was defeated by a 41-34 vote.

Asper School of Business dean Glenn Feltham said the university has signed an agreement with Navitas and it would be inappropriate to take it back for review now.

“This motion would undermine university governance and I can’t support it.”

SUBJECT TO CLASSIFICATION
WE HAVE THE CAREERS, YOU HAVE THE OPPORTUNITIES.

The Canadian Forces offer you over 100 full- and part-time job opportunities in stimulating environments. Whether close to home or abroad, the Forces offer you:

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- Financial aid for your studies

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Marks of Achievement

Earned some recognition or an award? The Bulletin wants to celebrate with you. Please e-mail information about your Marks of Achievement to barboard@ms.umanitoba.ca. Feel free to include a picture of yourself. We’ll need a 200 dpi jpg image. If you would like to chat about the details or picture, please call 474 8111.

Woodgate a nurse to know

In her career as a nurse and University of Manitoba professor and researcher, Roberta Woodgate has been called many things. Among them, a pioneer, an academic, a “kids nurse,” a mentor to master’s and PhD students, and an expert on the health and illness experiences of children and youth. The Faculty of Nursing professor has won awards to honour her research work, has spoken at more than 80 conferences and scholarly presentations, and has an impressive record of peer-reviewed publications. But one thing Woodgate has never been called is a “nurse to know” – not by the Prime Minister of Canada, anyway. That was until recently.

Woodgate was identified by Prime Minister Stephen Harper and Health Minister Tony Clement as an extraordinary and diverse nurse leader, and as Manitoba’s nurse to know. She recently joined 15 others in Toronto from across Canada for a formal ceremony honouring them with the CNA Nurse to Know Centennial Achievement Award. The event also marked the official launch of the Centennial Marks of Achievement program.

“I like giving back,” he says. “Passing on skills and helping younger kids is important.”

Brendan’s academic interests broadened in University 1 when he became fascinated by Sociology studies, from which he discovered his career path.

“I opened my eyes to job options I didn’t think about before,” he says. “I liked the course and found out that it was still relevant to city planning, so that’s the direction I’ve chosen.”

His decision to be a city planner stems from his childhood love of video games like SimCity.

“‘I told you last week that the Giants would beat the Vikings’ in week 12 this year, the Giants in week 12… ‘I told you!’

Thanks to the It’s My Future campaign, students and alumni at the University of Manitoba are telling their stories to the world. Over the next few months, the Bulletin will be introducing the university’s online bloggers and giving you a glimpse of what is happening in their lives. To learn more, go to itsmyfuture.ca.

MEET BRENDAN SALAKOH

“I never even considered going anywhere else,” says Brendan Salakoh. “I love Winnipeg, this is where I wanted to stay.”

Outgoing and involved, Brendan is an active campus volunteer. Among other things, he trains team leaders for U1 orientation, coaches basketball and draws the comic strip for the University newspaper, The Manitoban.

He’s in the third year of his arts degree and is majoring in Advanced Global Political Economy. He plans to pursue masters in city planning after he graduates.

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“My dad always said, ‘just do something you enjoy and you’ll be happy,’” Brendan says. “And I love the idea of helping to shape a city. I want to help Winnipeg reach its potential.”

“I told you!”

February 4th, 2008

I told you last week that the Giants would beat the spread (all visions on my part!)… they not only beat the spread, but also won the Super Bowl! I’m glad that they won, I often cheer for the underdogs.

But, what makes me upset is that my team (the Minnesota Vikings) didn’t even get a chance to compete in this years playoffs. They missed out by one game!

Here’s the thing though: In week 12 this year, the Vikings BEAT the Giants 41-17! My logic is as follows: Giants beat the Patriots to win Super Bowl XLII tonight.

Vikings beat the Giants in week 12 by 24 points. Therefore, the Vikings have won the Super Bowl.

Case closed…

Reading week is upon us. That’s great! I love having a week off in the middle of second semester to relax under the hot sun and… Wait a minute – I’m not going to Mexico (or anywhere hot for that matter!) I don’t get how people do it, going on 6 night all-inclusives! Don’t they have tests and papers due the week back like I do? Apparently the 5-hour flight is ample time to do a week’s worth of reading!

Before I go, a couple of things I am looking forward to this week: Raptors winning all their games (likely), Super Tuesday primaries (tune in folks!), recruiting student leaders for University One Orientation (10-1pm Tuesday at U), maybe winning one of the games I’m coaching (no comment), getting my passport (for a trip to Nigeria with my dad in May), getting a new phone (maybe a Krazr?), and attending a social on Friday (good!).

Get to Know Research AT YOUR UNIVERSITY

SPEAKER SERIES

Dr. Andrew J. Halayko

Associate Professor, Departments of Physiology and Internal Medicine

Canada Research Chair in Airway Cell and Molecular Biology

Breathing Easier: Finding Better Ways to Treat Asthma

The incidence of asthma in Canada is growing to epidemic proportions. Ten percent of Canadian children and five percent of adults now live with it despite a significant increase in the use of anti-asthma medications in the last two decades.

Current research is uncovering possible new ways to halt and reverse the disease. Dr. Halayko will describe his work on airway smooth muscle and how his work on structures called caveolae is providing new insights into understanding how asthma progresses. He will also suggest new ways to treat this potentially life-threatening disease.

Thursday, February 28, 2008 at 7:00 pm

Smartpark Lobby Boardroom

University of Manitoba

135 Innovation Drive

Free admission and parking, everyone welcome!

Refreshments will be served.

For more information call 474-8920.

The Robert and Elizabeth Knight Distinguished Visiting Lecturer

ONE UNIVERSITY. MANY FUTURES. umanitoba.ca

The University of Manitoba

Why Can’t Time Run Backwards?

SIR ANTHONY J. LEGGETT

Nobel Laureate (2003)

World Renowned Physicist and Theorist

on Low Temperature Physics and Superfluidity

Dr. Leggett is widely recognized for his research on the foundations of quantum mechanics and condensed matter physics, in particular, the possibilities related to special condensed matter systems to explore extrapolation of quantum formulas at a macroscopic level.

He received a Nobel Prize in 2003 for his work with superfluidity and was knighted by Queen Elizabeth II as Knight Commander, Order of the British Empire (KBE) in 2004 for his “service to physics”. He is currently the John D. and Catherine T. MacArthur Chair, and Center for Advanced Study Professor of Physics, University of Illinois. He is also Mike and Ophelia Lazaridis Distinguished Research Chair at the University of Waterloo.

Thursday, February 28, 2008

8 p.m.

224 Education Building, Fort Garry Campus

All are welcome. Free admission.

For more information, please call 474-8369.

ONE UNIVERSITY. MANY FUTURES. umanitoba.ca
Night shift at Helen Glass Hospital

BY NICOLE HARDER
For The Bulletin

The Patient Care Labs at the Faculty of Nursing hosted their third annual Nightmare/Nightcare event on Friday, Feb. 1, in the “Helen Glass Hospital for Sick Students.”

This overnight event was a huge success that included 26 volunteer nursing students — with 20 taking on the role of “patient” and 8 students acting as the nurses who came in for a night shift. Each “patient” had a problem that required them to be in the hospital and the nurses had to care for a patient load.

The purpose of the experience was to allow the “patients” to have a better appreciation of what their real patients may experience, as well as allow the “nurses” a bit of a glimpse of what a night shift might be like as a nurse.

The visiting hours were well attended and saw friends, family and nursing faculty come in to visit. Lab staff at the Helen Glass Centre helped prepare for the event and readied the “patients” for the evening. Faculty of Nursing instructor Marlee Enns was the principle organizer for the event.

University’s toy drive a success

This year the University of Manitoba collected more toys than ever for families in need. The U of M had great response from individuals, departments and faculties who had put together their own collections or had a gift exchange of toys that were later donated to the Santa’s Toy Drive. The final count came to a little over 300 toys (including funds donated) that were collected from the university and sent to the Salvation Army.

It was a chance to find out what life on the night shift is like when the Faculty of Nursing held its Nightmare/Nightcare event on Feb. 1. A group of students played the role of patients for the night while others made their rounds as nurses.

Medicine grows

Starting in September 2008, the University of Manitoba will add 10 more seats to the Faculty of Medicine. A $3-million investment from the province will help bring the total number of students entering the faculty to 110.

The announcement was made on Feb. 5 by Health Minister Theresa Oswald and Advanced Education and Literacy Minister Diane McIgford.

“This announcement reflects our strong commitment to the health-care needs of Manitobans. With these additional 10 seats, we are continuing to add to the growing number of physicians practising in Manitoba,” said Oswald.

“Investing in front-line health-care professionals is part of our continuing commitment to improving the quality and access to our health-care system for all Manitobans.”

The Manitoba government will have expanded the U of M’s school of medicine seats by 57 per cent with the addition of these 10 new seats. Since 1999, the province has increased the total number of seats by 40.

“The University of Manitoba faculty of medicine is proud to partner with the Province of Manitoba to enhance medical training and education in this province,” said Dean Sandham, dean of the Faculty of Medicine. “Additional spaces in the faculty address the challenges of today’s health-care system and will positively impact patient care in Manitoba.”

The ministers also introduced the new Medical Education Curriculum Management System, an electronic, web-based information system on which both students and faculty can utilize real-time access to the curriculum including lectures, notes and reference material online from anywhere in Manitoba. The system also includes management of schedules, locations, teachers’ schedules, access to the U of M library and individual spaces for students to utilize. This is part of a larger strategy to expand the U of M’s expertise in health informatics.

“Innovative approaches to teaching and learning are an important part of the current educational environment. Students at the U of M need to be able to take advantage of new technology and teaching tools whenever possible,” said McIgford. “This system will make it easier for students to study and have access to the information they need.”

“I want to thank the Province of Manitoba for its very generous support for these two important initiatives in the faculty of medicine,” said president Emőke Szathmáry. “The support of the province to increase the number of seats for medical students by 40 over a nine-year period reflects its commitment to serve the health-care needs of Manitobans.”
There’s a hunger for new research

Butler looks at new innovations in cell technology across the Americas

**Books by University Staff**

*BY DALE BARBOUR*

The Bulletin

Microbiology professor Mike Butler hit the road to put his latest two books together, *Cell Culture and Upstream Processing*, an edited collection of work with over 18 contributors was published last year and *Animal Cell Technology: From Biopharmaceuticals to Gene Therapy*, which Butler co-edited and wrote with a Latin American team of researchers, is due to hit the book stands in the next few weeks.

“There’s a real demand in the field for the latest research,” Butler said. In the case of *Cell Culture and Upstream Processing* the book publisher came to Butler and asked him to put together the latest techniques in working with cell cultures. Butler said he yes, but he told the publisher the best way to get the latest information would be to hit the conference circuit to see what the most recent research in the field had to offer.

The ESACT conference draws almost 1,000 researchers and the others all have attendance in the hundreds,” Butler said. In some cases he could tap the research of familiar colleagues in the field. In other cases, Butler says a presentation would catch his interest and he’d meet the researcher afterwards to see if they were willing to have their work published in *Cell Culture and Upstream Processing*.

More so than most academic efforts, the biotechnology field has direct applications to business. The sort of cell culture technology that Butler is looking at can be used to speed or improve the production of biopharmaceutical medicines. So at the conferences at can be used to speed or improve the production of biopharmaceutical medicines. So at the conferences working with cell cultures.

For Butler, trying to tap the latest research for his book, that sort of juxtaposition of sources adds some challenge to the effort.

“A number of the authors are from private industry and traditionally it’s tough to get industry people to put their research down on paper,” Butler said. “It’s a highly competitive industry and they’re reluctant to give out their information.”

But a surprising number of researchers did and Butler has contributions from some leading biotechnology companies such as Genentech, Amgen, Invitrogen, Medarex and Cambridge Antibody Technologies.

Butler’s second book, *Animal Cell Technology: From Biopharmaceuticals to Gene Therapy*, was originally intended for the Latin America/Spanish/Portuguese market. He was asked to help guide the project and convinced the publisher that what the Latin American researchers were saying was as relevant to North Americans as it was to Spanish and Portuguese speakers. As a result, the book will be coming out in English, as well as the two originally planned languages.

The book was produced in Brazil and Butler credits the University of Manitoba research & international offices as well as the Brazilian research council (CNPq) with help for funding his time in Brazil. This gave Butler a chance to get a Latin American take on the field.

“The science is the same but there are differences with respect to regulatory aspects and the generic pharmaceutical industry,” Butler said. The cut off date for when generic drugs can be produced in Latin America varies from North American standards, a noteworthy contrast in a book that focuses on biopharmaceutical production.

Butler said he’s always had an interest in Latin America and working in Rio de Janeiro for a six week stint during the winter – apart from the obvious pleasures of dodging a Manitoba winter – builds bridges and helps him when he’s back in Canada conducting his own research.

“It gives me a better perspective on the research and it enables me to better identify the hot areas of the whole field,” Butler said. That has practical applications because it can help guide him when he’s looking at the direction of his own research and applying for research grants.

**Microbiology professor Mike Butler taps research from around the world for his two new books, *Cell Culture and Upstream Processing* and *Animal Cell Technology: From Biopharmaceuticals to Gene Therapy*.**

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**Centre for Professional and Applied Ethics presents**

**Post-War Justice in Iraq and Afghanistan: Revenge or Rehabilitation**

A discussion of competing approaches to post-war justice

**PROFESSOR BRIAN OREND**

**UNIVERSITY OF WATERLOO**

**AUTHOR OF: THE MORALITY OF WAR**

Brian Orend is the Director of International Studies, and a professor of philosophy, at the University of Waterloo in Canada. He is the author of four books and dozens of articles, both scholarly and popular.

Friday, 7th March, 12:30-1:30.

Private Dining Room, University College.

Everyone welcome.

One university. Many futures.
Bison Sports

**WOMEN’S VOLLEYBALL**
Feb. 22-23 – Canada West Championship.

**MEN’S HOCKEY**
Feb. 22-23 – Canada West Final.

**TICKETS**
Available at all Bison Ticket Offices.

**EVENTS**
Feb. 21-23 – Montreal.
Mar. 6-8 – Saskatoon.

**INFORMATION**
For details call 474 8111

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**Women’s Basketball**
Feb. 23 – Canada West Playoffs.

**Track and Field**
Feb. 22-23 – Canada West Championships.

**Swimming**
Feb. 21-23 – Canada Championship.

**Tickets**
Available at all Bison ticket offices.

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**Events Listing**

**There is art in dentistry**

It is some of the most unique imagery imaginable from the most unlikely of sources.

On Monday, Feb. 25, the Faculty of Dentistry will present Artistic Images In Dental Research, a display of vibrant and colourful images derived from dental research, at the Bannatyne campus.

This unique exhibition begins at 5 p.m. in the Basic Medical Sciences building and is presented in conjunction with the faculty’s first Research Day that runs throughout the day on Feb. 25.

“When you look closely, very closely at things like dental tissue, cell cultures, it’s surprising how beautiful the micro-world of dentistry can be,” said Tammy Bonstein, driving force behind the free exhibit that will include a wine and cheese reception and live entertainment.

“It’s going to be a bit interactive as well, so we’re hoping that dentists, our students and all of our professional colleagues might drop by to see these wonderful images.”

Research Day and the art exhibit are all part of the Faculty of Dentistry’s 50th year Anniversary Celebration and 2008 Drive for Top Five.

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**Inventory Blowout Sale**
University of Manitoba Bookstore
February 19 - March 1

**Thursday, February 21**
Architecture, Hungry for Thought Lecture Never Speak With Your Mouth Full by Natalija Suboticin, Associate Professor of Architecture, Centre Space, Russell Building.

**Friday, February 22**
Elizabeth Dafoe Library Graduate Student Lecture Series, Manipulating the Parotid Consensus: Victory Loan Speculation in Winnipeg, 1941-1945 by Jody Perrun, history, Iceland Board.

**Monday, February 25**
Institute for the Humanities, Histories of the Body research cluster: Works in Progress, A Radical Diaspora in Global Histories, by Diana Brydon, professor.

**Tuesday, February 26**
Central and East European Studies Lecture Series, Stereotypes and Myths: Representations of Russians in Polish Central and East European Studies, by Penny Edwards, Southeast Asian Studies, University of California-Berkely.

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**Fort Garry Campus**

**Computer Science MSc Thesis Defence**
A Prototype Presentation Engineer for MCF by Vijaysaradhi Peddyhetty, EZ-461 Engineering and Information Technology Centre, 2:30 p.m., Thursday, Feb. 28.

**Advanced Plant Science, Pyrenophora tritici-repentis: evolution of virulence and genetic diversity by Reem Aboukouchaddour, Ph.D. student, plant science, Carolyn Sifton Lecture Theatre Agriculture Building, 3:30 p.m., Thursday, Feb. 28.

**Get to Know Research at Your University Speaker Series, Breathe Easy: Finding Better Ways to Treat Asthma by Andrew Halayko, associate professor, departments of physiology and international medicine, Canada Research Chair in Airway Cell and Molecular Biology, Sparkmart Boeing Boardroom, 135 Innovation Drive, Smartpark, 7 p.m., Thursday, Feb. 28.

**Architecture: Jeffrey Cook Memorial Lecture, Ecological Functionalism, Performance and Beauty in Animal Architecture by Juhani Pallasmaa, professor emeritus of architecture, principal Juhani Pallasmaa Architects, Helsinki, Centre Space Russell Building, 7 p.m., Thursday, Feb. 28.

**The Robert and Elizabeth Knight Distinguished Visiting Lecturer, Why Can’t Time Run Backwards? by Sir Anthony Leggett, Nobel Laureate, 2003, John D. and Catherine T. MacArthur Chair and Center for Advanced Study Professor of Physics, University of Illinois at Urbana-Champaign, USA, Mike and Ophelia Lazaridis Distinguished Research Chair, Institute of Quantum Computing, University of Waterloo, 224 Education Building, 8 p.m., Thursday, Feb. 28.

**Events continue on Page 10**
Bannatyne Campus
ST. BONIFACE GENERAL HOSPITAL AND RESEARCH CENTRE

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

INVENTORY BLOWOUT SALE
University of Manitoba Bookstore
February 19 - March 1

THURSDAY, FEBRUARY 21
Immunology Annual Graduate Student Research Presentations, Phosphoinositide 3 kinase (PI-3K) regulates T cell memory responses to a parasitic infection by Dong Liu, Immunology Library Room 604/605 Basic Medical Sciences Building, 12 p.m., Thursday, Feb. 21

Medical Microbiology PhD Oral Examination, Exploring CD4+ cell function in HIV-1 infection and resistance by Paul McLaren, department of medical microbiology, Theatre B, Basic Medical Sciences Building, 9:30 a.m., Thursday, Feb. 21

MONDAY, FEBRUARY 25
Infectious Diseases & Medical Microbiology, The Role of CD4+ Polymorphism in HIV Infection and Disease Progression by Julias Oyugi, PhD candidate, 540 Basic Medical Sciences Building 9 a.m., Monday, Feb. 25

Medical Microbiology Graduate Student Research Seminar Series, The Role of Gnotic Trappin-2 and RANTES in Mediating ResistanceTo HIV-1 Infection by Diana Mlinar and The Role of Genital Tract Trappin-2 and Disease Progression by Julius Oyugi, PhD candidate, 540 Basic Medical Sciences Building, 10 a.m., Monday, Feb. 25

Tuesday, February 26

IMMUNOLOGY ANNUAL GRADUATE STUDENT RESEARCH PRESENTATIONS
Fetal, February 21, 2008
Theatre A Basic Medical Sciences Building, 8 a.m., Tuesday, Feb. 26.

Kasper, Section of Infectious Disease, in 2008? What’s Manitoba’s Plan? by Ken

Internal Medicine Grand Rounds, TUESDAY, FEBRUARY 26
Building, 10:15 a.m., Monday, Feb. 25.

Jennifer Juno, 540 Basic Medical Sciences

and Asthma Research Research National Training Program in Allergy Seminar, 6:30 p.m., Thursday, Feb. 28.

THURSDAY, FEBRUARY 28
Centre on Aging Research Forum 2008, Knowledge Translation: What is it really? by Ian Graham, PhD, vice-president, Knowledge Translation, Canadian Institutes of Health Research. Theatre A Basic Medical Sciences Building, 12 a.m., Monday, March 3. A light lunch will follow. Please register 474-8754 by Wednesday, Feb. 27.

THURSDAY, MARCH 3
Centre on Aging Research Forum 2008, Knowledge Translation: What is it really? by Ian Graham, PhD, vice-president, Knowledge Translation, Canadian Institutes of Health Research. Theatre A Basic Medical Sciences Building, 12 p.m., Monday, March 3. A light lunch will follow. Please register 474-8754 by Wednesday, Feb. 27.

THURSDAY, MARCH 6
National Training Program in Allergy and Asthma Research Research Seminar, Visiting Professor Program, Innate immunity mediated by TLR5 as a novel anti-inflammatory target for cystic fibrosis lung disease by Stuart Turvey, Division of Infectious and Immunological Diseases, BC Children’s Hospital, Child & Family Research Institute, 1 p.m., Thursday, March 6. Please see our web site for Room location up-dates: umanitoba.ca/outreach/allergy_research.training/

THURSDAY, FEBRUARY 28
Immunology Annual Graduate Student Research Presentations, Bam32 deficiency causes premature germinal center dissolution by Tingting Zhang and Does Diminex enhance autocrine modulate immune response to Trypanosoma congolense? by Helen Mulene, Immunology Library Room 604/605 Basic Medical Sciences Building, 12 p.m., Thursday, Feb. 28.

Pediatric Research Rounds, Fetal Alcohol Spectrum Disorders and Possible Interventions: cerebellar and cortical plasticity in an animal model of binge-drinking by Anna Klintosova, 500 John Buhler Research Centre, 12 p.m., Thursday, Feb. 28.

MONDAY, MARCH 3
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Arts & Entertainment

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.

RICHARD CONDIE, A RETROSPECTIVE
February 7 to March 7
Organized by Gallery One One One and the University of Manitoba Archives and Special Collections, this exhibition will comprise a retrospective of Richard Condie, an Academy Award nominated animation animator. The CD-ROM and web site for this exhibition will include essays by film historian Gene Walz and University of Manitoba archivist Shelley Sweeney. This exhibition will be supported with a reception sponsored by the National Film Board of Canada. Gallery One One One will produce a web site and CD-ROM for this exhibition.

The Black Hole Theatre
The Black Hole Theatre is located in the lower level of University College. For tickets call 474-6880.

Escape From Happiness
by George F. Walker
March 4 to 8 and 11 to 15
7 p.m. on Tuesdays and 8 p.m. on Wednesday to Saturday
Can a run-of-the-mill family survive an all out assault from both theivid authorities and the criminal fringe? Escape From Happiness is one of George F. Walker’s East End Plays. Walker, master of dark comedy, poet of profanity and of everyday speech, is one of Canada’s most produced and successful playwrights. The eccentric Quinn family, mother, three daughters, car thief son-in-law, ex-cop father whom two daughters are not speaking, do battle amongst themselves and against the local crooks and a corrupt police force. As Walker says, “these woman warrior are all working to survive in a threatening environment, struggling to make it in the world. There are no big political issues, just an attempt to hang in there.” Walker’s play is You Can’t Take It With You for the 90s “The atmosphere is grittier than that of the 1930s classic, there’s alcoholism, drugs, pornography, and raunchy language, but Escape From Happiness is essentially a screwball comedy.” — Amy Barrett, Now Magazine. Escape From Happiness is The Black Hole Theatre Company’s final production of the year and is being directed by Theatre Chair (and Walker fanatics) Chris Johnson. Tickets: $11 Adults, $9 Students and seniors. Tickets can be purchased at the door.

Architecture
Main Floor, Architecture II Building. Gallery hours are Monday to Friday, 8:30 a.m. to 4:30 p.m.

Chew Your Food Before You Swallow
By Natalija Subotinic
February 28 - March 28
Arch 2 Gallery
There will be a lecture in association with the exhibit at 12 p.m., Wednesday, Feb. 27, Centre Space, Russell Building. The official opening of the exhibit will take place 8:30 p.m., Thursday, Feb. 28 at ARCH 2 Gallery, Architecture 2 Building. ARCH 2 Gallery is grateful for the support of the Faculty of Architecture Endowment Fund. For more information contact: Kristina Nordstrom, 474-6995 or Neil Minuk, 294-0585.

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.

Music events
• Music at Mid-Day - Geung Lee, Chris Enns, Byung Yoon, Beckie Edler, 12:30 p.m., Feb. 25.
• 3rd Year Joint Percussion Recital - Jamie Pham & Byron Wood, 8 p.m., Feb. 25.
• Faculty Recital - Oleg Pokhanovski and Edmund Dawe, 8 p.m., Feb. 26.
• Music at Mid-Day - Stephanie Gogal, Luke Nickel, Alonzo Hassfield, Diane Kim, 12:30 p.m., Feb. 27.
• Mondragon Bookstore & Coffee House - 9 Albert Street, 8 p.m., Feb. 28.
• Music at Mid-Day - Debra Shand & Rachel Hinton, Jonquill Koddo & Beckie Edler, 12:30 p.m., Feb. 29.
• Music at Mid-Day/Faculty Recital - Mel Braun, Robert MacLaren, and Laura Loewen, 12:30 p.m., Mar. 3.
• Music at Mid-Day - Tamara Kroeker & Aaron Loepkey; Vanessa Nowostwski, Michelle Funk & Deena Grier, 12:30 p.m., Mar. 5.
• 3rd Year Piano Recital - Diane Kim, 8 p.m., Mar. 5.
• 3rd Year Jazz Voice Recital - Karly Epp - Franco Manitoban Cultural Centre, 8 p.m., Mar. 5.
• 4th Year Jazz Bass Recital - Karl Kubot - Franco Manitoban Cultural Centre, 9 p.m., Mar. 5.
• Music at Mid-Day - XIE, Carolina Nage-Schick & Carol Pollard, 12:30 p.m., Mar. 10.
• 3rd Year Flute Recital - Cassandra Lapsley, 8 p.m., Mar. 10.

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Advertise in the Bulletin
For details call 474 8111
Events Listing

**THURSDAY, MARCH 6**

**Law Distinguished Visitor Lecture.** The Shameful and Discriminatory Doctrine of Corroboration: Lessons from Sexual Assault Trials in Early 20th Century Winnipeg, Manitoba and Perith by Constance Blackhouse, Moot Court Room, Robson Hall, 12 p.m., Thursday, March 6.


**Be Your Own Boss!** Join us at Smartpark to learn how the eureka project, Smartpark's Incubator, can help you. Be Your Own Boss. Open to all undergrad and grad students, faculty researchers and staff, 7 to 8 p.m., Wednesday, March 5, in the Lobby Boardroom of Smartpark Research & Technology Park at the University of Manitoba, 155 Innovation Drive. Register at www.smartpark.ca.

**FRIDAY, MARCH 7**

**The Centre for Professional and Applied Ethics, Post-War Justice in Iraq and Afghanistan: Revenge or Rehabilitation? A discussion of competing approaches to post-war justice by Professor Brian Orend, director of International Studies, a professor of philosophy, at the University of Waterloo, Private Dining Room, University College, 12:30 to 5:30 p.m., Friday, March 7.

**Psychology** Reducing the academic risks of over-optimism: The longitudinal effects of attributional retraining on cognition and achievement by Tara Hayes, 2007 Vineberg Prize recipient, department of psychology, P412 Duff Roblin Building, 3 p.m., Friday, March 7.

**Institute for the Humanities:** Representations of War across the disciplines, a public roundtable with Robert Calder (English, Saskatchewan), Helena Gosciol (Slavic studies, Pittsburgh), Alexander Hinton (anthropology, UBC), Brian Orend (philosophy, Waterloo), Brad Prager (German, Missouri-Columbia); Andrea Rossi (classics, Amherst), 409 Tier Building, 5 p.m., Friday, March 7.

**SUNDAY, MARCH 9**

**Classics, Milestones, Maps, Itineraries, Sundials:** Roman Travel Tips and Their Value by Richard Talbot, University of North Carolina, 257 University College, 3 p.m., Sunday, March 9.

**MONDAY, MARCH 10**

**Nursing Research Seminar Series, Use of Simulation in Teaching and Learning in Health Sciences:** A Systematic Review by Nicole Harder, Learning Labs Coordinator, Faculty of Nursing, 370 Helen Gill Centre, 12 p.m., Monday, March 10.

Arthur V. Mauro Centre for Peace and Justice, Models for Sustainable Development, the Environment and Peacebuilding by Jean-Guy Vaillancourt, Department of Sociology, University of Montreal, Fr. Jensen Theatre, Room 100, St. Paul’s College, 7 p.m., Monday, March 10.

**Religion and parental authority: May parents indoctrinate their children?**

**PROFESSOR STEVEN LECCE**

Professor Lecce is a specialist in contemporary political theory. His book Against Perfectionism: defending liberal neutrality has just been published by the University of Toronto Press.

**Wednesday, 5th March, 2008, 12:30 to 1:30 p.m.**

Private Dining Room, University College.

Everyone welcome.

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**ACADEMIC JOB OPPORTUNITIES**

A full listing of employment opportunities at the University of Manitoba can be found at umanitoba.ca.

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

**FACULTY OF ARCHITECTURE**

Department of Landscape Architecture

Position: Assistant professor

Start date: July 1

Salary: Competitive with qualifications and experience

Application deadline: April 7

Position number: 06915

For information: Professor Ted Mochon, chair of department of landscape architecture search committee, Faculty of Architecture, University of Manitoba, Winnipeg, MB, R3T 2N2, fax 474-7532, email tmochon@cc.umanitoba.ca

**CLASSIFIED ADS**

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

Breathing speaker

February 21, 2008

Bringing Research To Life

Keeping seniors mobile and road savvy

BY SEAN MOORE

Research Promotion

Rubber bands, a black box, and a DVD can help older adults remain mobile.

Michelle Porter, Kinesiology and Recreational Management, researches mobility among seniors, paying particular attention to their driving habits, behaviors, and reaction times.

“This is a society, keeping baby boomers safely behind the wheel will be a major challenge, but it has to be done, especially since they are the majority,” Porter said.

To keep aging motorists safe, Porter’s lab studies three areas of intervention: education, technology and exercise training.

In terms of education, programs like 55 Alive rehash the rules of the road for participants. In tracking 54 people’s progress, however, Porter found it did little to correct bad behaviors, which was measured by how many demerits the driver got on road tests.

So Porter put a video camera in the car to record the passenger’s-eye-view of the road, and a GPS system to track speeds. The data was put onto DVD.

The driver watched the video with an adjudicator who pointed out all the errors made.

Drivers who got this treatment saw a significant decrease in their demerits on a subsequent test, suggesting re-education programs should require in-car work.

Interestingly, Porter has found that drivers over 70 often receive fewer demerits than drivers aged 30-50. But there’s a critical difference in the way the mistakes are made.

Younger drivers consciously make errors – they choose to speed or refuse to signal. Whereas the errors older drivers make are more likely related to their slower cognitive processing of information.

One 80-something man in Porter’s study drove through three stop signs unknowingly. In addition, the GPS system reported him as consistently below the speed limit. But then he had his education session – watching the DVD of his drive – and during the subsequent test he drove over the speed limit but stopped at every sign, often quite early.

Where is this technology can help.

“Clearly these drugs are not asthma. He will discuss his work at Your University Biology working in the departments of physiology and internal medicine.

Halayko’s research focuses on new therapies that can prevent or reverse asthma. He will discuss his work at the next Get to Know Research at Your University speaker series (details below).

Asthma currently affects 12 per cent of children and 6 per cent of adults in Canada; percentages that have roughly doubled in the past 20 years despite dramatic increase in the prescription of anti-asthma drugs.

Halayko’s studies airway smooth muscle, which is different from skeletal or cardiac muscle in that, besides contracting, it plays an immunomodulator and pro-fibrotic role: it can synthesize pro-inflammatory molecules and over collagen.

“My research embraces the idea that the smooth muscle cells are multi-functional,” Halayko said. “This muscle can do many things. We don’t limit our studies to just looking at its ability to contract, but look at how it remodels the airway wall.”

Airway smooth muscle sheaths bronchioles and when it goes into spasm the passages delivering air to the alveoli narrow, making it difficult to breath. Evidence suggests that smooth muscle in asthmatics is a better contractile machine than in non-asthmatics. This may be true, but Halayko reckons the cause of this (and its over-eagerness to produce collagen and pro-inflammatory molecules) stems as much from the environment the muscle finds itself in as the genes it is designed from.

In examining the cellular environment, novel research has come from Halayko’s lab pertaining to G-protein-coupled receptors (GPCRs) - proteins found on the surface of smooth muscle cells that bind the bio molecules that drive smooth muscle to contract, relax, proliferate and release pro-inflammatory molecules.

GPCRs have long been known to do a lot of things. But they look to be in cahoots with receptor tyrosine kinases (RTKs), cell surface receptors for many growth factors, cytokines and hormones.

Both of these receptors are found in caveolae, spinoon shaped structures that are abundant in smooth muscle - they are where the intracellular machinery that tells the cell what to do when receptors bind biomolecules are localized. Simply speaking, think of caveolae as a meeting room.

“Two people standing on opposite sides of a long hallway can converse. But they will better interact and express themselves when they are nearer the other, like in a small room. So it is with GPCRs and RTKs, when they are present in the caveolae at the same time, they amplify each others signals resulting in, say, more collagen production.

Halayko is studying ways to take away or disrupt this meeting room, thereby reducing the deleterious things the plasma environment induces them to do.

If you want to learn more on this and how a popular anti-cholesterol drug may be key to developing new asthma therapies, attend “Breathing Easier: Finding Better Ways to Treat Asthma” at the next Get to Know Research at Your University speaker series on Feb. 28. It starts at 7 p.m. in the Smartpark boardroom, located at 135 Innovation Drive. Admission is free and all are welcome. For more information please call 474-9020.

Andrew Halayko studies airway smooth muscle cells in the hopes of developing new treatments for asthma.

BY SEAN MOORE

Research Promotion

There’s something wrong with the drugs.

Over the last 20 years, asthma rates in Canada and other Western countries have approached near-epidemic proportions. And the amount of drugs prescribed to asthmatics has risen in Canada and other Western countries.

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On the Drive for Top Five
Iacopino sees U of M among the elite dental schools in North America

Meet The Dean

By Dale Barbour
The Barbour Information

Faculty of Dentistry dean Anthony Iacopino knows exactly where he wants to be in five years.

"We want to be one of the top five dental schools in North America by the strength and talent of its dental school. Now he's wants to make sure the rest of North America knows what the U of M has."

"We want to be one of the top five dental schools in North America in five years. When you ask where the hottest places in the field are, we want the University of Manitoba to be in the first five names they can rattle off."

Facility of Dentistry dean Anthony Iacopino was drawn to the University of Manitoba by the strength and talent of its dental school. Now he's wants to make sure the rest of North America knows what the U of M has.

"People here are pretty humble and they don’t believe in blowing their own horn," Iacopino said. "But the problem with that is that other people aren’t aware of the accomplishments here and they can’t take credit for those accomplishments. I’ve seen schools in the States taking credit for innovations that were developed here."

Iacopino said his role as dean will be to maximize the talent that’s already here and supplement that with new talent.

"I take a hands on approach to being a dean with respect to being a people person and making sure there are open communications but I don’t micromanage. I try to give people the resources they’ll need to achieve success and reach their full potential," Iacopino said. "And I believe in taking risks and doing new things. I like to challenge the existing status quo and see if we can come up with something better."

Previous to joining the University of Manitoba, Iacopino was the associate dean for research graduate studies and professor in the department of restorative dental sciences at Marquette University School of Dentistry, Wisconsin, where he was interested in the scholarow and he’s hooked.

"I was intrigued by the work and lifestyle of dentistry. But while most people assume dentistry means going through school and then popping up a shingle, I knew there were more options. From the beginning, I knew I was interested in the scholarow and Iacopino said.

"I wanted a career that included clinical work, research and teaching," Iacopino said.

"My goal is to visit every office in the province over time (there’s over 300 of them in all) to get to know the issues from the practitioners and to tell them about the faculty and what we’re doing. So far the people have been unbelievably welcoming and some of them have become our strongest supporters," Iacopino said.

Similarly, the faculty has taken its former alumni relations/continuing education position and split it between two full-time people, which means the alumni can focus on friendraising among alumni, while the continuing education person can focus on lining up training programs that meet alumni needs.

"And we’ve expanded our mentorship program," Iacopino said. Previously, students waited until the third year in their program before being partnered with community dentists. Now that happens in year one with the mentor taking part in the faculty’s white coat ceremony at the beginning of the year.

"The mentors will follow them through their training which will culminate with graduation. By that time, they’ll have a four-year relationship with someone in the field which will hopefully lead to better relationships with organized dentistry and the practicing community."

The Drive for Top Five is really just kicking off, over the coming months Iacopino said they’ll be seeking external resources to put in place the tools needed for the faculty to excel.

"I’m the sort of person who needs to be the change I want to see," said. "And I believe in taking risks and not micromanage. I try to give people the resources they’ll need to achieve success and reach their full potential," Iacopino said. 

"I've been going to Mexico for 20 years and most of the time I've been fishing with down there have been from Canada," Iacopino said. Now, of course, he'll be able to trade stories with them about what the fishing is like in Mexico and back home in Canada.

"It's a question of public opinion and perception. When you ask someone about the state of the profession and where the hottest places in the field are, we want the University of Manitoba to be in the first five names they can rattle off."

"That means we’re going to be at the top of the game in education, innovative programming, niche research, student recruitment and community support."

Reaching that elite level will have a huge impact on what the faculty and its students and staff members can do.

"When you reach that level you get respect. Students interested in dentistry will know that this is a place that they can come to get the best possible education and we can be a centre of intellectual thought for the dental community."

It’s not just about the Faculty of Dentistry. Reaching the top five can have spin off benefits for the larger university and has a huge impact on what the faculty and its graduates, who hinged on maintaining a close relationship with its graduates, who are, we want the University of Manitoba to be a better place."

"The Barbour Information

"We want to be one of the top five dental schools in North America in five years. When you ask where the hottest places in the field are, we want the University of Manitoba to be in the first five names they can rattle off."

Anthony Iacopino, Faculty of Dentistry dean