

PRESIDENT'S REPORT: March 17, 2015

GENERAL

On March 9th, the University of Manitoba launched the annual Faculty, Staff, and Retirees Campaign. In addition to raising funds for the University's strategic priorities, the goal of the campaign is to promote the culture of philanthropy within our internal community. Dr. Emily Etcheverry (Dean, College of Rehabilitation Sciences), Ms. Christine Cyr (Director, Aboriginal Student Centre), and Dr. Daniel Sitar (Professor Emeritus, Internal Medicine/Pharmacology) have agreed to co-chair the campaign. This campaign will be promoted by faculty and staff ambassadors and through the web and social media channels until March 31st.

This year's Three Minute Thesis (3MT) competition came to its conclusion on February 25. Twelve impressive finalists, competing in the finals, each had three minutes and could use a single slide to explain the nature, goals and significance of his or her research. Rebecca Dielschneider, a doctoral student in Immunology, was awarded first place and the People's Choice award for her work on *Lysosomes as Targets in Leukemia*. Second place was awarded to Diego Rodriguez Herrera, a Master's student in Physics and Astronomy, for his work on *Using Radio Waves for Breast Cancer Detection*. Rebecca Dielschneider will now represent the University of Manitoba at the western regional 3MT competition, which will take place in May.

The new Advanced Satellite Integration Facility (ASIF) at the Winnipeg site of Magellan Aerospace, which was funded by an investment of \$2.4 million from Western Economic Diversification Canada, was unveiled in early March. This partnership between the University, Magellan and the federal government will support research, development, construction and testing of satellite systems and components. A \$1.5 million investment from Magellan contributed to the construction of the facility, research and development and the establishment of an Industrial Research Chair within the Faculty of Engineering.

The University of Manitoba community continues to take part in discussions related to the University's financial situation, the preparation of the 2015/16 budget and ways to ensure the ongoing sustainability of the institution. Presentations followed by Q&A sessions have occurred at Senate, with Deans, Associate Deans, Department heads and administrative unit leaders and at a President's Town Hall, the Budget Advisory Committee has had its first meeting, and a budget information website has been created that is updated as information becomes available.

http://www.umanitoba.ca/admin/budget_2015-16/message.html

As had been signaled in the initial response to the Canadian Association of University Teachers (CAUT) Report of the *Ad Hoc Investigatory Committee Into the Faculty of Architecture at the University of Manitoba* on February 10, 2015, a more detailed response was released on March 5, 2015. It is online at <http://news.umanitoba.ca/president-barnards-message-on-caut-report-on-faculty-of-architecture/>.

ACADEMIC MATTERS

- Christopher Johnson, english, film & theatre, was honored by The Manitoba Writers' Guild and the Manitoba Association of Playwrights who named their new playwriting award the "Chris Johnson Award" in recognition of his contribution to Winnipeg theatre over the past three decades.
- Richard Hechter, education, and Mark Guy, an associate professor of education at the University of North Dakota, were presented with an award from the National Technology Leadership Initiative (NTLI) for their project in which elementary school science teacher candidates are asked to create short movies about scientific concepts to be shown to students. The award will be presented at the Society for Information Technology and Teacher Education conference in March, 2015.
- Oliver Botar, art, work's *Sensing the Future: Moholy-Nagy, die Medien und die Künste/Sensing the Future: Moholy-Nagy, Media and the Arts* was on display at the Bauhaus-Archiv, Museum für Gestaltung in Berlin from October 8th 2014 until February 2nd, 2015. In conjunction with the Berlin showing of the exhibition he held a public lecture entitled "Sensing the Future: László Moholy-Nagy, Media and the Arts" at the Embassy of Canada in Berlin on December 5, 2014.
- Christine Cyr, Aboriginal student centre, was selected to attend the prestigious Governor General's Canadian Leadership Conference in May 2015.
- Kristine Blair, animal science graduate student, was named as one of two recipients of The Environmental Stewardship Award (TESA) for 2014 at the Manitoba Beef Producers annual meeting. The award recognizes producers who go above and beyond standard industry conservation practices and set positive examples for other cattle producers and the general public. Provincial recipients of the award move forward as nominees for national recognition from the Canadian Cattlemen's Association.
- Braden Calvert, agriculture diploma student, skipped his Manitoba team to the gold medal at the Canadian Juniors men's championship on February 1. The team now advances to the 2015 World Junior Championships beginning February 28 in Tallinn, Estonia.
- Asper School participated in the 2015 MBA Games competition hosted by DeGroote Business School of McMaster University. MBA Games competition hosts teams from MBA programs across Canada and it is a challenge of academics, athletics, and spirit. This is only the second time Asper MBAs have participated in the MBA Games. As a result, Amanda Macdonald, Henry Tse, and Geeta Chopra placed 2nd out of 20 in the Finance case competition at the MBA Games.
- Graham Halford and Quinn Kirkpatrick, business students, placed third place in the Ethics event of the prestigious [Intercollegiate Business Competition](#) (ICBC) -- Canada's longest-running case competition. To qualify for a coveted spot in the final round, Halford and Kirkpatrick competed this fall against 29 other Canadian and international universities. Only teams whose submission ranked in the top five were invited to compete in the finals. This is the first time Asper has placed in the Ethics category.

- Kieran Cairney, Aaron Wojnowski, Lorenzo Gentile and Garrett Suss, computer science students, competed in *Battlecode 2015*; the largest AI programming competition in the world. The event was held at the Massachusetts Institute of Technology and they were the only Canadian team to participate in this prestigious computer programming competition.
- January marked Career Month at the University of Manitoba featuring over 16 events with Career Fair as the main event and hosting over 100 employers and 2,500 students.
- The University held its annual President's Scholars event on January 21, 2015. A President's Scholar is a student who entered the University of Manitoba with a 95% average or higher and they remain a President's Scholar if they maintain a 4.0 GPA in subsequent years. The event welcomes new President's Scholars and recognized 15 students who reached their fourth year in the program.
- Asper School was named Jeux du Commerce (JDC) West School of the Year. This is the largest undergraduate business student competition in Western Canada, showcasing academics, athletics, debate, community involvement, and an out-of-the-box social competition. This marks the highest JDC West finish ever in the School's history.

In addition, Asper's 'Team Toba' also brought home honours in the following categories:

- First Place: Social, Marketing
 - Second Place: MIS, International Business, Taxation
 - Third Place: Athletics, Entrepreneurship, Debate, Business Strategy
- The Faculty of Health Sciences held its inaugural symposium, "Forging Our Future", bringing together more than 150 faculty members, support staff, researchers and learners to strength their new integrated health sciences community. Honorable Sharon Blady, Minister of Health brought greetings and the keynote speaker, was UBC's Dr. Louise Nasmith, Associate-Provost, Health, who presented their story on why and how its health disciplines are coming together. The day also included four entertaining "pitches" exploring exciting opportunities to propel the new faculty forward.

RESEARCH MATTERS

- On January 19, the Honourable Michelle Rempel, Minister for Western Economic Diversification Canada announced \$2.4 million in funding to Drs. Jörg Stetefeld and Gregg Tomy (Chemistry) to establish the Centre for Oil and Gas Research and Development (COGRaD). The facility will be an internationally-accredited analytical centre in environmental monitoring and remediation services. WD's investment will be used to purchase highly specialized equipment which will allow COGRaD to collaborate with private industry on research and development, test samples from the environment, and develop tools and techniques to assist oil and gas companies to meet existing environmental monitoring and remediation challenges.

- On January 20, 2015 the Government of Canada announced \$1,025,839 in funding to four University of Manitoba research projects from the Canada Foundation for Innovation (CFI) John E. Evans Leaders Fund (JELF). The project investigators are: Dr. Robert Duncan (Plant Science, \$155,777) to develop high oil and meal protein content canola/rapeseed cultivars, Drs. Behzad Kori, Derek Oliver and Sherif Sherif (Electrical and Computer Engineering, \$179,293) for the development of new and improved techniques for both online and offline condition monitoring of high voltage power systems, Drs. David Lobb and Philip Owen (Soil Science and University of Northern B.C., \$310,361) to expand and enhance an innovative research and development program in soil erosion and sedimentation, and Drs. Mark Tachie and Shawn Clark (Mechanical Engineering and Civil Engineering, \$380,408) for a time-resolved tomographic particle image velocimetry (TRTPIV) and water tunnel for turbulence and ice engineering research.
- The Canadian Institutes of Health Research (CIHR) and Public Health Agency of Canada (PHAC) recently awarded Dr. Jonathan McGavock (Pediatrics & Child Health/Children’s Hospital Research Institute of Manitoba) an Applied Public Health Chair in Resilience and Childhood Obesity (\$925,000). The Chair will focus on promotion of healthier lifestyles to combat obesity and type 2 diabetes in First Nations youth. Guided by an Indigenous-based framework called the Circle of Courage, the model relies on older students to deliver after-school programs designed to promote resilience, rather than specifically focusing on diet and exercise.
- The ninth annual Science, Engineering and Technology (SET) Day was held on campus on February 20, 2015, hosted and organized by the Office of the Vice-President (Research and International). More than 175 grade 11 and 12 high school students and their teachers participated in faculty-hosted hands on activities: Hearts and Rec (Science), Pizza 101 (Human Ecology/Agricultural and Food Sciences), Intro to Intelligent Robots (Science), Build-A-Bridge (Engineering), and Greenhouse Gases from Agriculture at Glenlea Research Station (Agricultural and Food Sciences). WISE Kid-Netics provided a newspaper chair building challenge. The participants listened to three SET Talks given by Dr. Pourang Irani (Computer Science), graduate student Amy Scott (Anthropology/Graduate Studies), and Dr. Debbie Kelly (Psychology). Students and teachers were very engaged throughout the day both in the activities, talks and via social media. There were 84 Instagram posts and more than 300 tweets using #SETDay2015.
- Fifteen international partnership agreements were recently signed. They are:

Country	Partner Institution	Agreement Type	Initiating Faculty
Colombia	Escuela de Ingenieria de Antioquia	Memorandum of Understanding	Extended Education
Denmark	Aarhus University	Student Exchange Renewal	Environment, Earth & Resources
France	Blais Pascal University	Student Exchange	Arts
Germany	Technische Universitat Munchen	Student Exchange Renewal	Architecture
Germany	University of Greifswald	Student Exchange Renewal	Arts

Germany	University of Trier	Student Exchange Renewal	Arts
Germany	Universitat Duisberg-Essen	Memorandum of Understanding	Science-Computer Science
Hungary	University of Szeged	Student Exchange Renewal	Arts
Japan	Nagasaki Junshin Catholic University	Memorandum of Understanding	Extended Education
Japan	Toyko Metropolitan University	Memorandum of Understanding	Extended Education
Japan	Toyko Metropolitan University	Program Service Provider	Extended Education
Kenya	Partners for Health and Development	Research & Development	PHDA-Univ. of Manitoba
Nigeria	West African Centre for Public Health and Development	Memorandum of Understanding	Medicine
Pakistan	CGPH Pakistan (Private) Ltd.	Memorandum of Understanding	Medicine
South Korea	Korea University	Student Exchange Renewal	Arts

- The University of Manitoba hosted six visiting delegations from November 2014 thru January 2015. They were as follows:

Country	Name of Institution	Date at UM	UM Host
Canada	ELAP Mission	November 17, 2014	International Office
China	Nanjing University of Finance & Economics	November 26, 2014	Agriculture, Engineering
China	Feng Chia University	January 29, 2015	Extended Education
Mexico	Ministry of Economy of Mexico	December 11, 2014	Sr. Administration, I. H. Asper School of Business
New Zealand	Massey University	January 27, 2015	Arts

Russia	North Caucuses University	November 28, 2014	Social Work
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- Eighty-seven projects received \$6,979,826 in funding from various sources. Those projects over \$25,000 are as follows:

PI	Sponsor	Title	Awarded
Azad, Meghan (Pediatrics and Child Health)	Children's Hospital Foundation of Manitoba Inc.	Determinants and outcomes of breast milk composition: A sub-study of the Canadian Healthy Infant Longitudinal Development (CHILD) study	\$40,000
Barclay-Goddard, Ruth (Physical Therapy)	Research Manitoba	Getting older adults out-of-doors (GO-OUT): A randomized controlled trial of a community-based outdoor walking program	\$65,000
Bartlett, Judith (Community Health Sciences)	Simon Fraser University	International Network in Indigenous Health Knowledge and Development (INIHKD) Conference 2014	\$25,000
Becker, Allan (Pediatrics and Child Health)	Andison (D.Elaine) Foundation Inc.	Diagnosing wheezing syndromes in children using mHealth technology	\$25,000
Bolton, James (Psychology)	CIHR	A longitudinal study of risk factors, correlates, course and treatment outcomes of adults who engage in non-suicidal self-injury	\$105,000
Burgener, Adam (Medical Microbiology)	CIHR	Mucosal predictors of HIV acquisition	\$990,288
Chernomas, Wanda (Faculty of Nursing)	CIHR	Nursing students' experiences with Arts-based learning: A constructivist grounded theory study	\$105,000
Cook, Catherine (Community Health Sciences)	Dalhousie University	CIHR Network Environments for Aboriginal Health Research - Manitoba NEAHR Program	\$1,070,000
Currie, Robert (Entomology)	Saskatchewan Agriculture Development Fund	Honey bee health: Management of varroa mites and viruses	\$120,000

Fernyhough, Paul (Pharmacology and Therapeutics)	University of California, San Diego	Cholinergic constraint and diabetic neuropathy	\$144,897
Filizadeh, Shaahin (Electrical and Computer Engineering)	Manitoba Hydro	Alternative HVDC design	\$48,875
Ho, Juliet (Internal Medicine)	Centre Hospitalier de L'Universite de Montreal (CHUM)	The Canadian National Transplant Research Program (CNTRP): Favouring engraftment and preventing rejection/graft-vs-host disease through targeted disruption of danger and death signals: From cells to patients	\$50,000
Ivanco, Tammy (Psychology)	Power Corporation of Canada	Stress and resiliency in military populations	\$155,302
Jordan, Larry (Physiology & Pathophysiology)	Research Manitoba	Restoring locomotion in paraplegic rats by selective activation of grafted serotonergic neurons	\$45,500
Kauppinen, Tiina (Pharmacology and Therapeutics)	Research Manitoba	Microglial modulation, a potential therapeutic approach in neurological diseases	\$100,000
Klassen, Terry (Pediatrics and Child Health)	CIHR	Applied chair resilience and childhood obesity	\$500,000
Lix, Lisa (Community Health Sciences)	Research Manitoba	Statistical methods for patient-reported outcome measures	\$65,000
Mansouri, Behzad (Internal Medicine)	University Medical Group	Visual functional connectivity in amblyopia before and after binocular and/or TMS treatment	\$26,000
McGavock, Jonathan (Pediatrics and Child Health)	CIHR	Applied chair in resilience and childhood obesity	\$425,000
Miller, Donald (Pharmacology and Therapeutics)	CIHR	Phospholipids receptors as targets for enhancing drug permeability to the brain	\$94,376
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Mookherjee, Neeloffer (Internal Medicine)	Canadian Respiratory Research Network (CRRN)	Regulation of airway inflammation and remodeling by innate defense regulator peptides	\$50,000
Nickel, Nathan (Manitoba Centre for Health Policy (MCHP))	Research Manitoba	Manitoba infant feeding database - a capture recapture proof of concept study	\$161,448
Roberts, Daniel (Internal Medicine)	CIHR	Bleeding, transfusion, and the use of anticoagulants in patients with critical illness: Generating evidence to inform practice change and improve outcomes	\$300,000
Russell, Kelly (Pediatrics and Child Health)	Research Manitoba	Understanding youths' attitudes and practices with regard to high- risk behaviors while skiing and snowboarding	\$60,000
Russell, Kelly (Pediatrics and Child Health)	CIHR	Understanding youths' attitudes and practices with regard to high- risk behaviors while skiing and snowboarding	\$60,000
Shay, Barbara (Physical Therapy)	CancerCare Manitoba	The role of nerve entrapment in chemotherapy-induced peripheral neuropathy and the potential role for physical therapy: Could a dual nerve disorder be responsible for severity of symptoms?	\$49,800
Singh, Harminder (Internal Medicine)	Research Manitoba	Optimizing colonoscopy procedures and reducing unnecessary and over use	\$200,000
Tangri, Navdeep (Internal Medicine)	Research Manitoba	Knowledge translation interventions to prevent the early initiation of dialysis: A cluster randomized trial	\$215,350
Tenuta, Mario (Soil Science)	BASF Canada	A matter of timing and source: Enhanced efficiency nitrogen fertilizers and products to reduce nitrous oxide emissions in the Prairie Provinces	\$45,000
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Thiyam-Hollander, Usha (Human Nutritional Sciences)	Hemp Oil Canada	Biocatalytic reduction of Chlorophyll pigments in hemp seed oil and its synergistic effects	\$74,000
Unger, Bertram (Medical Education)	Health Sciences Centre Foundation	Mixed-reality simulation for temporal bone surgical training	\$70,000
Walker, John (Clinical Health Psychology)	IWK Health Centre	Developing a web-based program to assist parents in helping the anxious child: A public health approach to prevention and early intervention	\$30,000

ADMINISTRATIVE MATTERS

- On January 28, 2015, the Province of Manitoba’s Round Table for Sustainability Development awarded the University of Manitoba the Manitoba Excellence in Sustainability Award in the category of Action of Climate Change, Air Quality and Energy Efficiency. This award recognizes the University’s 25-year record of achievement on energy demand reduction and energy efficient design (including green buildings). Since 1990/91 the University of Manitoba’s Fort Garry campus has reduced its natural gas consumption by over 39% per square foot and electricity consumption by over 35% per square foot despite significant expansion. This reduction in non-renewable energy also dramatically reduced greenhouse gas emissions per square foot.
- The University launched a renewed university-wide IT Governance model and website on January 20, 2015. IT governance provides strategic leadership for the investments in information technology, establishes campus-wide IT priorities and policies in accordance with the University Strategic Plan, and is accountable to the University. The University IT Advisory Committee (UITAC) is the new Executive-level committee engaging senior-level leaders from across the University; replacing the former PACITi. The UITAC is supported by five committees structured into “portfolios” that represent the University’s faculty, student, research and administrative business needs and supported by a cross-campus information technology body.

EXTERNAL MATTERS

- For the period of April 1, 2014 to February 26, 2015, the University has raised \$35,018,212.02 for the 2014/2015 fiscal year. As of this date, we have raised \$15.9 million more in our current fiscal year, as compared to last fiscal year.

- Significant gifts and activities in the last reporting period include:
 - The Riddell Faculty of Environment, Earth and Resources received a donation of \$258,000 from Keith Caldwell in support of Named TA'ships in the Department of Geological Science which is the first of its kind for the department and faculty.
 - Wawanesa Insurance has made a gift of \$250,000 directed to the Active Living Centre.
- Vice-President (External) John Kearsey met with newly appointed Minister of Education and Advanced Learning, Peter Bjornson, to present the University of Manitoba's case for support video and discuss our comprehensive fundraising campaign Front and Centre.
- President and Vice-Chancellor, David Barnard, John Kearsey, and Campaign Chair, Paul Soubry, met with Premier Selinger to discuss the University of Manitoba's comprehensive fundraising campaign Front and Centre and to show the case for support video.
- The Minister for Western Economic Diversification, Michelle Rempel, was at the University of Manitoba to announce WED funding for the Centre for Oil and Gas Research and Development to two researchers in the Department of Chemistry. The researchers received \$2.4 million to help establish the centre.
- President Barnard, Tyler MacAfee and Ry Moran met with Minister of Canadian Heritage and Official Languages, Shelly Glover, in her capacity as senior federal minister for Manitoba to discuss the University of Manitoba's federal funding priorities for 2015 and our plan to secure federal funding for the NCTR.
- Newly appointed Minister of Healthy Living and Seniors, Deanne Crothers, met with Dean Douglas Brown and others from the Faculty of Kinesiology and Recreation Management (FKRM) to discuss the role of the University of Manitoba in the community and in promoting healthy and active living. Following the meeting, Minister Crothers had a tour of the Active Living Centre given by Gordon Giesbrecht, Associate Dean (External Relations), FKRM.
- The University of Manitoba hosted the fourth Visionary Conversations of 2014-2015 - "Popular Science - Has Innovation Caught Up with Imagination?" Panelists included Dr. Jayanne English, Associate Professor, Department of Physics and Astronomy in the Faculty of Science; Dr. Pourang Irani, Professor, Department of Computer Science in the Faculty of Science and a Canada Research Chair in Ubiquitous Analytics; and Scott Young (Alumnus), Manager of Science Communication and Visitor Experience at The Manitoba Museum.
- Alumni Relations partnered with Career Services, the Faculty of Arts, and the Arts Student Body Council to host a Faculty of Arts Career Round Table for students pursuing a humanities degree. The networking event took place on Thursday, January 29, 2015 and provided students the opportunity to learn more about various career options/paths from alumni with a humanities degree. Over 30 students participated and gained valuable career advice from the eight alumni participants. Barbara Axworthy, Director, Alumni Relations provided greetings at the event.
- On February 24th, the 2015 Distinguished Alumni Awards Selection Panel met to determine the recipients of this year's awards in each of our five categories. The public announcement of the recipients will take place mid-March and the Celebration of Excellence will be held on May 12th 2015 at the Winnipeg Art Gallery. Please mark your calendars for this exciting event.

- An alumni event in Ottawa is being scheduled for April 9th to coincide with the presentation of the Governor General's Awards for Visual and Media Arts. The public announcement of the recipients will take place on March 24th.
- Planning for Homecoming 2015 is underway and currently there are 33 different reunions being organized. These reunion groups range from graduates of the class of 1955 to 2005 and represent ten different faculties. Homecoming 2015 will take place from September 28th – October 4th.
- The University of Manitoba was recognized as a Canadian advertising success story at the 22nd CASSIE Awards (Canadian Advertising Success Stories) held in Toronto on February 19, 2015. We received a bronze award in the "Long-Term Success" category for the Trailblazer advertising campaign. McKim Communications Group, the agency which worked with the University of Manitoba to develop its Trailblazer advertising campaign, was jointly recognized. The CASSIES have been awarded in Canada by national communications agencies since in 1993 to honour best practice in Canadian advertising, judged on measurable criteria such as demonstrated impact, the effectiveness of a campaign and creative excellence.