

PRESIDENT'S REPORT: January 26, 2016

GENERAL

The National Centre for Truth and Reconciliation (NCTR) at the University of Manitoba opened its doors to the public on November 3 & 4, 2015, providing Canadians access to its innovative and progressive archive to foster reconciliation. Ceremonies began outside Chancellor's Hall, home of the Centre, where 200 community members watched as the sacred fire was lit. The NCTR has the largest collection of curated materials on the Residential School system in Canada. The Centre also plays an active role in the process of reconciliation, providing a safe, respectful and trustworthy space for Survivors and their families to gain access to records and collect information about their history. When the fire ceremony concluded, delegates and guests proceeded to University Centre to hear powerful speeches from Truth and Reconciliation Commission (TRC) Chair Justice Murray Sinclair and Commissioner Dr. Marie Wilson. Opening activities on November 4 focused on education hosted at the RBC Convention Centre, with approx. 1,750 students and teachers participating in sessions. To learn more about the NCTR and to access the archives, visit <http://umanitoba.ca/nctr/>.

On December 18, the Presidents of all Manitoba universities and colleges and the Manitoba School Boards Association signed the Manitoba Collaborative Indigenous Education Blueprint, which commits the institutions to a series of actions focused on advancing Indigenous education and reconciliation, including the advancement of reconciliation, language and culture through education, research and skill development, bringing Indigenous knowledge, languages and intellectual traditions, models and approaches into curriculum and pedagogy, and increasing and measuring Indigenous school and post-secondary participation and success rates, among others. The entire Blueprint may be found at http://umanitoba.ca/admin/indigenous_connect/media/agamik_PO151363.pdf.

The provincial government has recently announced components of its \$150 million commitment to the University's \$500 million Front and Centre Campaign. \$120 million in targeted infrastructure funding will support the Places and Spaces pillar of the campaign, including the Inter-Professional Health Education Complex at the University of Manitoba's Bannatyne campus, redevelopment of space within the Helen Glass Centre to support new engineering seats, the Churchill Marine Observatory and classroom, library and laboratory renewal. An additional \$30 million has been designated for an Indigenous Success Fund, undergraduate scholarships and bursaries, and chairs and professorships including innovation in teaching.

The University of Manitoba has been selected as one of Manitoba's Top Employers for 2016. The University has been recognized for its high standards and for adding progressive value to Manitoba's business community.

The University of Manitoba is proud to support a Syrian refugee student in January 2016. The University has been a member of the World University Services Canada (WUSC) organization since 1981 and through this partnership with WUSC, and the work of the Student Refugee Program's local committee, we became one of the first universities in Canada to commit to supporting a Syrian World University Services Canada (WUSC) scholar. The University of Manitoba's Student Union has agreed to cost-share the associated expenses.

ACADEMIC MATTERS

- Andrea Charron, political studies, was named to the Department of National Defence's *Defence Advisory Board*. This is a voluntary position in which she will provide advice on issues concerning defence policy.
- Jorge Nállim, history, was recently appointed President of the Canadian Association for Latin American and Caribbean Studies (CALACS).
- Haeyoung Kwon, architecture student, was the Grand Prize recipient at the *Chair Your Idea* event held on September 19, 2015 at Winnipeg's City Hall. The winning idea was to "hold a contest for kids to design art and poetry on environment theme - print winners on buses. Good messages to encourage youth ridership."
- Kaitlyn Joyal and Ashley Desloges, physiotherapy students, organized a local donation drive as part of the Global Physiotherapy Day of Service (PTDOS). This first local annual PTDOS provided food and clothing donations to Siloam Mission as their targeted contribution.
- For the sixth year, warming hut designs submitted by architecture students were selected as winners. This year's winners include, *Basket*, led by Partner-in-Residence, Mark Pauls, Partners Advisory Board Chair, Michael Robertson and Professor Mohamad Araji (environmental design), and *Fabrigami*, led by Professors Lancelot Coar (architecture), Kim Wiese (environmental design) and Jason Hare (FabLab).
- Two first-year Health Sciences medical students organized a faculty-wide dodgeball tournament and raised \$2,800 in support of Syrian refugees in a Lebanese refugee camp. They are now planning the creation of "health packs" to give to Syrian refugees arriving to Manitoba and fundraisers to support the cost of supplies for these packs.
- The Faculty of Architecture Interior Design Program was recognized in *Azure Magazine* (V.31; No.244; 2015) as one of eight top-ranking programs globally that are shaping the next generation of interior visionaries. Other top-ranked programs were the Royal College of Art, London; Domus Academic, Milan, Italy; Parsons the New School of Design; the New York School of Interior Design; Ryerson University; Université de Montréal; and Savannah College of Art and Design.

RESEARCH MATTERS

- The 2015 Vanier Canada Graduate Scholarships were announced in November, with the University of Manitoba receiving a record four awards. The recipients of these prestigious awards are: Chigbo Arthur Anyaduba (English, Film and Theatre); Ifeanyi D. Nwachukwu (Human Nutritional Sciences); Michael Becker (Biological Sciences); and Jonathan Challis (Chemistry).

Anyaduba is studying representations of genocide and atrocities, understanding how literature and storytelling are important mechanisms for seeking justice, healing and peace in the aftermath of horrendous experiences.

Nwachukwu is investigating how blood pressure-lowering bioactive peptides (BAPs) from flaxseed (a crop of vital economic importance to Canada) are absorbed from the intestines into the blood circulation.

Becker is examining how canola defends itself against crop disease, using laser microdissection and next-generation sequencing to profile defense molecules directly at the site of infection.

Challis is studying the behaviour and effects of organic contaminants such as pesticides and pharmaceuticals in impacted surface waters.

The Vanier Scholarships recognize students who demonstrate leadership skills and a high standard of scholarly achievement in graduate studies in the social sciences and humanities, natural sciences and engineering, and health. Students are nominated by their university. Nominees are evaluated by multi-disciplinary peer-review committees and selected by a board composed of world-renowned Canadian and international experts.

- Dr. Sabine Mai (Physiology/Biochemistry and Medical Genetics/Human Anatomy and Cell Science/Research Institute of Oncology and Hematology, a joint institute of CancerCare Manitoba and the University of Manitoba) was awarded a 2015 Canada's Most Powerful Women: Top 100 Award in the Sun Life Financial Trailblazers and Trendsetters category by the Women's Executive Network (WXN).

Mai established and directs the Genomic Centre for Cancer Research and Diagnosis, a cutting edge and unique molecular imaging facility. Her research focuses on how instability of DNA occurs in cancer cells and has the potential to lead to new tools to diagnose cancer. She uses 3D imaging technologies to identify signs of gene instability. She was the first to introduce the use of super resolution microscopy to Canada and her facility purchased the first commercially available super resolution system in North America.

The Top 100 Awards recognize Canada's strong, fearless female leaders who have become agents of change in reshaping Canadian organizations at the highest levels.

- A delegation of the University of Nairobi visited the University of Manitoba on September 21-23, 2015. Prof. Peter M.F. Mbithi, Vice-Chancellor, University of Nairobi, and Dr. David Barnard renewed a Memorandum of Understanding and five institutional cooperation agreements on student and faculty exchange, student visitation, research collaboration and facilities management cooperation.

Exploratory discussions with deans and professors of many units and tours of laboratories demonstrated a great willingness to build on past successes and expand joint efforts.

Peter Mwaura, Chief Executive Officer of Partners for Health and Development in Africa, the University of Manitoba's non-governmental organization based in Nairobi, accompanied the delegation so that it could support the partnership's existing and new activities and projects enhancing health and well-being of individuals and communities in Africa.

- Four international partnership agreements were recently signed. They are:

Country	Partner Institution	Agreement Type	Initiating Faculty
France	Kedge Business School	Memorandum of Understanding Student Exchange Agreement	I.H. Asper School of Business
Germany	Hochschule RavensWeingarten University of Applied Sciences	Student Exchange Renewal	Engineering
Japan	Doshisha Women's College	English Language Studies & International Programs Agreement	Extended Education
Spain	Escola Tec. Sup. Enginyeria Industrial de Barcelona (ETSEIB) Universitat Politecnica de Catalunya	Student Exchange Renewal	Engineering

- From September through November 2015, the University of Manitoba hosted five visiting delegations. They were:

Country	Delegation	Dates	Hosting Faculty
Canada	German Consul General Walter Stechel and Dr. Alexandra Gerstner, Academic Exchange Service (DAAD), Toronto	Oct. 5, 2015	Arts: German & Slavic Studies
France	Ecole de Management de Normandie-Alexandra Froger	Oct. 22, 2015	I.H. Asper School of Business
France	Melanie Laudriec, Project Manager for International Cooperation, Normandy Region	Oct. 27, 2015	Agricultural & Food Sciences
Ukraine	Dr. Svitlana Arkhypova, Head of Department of Social Work and Social Pedagogy/Director of the Educational & Research Institute of Teacher Education, Social Work, Arts, Bohdan Khmelnytsky National University of Cherkassy	Oct. 22, 2015	Social Work

United Kingdom	Allison Goodings, Canadian High Commission in London, UK	Nov. 26, 2015	International Office
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- The Emerging Leaders in the Americas Program awarded a total of \$77,500 to the following students:

Student Name	Country	Duration (months)	Amount Awarded	Dates
Haim, María Sol	Argentina	5 - 6 months	\$10,000	Jan 4 - Jun 30 2016
Fugali, Fábio de Melo	Brazil	4 months	\$7,500	Sep 2 - Dec 12 2015
Paiva, Denis Valony Martins	Brazil	5 - 6 months	\$10,000	Jan 25 - Jul 24, 2016
Silva, Gustavo	Brazil	5 - 6 months	\$10,000	Sep 1 2015 - Feb 2, 2016
Arroyave, Luisa	Colombia	5 - 6 months	\$10,000	Dec 8, 2015 - Jun 7, 2016
Porras, Andres	Colombia	5 - 6 months	\$10,000	Aug 3, 2015 - Feb 1, 2016
Aroche, Roisbel	Cuba	5 - 6 months	\$10,000	Sep 15, 2015 - Mar 20, 2016
Castro, Cecilia	Peru	5 - 6 months	\$10,000	Jan 9 - Jun 30, 2016

- Sixty-nine researchers, leading 86 projects, were awarded funding from various sponsors totaling \$3,543,287.60. Those projects awarded more than \$25,000 are:

PI	Sponsor	Title	Awarded
Aluko, Rotimi (Human Nutritional Sciences)	NSERC - Engage	Optimization of industrially defatted flaxseed meal fibre digestion to enhance production of commercial-grade protein isolates	\$25,000
Bailis, Daniel (Psychology)	Canada Council for the Arts	Achievement emotions: New directions	\$95,000
Barber, David (Centre for Earth Observation Science)	Laval University	Atmospheric forcing of sea ice motion in free drift (oil and gas partnership)	\$56,720
Bassuoni, Mohamed (Civil Engineering)	NSERC - Engage	Functionality of zinc anodes in repaired concrete structures	\$25,000

Becker, Marissa (Centre for Global Public Health (CGPH))	CIHR	Estimating female sex workers' early HIV risk and the implications for HIV epidemic control: A multi-country observational and mathematical modeling study	\$337,568
Burgener, Adam (Medical Microbiology)	CIHR	Investigating the role of mucosal biomarkers associated with HIV infection risk in the CAPRISA-004 clinical trial	\$100,000
Chochinov, Harvey (Psychiatry)	CancerCare Manitoba	Dignity management in palliative care and the development of the Dignity Caregiving Assessment Scale (DCAS)	\$36,750
Chochinov, Harvey (Psychiatry)	Research Manitoba	Dignity management in palliative care and the development of the Dignity Caregiving Assessment Scale (DCAS)	\$36,750
Cicek, Nazim (Biosystems Engineering)	NSERC - Engage	Reclaiming waste phosphorus from industrial drug manufacturing systems	\$25,000
Dolinsky, Vernon (Pharmacology and Therapeutics)	CIHR	Adiponectin in gestational diabetes and the development origins of disease	\$503,599
El-Salakawy, Ehab (Civil Engineering)	NSERC - Engage	GFRP shear studs for GFRP-RC flat slab- column connections	\$25,000
Gerhold, Kerstin (Pediatrics and Child Health)	Children's Hospital Foundation of Manitoba Inc.	Evaluation of a treatment for children and adolescents with chronic (musculoskeletal) pain (start-up funding)	\$30,000
Gole, Aniruddha (Electrical and Computer Engineering)	Mitacs Inc.	Control of HVDC links in synchronous and asynchronous AC grids using wide area phase angle measurement	\$30,000
Hayglass, Kent (Dean's Office - Faculty of Medicine)	CIHR	Md/PhD program grant (starting in 2013-14)	\$132,000
Hryshko, Larry (Physiology)	Heart & Stroke Foundation of Manitoba	Mechanistic studies of novel sodium- calcium exchange inhibitors	\$100,000
Jackson, Alan (Internal Medicine)	University Medical Group	Rabies virus - induced mitochondrial dysfunction	\$40,000
Jackson, Alan (Internal Medicine)	Research Manitoba	Rabies virus - induced mitochondrial dysfunction	\$40,000

Janzen, Melanie (Curriculum, Teaching and Learning)	SSHRC	The emotional toll of obligation and teachers' disengagement with the profession	\$64,220
Keynan, Yoav (Internal Medicine)	Association of Medical Microbiology and Infectious Disease Canada (AMMI)	Emmonsiosis: Optimizing diagnostics, and an investigation into risk factors and burden of disease	\$70,000
Keynan, Yoav (Internal Medicine)	University of British Columbia	Assessment of the effect of geographical distance between Canadian HIV-infected individuals and their care providers on treatment adherence and virologic suppression	\$55,000
Kulchyski, Peter (Native Studies)	Mitacs Inc.	Learning from our kogums (Grandmothers): Integrating participatory video as a tool to share knowledge through OPCN's ithinto mechisowin program	\$30,000
Leslie, William (Internal Medicine)	Research Manitoba	Improving assessment of fracture risk with DXA-based finite element modeling: Large-scale technical and clinical validation	\$65,000
Mai, Sabine (Physiology & Pathophysiology)	Mitacs Inc.	Circulating tumor cells (CTC) telomeric analysis of pre-treatment and post- treatment high risk prostate cancer patients: A look at prognostic variability and treatment responsive elements	\$30,000
Mansouri, Behzad (Internal Medicine)	University Medical Group	Visual functional connectivity in amblyopia before and after binocular and/or TMS treatment	\$26,000
Martin, Donna (Nursing)	CIHR	A critical ethnography examining Little Saskatchewan First Nation community members' experiences of induced displacement: Promoting Pimachiwiin	\$100,000
McGavock, Jonathan (Pediatrics and Child Health)	CIHR	Muscle strength and myokines: New risk factor to be considered among overweight youth	\$135,000
McGavock, Jonathan (Pediatrics and Child Health)	University of British Columbia	Muscle strength and myokines: Novel factors for metabolic disease in overweight youth	\$30,000

McKenna, Sean (Chemistry)	Research Manitoba	Investigating the regulatory role of an RNA-quadruplex helicase, RHAU, on telomerase activation	\$65,000
McPhail, Deborah (Community Health Sciences)	CIHR	Reproducing stigma: Obesity and women's experiences of reproductive care	\$230,130
Mundy, Christopher (Centre for Earth Observation Science)	Dalhousie University	Observing and responding to pressures on Arctic marine ecosystem services	\$45,000
Paliwal, Jitendra (Biosystems Engineering)	NSERC - Engage	Production of gluten-free oat products using a novel near infrared sorting technique	\$25,000
Rockman-Greenberg, Cheryl (Pediatrics and Child Health)	Children's Hospital Foundation of Manitoba Inc.	Comparison of the effect of a novel starch (Glycosade) versus gastronomy tube-dextrose infusion on overnight euglycaemia control in children with glycogen storage disease type 1: Open label demonstration trial	\$26,498
Ruth, Douglas (Mechanical and Manufacturing Engineering)	NSERC - Engage	Resolving disagreements in porosity and permeability values in core analysis data for the montney formation	\$25,000
Scanlon, Martin (Food Science)	NSERC - Engage	Stabilization mechanisms of organic high protein functional drinks	\$25,000
Shafai, Cyrus (Electrical and Computer Engineering)	NSERC - Engage	Development of an MEMS based proximity voltage sensor with no voltage reference	\$25,000
Slater, Joyce (Human Nutritional Sciences)	Heart & Stroke Foundation of Manitoba	Identifying critical food literacy competencies for preventing obesity in Manitoba youth: A delphi study	\$77,552
Tallman, Ross (Biological Sciences)	Nunavut Offshore Allocations Holder Association	Information to support arctic char fishery development in Nunavut	\$30,000
Tomy, Gregg (Chemistry)	NSERC - Engage	Sorption and desorption of crude oil components from highly absorptive medium	\$25,000
Ursel, Jane (RESOLVE (Research & Education for Solutions to Violence))	University of Western Ontario	Canadian domestic homicide prevention initiative for vulnerable populations	\$136,250

Whyard, Steven (Biological Sciences)	NSERC - Engage	Delivery of RNA molecules to mosquito larvae for species-specific control	\$25,000
Wicklow, Brandy (Pediatrics and Child Health)	Children's Hospital Foundation of Manitoba Inc.	Genetic and environmental influences on development of type 2 diabetes in childhood: The next generation longitudinal birth cohort	\$50,000
Yao, Xiao-Jian (Medical Microbiology)	Canadian Foundation for AIDS Research (CANFAR)	Investigation of a role of PKC412 in reactivating HIV latency and underlying mechanisms	\$25,000

ADMINISTRATIVE MATTERS

- The Office of Sustainability worked with Manitoba Hydro to create a 60-second television commercial on Power Smart initiatives at the University of Manitoba. Energy saving projects undertaken in partnership with Hydro that save the University over \$5M each year are profiled. The piece features faculty and students from Migizii Agamik – Bald Eagle Lodge, Kinesiology & Recreation Management/Active Living Centre, Desautels Faculty of Music/Taché Hall, School of Art/ARTLab and Faculty of Engineering/EITC, as well as staff from the Central Energy Plant. Associate Vice-President (Administration) Andrew Konowalchuk acts as spokesperson. The piece is airing now on CBC and will also show on CTV and Global and has been uploaded to <https://www.youtube.com/watch?v=IPXNiC5MwUE>.
- AESES bargaining concluded on a very positive note, with 91% of the membership voting in favour of the 4-year deal which provides increases of 1.5%, 1%, 1.5% and 2%.
- On January 7, 2016 the CUPE Sessional unit ratified a 3-year deal, September 2015-August 2018, with increases of 1.5%, 1% and 1.5%. We achieved a major overhaul of the Right of First Refusal (RFR) provisions, which will make these provisions much easier for departments to implement, and will ultimately be automated by Human Resources.
- Art Lab and H2Office (Smart Park) were recently awarded the Premier's Award for Design Excellence.

EXTERNAL MATTERS

- For the period of April 1, 2014 to December 11, 2015, the University has raised \$100,565,918.48 for the 2015/2016 fiscal year. As of this date, we have raised \$79.7 million more in our current fiscal year, as compared to last fiscal year.
- To date, we have raised \$374,486,846 towards our \$500 million goal for the Front and Centre campaign, which includes the commitment of \$150 million from the Province of Manitoba.

- Significant gifts and activities in the last reporting period include:
 - The inaugural Seniors Alumni Learning for Life Program ran between October 1 and November 19, providing an exclusive opportunity for alumni 60+ years of age to explore new ideas, and hear from professors, researchers and fellow alumni who are innovators in their field. The program was so well-received, and in such high demand, that a second series is already being developed for early next year.
 - The 2016 Distinguished Alumni Awards Selection Panel met on November 9 to review the 49 nominations received and select the 2016 recipients. Their names will be revealed on February 29, 2016 when the official public announcement takes place. The Distinguished Alumni Awards Celebration of Excellence will be held on Thursday, May 5, 2016 at the Winnipeg Art Gallery.
 - Regional Front and Centre campaign launch events were held in Toronto, Calgary, Victoria and Vancouver between November 19 and December 8, 2015. This was a valuable opportunity to meet and visit with more than 300 alumni and friends living across Canada and share Front and Centre: The Campaign for the University of Manitoba.
 - Mr. Bryce Douglas made a \$2 million gift to transform the Bryce Douglas Professorship in Finance into a research chair.
 - The Waugh Family Foundation made a gift of \$2M for an MS research chair and MS research fund.
 - The Murphy Foundation made a gift of \$2M for grad student support and Indigenous achievement in the Faculty of Agricultural and Food Sciences.
 - Nick Logan and Christine Skene and family have donated \$100,000, with the specific designation to be determined.
 - Dr. Douglas MacEwan made a gift of \$100,393.70 to the Douglas & Elizabeth MacEwan Bursary.
- RBC Financial Group campaign gift announcement was held January 25, 2016, at the University of Manitoba Bannatyne Campus.
- Justin Trudeau officially became Canada's 23rd Prime Minister on November 4th, 2015 and announced his Cabinet of which two Manitoba Members of Parliament received ministerial appointments: MaryAnn Mihychuk, Minister of Employment, Workforce Development and Labour (MP, Kildonan-St. Paul), and Jim Carr MP (Winnipeg South Centre), Minister of Natural Resources. The Office of Government and Community Engagement has been working to secure meetings with new ministers and MPs.
- David Barnard, President and Vice-Chancellor met with Mayor Brian Bowman for an informal lunch to discuss the Front and Centre campaign and Indigenous achievement. The University of Manitoba is exploring ways in which it can work collaboratively with the City of Winnipeg to address issues of racism and reconciliation.
- David Barnard, President and Vice-Chancellor, Paul Kochan, Vice-President (Administration), and Tyler MacAfee, Director, Government and Community Engagement, met with Greg Dewar, Minister of Finance, on November 23rd, 2015 to discuss the Front and Centre campaign and the University of Manitoba fiscal pressures as part of an annual pre-budget discussion with the provincial government.

- As part of Government and Community Engagement's plan with the Liberal government to ensure that new Manitoba MPs (and ministers) are well-informed of the University of Manitoba's strategic initiatives and how they can serve as champions in Ottawa, David Barnard, President and Vice-Chancellor, John Kearsley, Vice-President (External), Digvir Jayas, Vice-President (Research and International), and Tyler MacAfee met with Robert-Falcon Ouellette, MP, Winnipeg Centre. This was also an opportunity to inform Mr. Ouellette of community engagement and outreach activities at the Bannatyne campus which is in his riding.

A similar meeting was held between David Barnard, John Kearsley, Digvir Jayas and Tyler MacAfee with Terry Duguid, MP, Winnipeg South. In addition to the core key messages about the value of the University of Manitoba in the community and its role as an economic driver, the discussion also included the role that the University of Manitoba plays in Winnipeg South.

- John Kearsley, Vice-President (External), Paul Soubry, Front and Centre Campaign Chair, and Tyler MacAfee met with members of the provincial Conservative caucus to discuss the Front and Centre campaign, the University of Manitoba's role as an economic driver, and our current fiscal situation. Conservative caucus members included: Heather Stefanson, MLA for Tuxedo and Critic for Jobs and the Economy; Wayne Ewasko, MLA for Lac du Bonnet and Critic for Education and Advanced Learning; Cameron Friesen, MLA for Morden-Winkler and Critic for Finance; and Cliff Cullen, MLA for Spruce Woods and Critic for Mineral Resources.
- On December 14, 2015, David Barnard, Digvir Jayas, Tyler MacAfee, and Christine Cyr, Director, Indigenous Student Centre, met with MaryAnn Mihychuk, Minister of Employment, Workforce Development and Labour (MP, Kildonan-St. Paul) to discuss how the University of Manitoba can assist the Minister in meeting the goals and objectives outlined in her ministerial letter. In particular, the discussion focused on Indigenous achievement, co-op opportunities for students, and jobs for university graduates.