

PRESIDENT'S REPORT: March 20, 2018

GENERAL

The Federal Government released its budget on February 27 and, as had been widely speculated in advance, the budget included a series of investments in research. Generally speaking the budget has been described as positive news by Canada's research community, though it does not implement fully the recommendations of the Fundamental Science Review, with substantial investments having been made in the granting councils, the Canada Foundation for Innovation, and in Canada Research Chairs, among other initiatives.

The founding board selection committee continues its work to select board directors for UM Properties GP Inc., which will develop the former Southwood Golf Course land in accordance with the principles articulated in the Visionary (re)Generation Master Plan. The development of the Southwood lands is a transformational opportunity to connect the University and the community and while meeting the University's future needs.

University of Manitoba alumni have demonstrated tremendous interest in serving the University as an alumni representative on the Board of Governors. Twenty-five nominees from across Canada and the United States are seeking election for a three-year term, an unprecedented number of candidates. All alumni are eligible and encouraged to vote; [candidate bios](#) and [voting](#) are available online.

On October 30, 2017, the University revised the Responsible Conduct of Research Investigation Procedure in order to align and comply with the Tri-Agency Framework: Responsible Conduct of Research (the "RCR Framework (2016)"), which was revised on December 23, 2016. This revision allows the University to comply with the Tri-Agency guidelines as outlined in the RCR Framework (2016). It supports the University's strategic goal to champion excellence in research, scholarly work and other creative activities. Revisions include:

- Clarification of definitions of researcher responsibilities and corresponding breaches;
- Responsibilities for researchers participating in Agency review processes;
- Annual reporting requirements for the University;
- Clarification on how anonymous allegations will be considered; and
- Clarification on how allegations will be addressed when more than one institution is involved.

President David Barnard, Vice-President (External) John Kearsey and Acting Associate Vice-President, Donor Relations Vanessa Shaff, travelled to Hong Kong February 24 – March 3 to meet with donors and to host an alumni event on February 28. Hong Kong is home to the largest University of Manitoba alumni population outside of North America.

Members of the University community are reminded of the upcoming Distinguished Alumni Awards Celebration of Excellence on Tuesday, May 10, which will honour:

Paul Soubry – Lifetime Achievement Award
Dr. Lorrie Kirshenbaum – Professional Achievement Award
Tina Jones – Community Service Award
Jan Lederman – Service to the University of Manitoba Award
Dr. Shayne Reitmeier – Outstanding Young Alumni Award

ACADEMIC MATTERS

- The Manitoba Dental Association honoured Dr. Anthony Iacopino, dean of dentistry, with its Distinguished Service Award for his sustained efforts to bring the Manitoba dental community together by improving relationships between the college of dentistry, University of Manitoba Dental Alumni Association, Manitoba Dental Association, Winnipeg Dental Society and Alpha Omega Dental Fraternity.
- Rotimi Aluko, food and human nutritional sciences, has been selected as a 2018 American Oil Chemists Society (AOCS) Fellow. The American Oil Chemists Society (AOCS) Fellow Award is a category of American Oil Chemists Society (AOCS) membership that recognizes achievements in science, or extraordinary service to the Society. Such contributions are not limited to research, but may include such areas as industrial achievement, leadership, education, administration, communications, or regulatory affairs.
- Frank Hawthorne, geological sciences, was appointed Companion of the Order of Canada in the New Year's Honours List.
- Ethan Amyotte, geological sciences, student, was selected by the Society of Economic Geologists (SEG) from 50 international applicants to attend a fully funded field trip to Ghana, Africa. Ethan was also selected by the Prospectors and Developers Association of Canada (PDAC) from 45 national applicants to attend the Student-Industry Mineral Exploration Workshop (S-IMEW) in Sudbury. These honors are based on the student's leadership skills and academic preparation.
- The Manitoba Medical Students' Association (MMSA) held a "Pack-a-Sac" drive in support of Agape Table. The MMSA held a fun competition between the four med. classes and pharmacy and collected warm clothing and toiletries to make backpacks to give to community members who are in need.
- On February 8th two films about Indigenous communities in Manitoba making things happen through dance and education will be screened at the Winnipeg Art Gallery. *Twilight Dancers* (Paola Marino, Theola Ross) about youthful leadership shining brightly in Pimicikamak Cree Nation, where young people use square dancing to help heal the wounds left by suicides in their community. *Our People will be Healed*, Alanis Obomsawin's 50th film, reveals how a Cree community in Manitoba has been enriched through the power of education.
- The Illuminate Speaker Series hosted by the College of Rehabilitation Sciences presented a public lecture by Dr. George Siemens on the topic *Massive Open Online Courses (MOOCs): Hope, Hype, Impact*. Siemens is an expert on the influence of technology and media on education, organizations and society. He spoke about how implementing learning analytics can benefit research and practice in health sciences education.
- André Picard, health columnist of the *Globe and Mail* and a University of Manitoba honorary degree recipient, delivered Clinical Health Psychology's annual Robert M. Martin Memorial Lecture on the topic "Building a Healthier Health System."

- The inaugural health sciences industry fair was held in the Brodie Centre Atrium on the Bannatyne campus. The free career fair featured 10 health-related exhibitors. The fair was organized by the health sciences Graduate Students' Association and University of Manitoba career services to help student's research job and volunteer opportunities and connect with employers.

RESEARCH MATTERS

- On January 26, 2018 \$9.7 million in funding from the Canadian Institutes of Health Research was announced to project grant recipients at the University of Manitoba. Recipients are:

PI	Awarded	Title
Lavoie, Josée (Community Health Sciences/Manitoba First Nations Centre for Aboriginal Health Research)	\$1,575,900	Improving responsiveness across the continuum of kidney health care in rural and remote Manitoba First Nation communities (I-KHealth)
Karimi-Abdolrezaee, Soheila (Physiology & Pathophysiology)	\$1,059,525	Novel therapies to augment neurological benefits of cellular therapies for traumatic spinal cord injury
Driedger, S. Michelle (Community Health Sciences)	\$864,450	Changing the patient-PCP dialogue: fostering trust through joint clinical decision making
Mckenna, Sean (Chemistry)	\$784,125	Investigating the regulatory role of RNA-G4 helicases on telomerase activation.
Fowke, Keith (Medical Microbiology)	\$772,650	Reducing HIV target cells in the female genital tract: Determining the mechanism of inducing immune quiescence.
Dhingra, Sanjiv (Physiology & Pathophysiology/St Boniface Albrechtsen Research Centre)	\$749,700	Role of HSP90-alpha in preserving immunoprivilege of allogenic mesenchymal stem cells in the ischemic heart
Hatala, Andrew (Community Health Sciences)	\$745,875	Pathways to Resilience and Health Equity: participatory action research with Indigenous youth in four urban Canadian contexts
Azad, Meghan (Pediatrics & Child Health/Children's Hospital Research Institute of Manitoba)	\$742,050	The impact of soluble TLR2 and other immunomodulatory factors in breast milk on the development of allergic disease: translational research in pre-clinical models and the CHILD birth cohort
Mookherjee, Neeloffer (Internal Medicine/Immunology)	\$661,725	Innate Defence Regulator (IDR) peptides: Regulatory mechanisms in the control of asthma
Murooka, Thomas (Immunology)	\$573,750	Role of migratory DCs in HIV dissemination in vivo

Sibley, Kathryn (Community Health Sciences/George & Fey Yee Centre for Healthcare Innovation)	\$443,700	Advancing the Science of Integrated Knowledge Translation with Health Researchers and Knowledge Users: Understanding Current and Developing Recommendations for Integrated KT Practice
Slater, Joyce (Food Science & Human Nutritional Sciences)	\$393,976	FANS: Building Evidence to Inform Policies and Programs for Food and Nutrition Security in Manitoba Youth
Riediger, Natalie (Community Health Sciences)	\$359,551	Sticky money: Exploring the acceptability of a sugar-sweetened beverage tax among Canadian Indigenous populations

- On January 25, 2018 the awarding of two new Canada Research Chairs and another renewed was announced by MP Terry Duguid at the University of Manitoba. Dr. Frank Deer (Education) is the new CRC in Indigenous Education; Dr. Jörg Stetefeld (Chemistry) is the new CRC in Structural Biology and Dr. Salah Mahmud (Community Health Sciences) is the renewed CRC in Pharmaco-epidemiology and Vaccine Evaluation. The three CRCs will receive a total of \$2.4 million in funding.

Deer’s research program will focus upon Indigenous education in school and community contexts. Specifically, how Indigenous languages can be revitalized in schools and communities. Stetefeld’s research seeks to understand, in detail, the structure-function relationship of proteins as dynamic systems: how are they involved in signaling complexes related to human disease and how can they be used for biomedical applications. Mahmud leads a research program that provides actionable evidence for public health decision-making on preventing malignant and infectious diseases.

- Vice-President (Research and International) and Distinguished Professor Dr. Digvir Jayas was reappointed to the Natural Sciences and Engineering Research Council of Canada (NSERC), the only member to be reappointed from the previous cohort of members. Collectively, NSERC Council members represent the academic research and private sector communities in the natural sciences and engineering. The Council works to achieve the maximum strategic impact for Canada from the expenditure of public funds and to advance Canada’s research and development agenda. His reappointment continues the legacy of service by preceding professors at the University of Manitoba, notably Dr. Joanne Keselman (2001 – 2008) and Dr. James Blatz (2009 – 2014).
- The winter issue of *ResearchLIFE* magazine was published in January. Highlights include: Dr. Dagmar Svecova (Civil Engineering) is solving problems such as the rehabilitation of old bridges to handle increased loads and focusing on infrastructure and testing new concepts and materials to solve critical structural problems. Dr. Maureen Flaherty (Peace and Conflict Studies) partners with Lviv Polytechnic and Academics without Borders to build bridges between communities, bringing people together across conflict to explore their common concerns and learn more about themselves and others. The power of data to improve healthcare for seniors in Manitoba is explored through the feature on nationally recognized expert on elder care Dr. Malcolm Doupe (Community Health Sciences/Manitoba Centre for Health Policy). Dr. Robert Duncan’s research (Agricultural and Food Sciences) involving the Brassica Breeding Program and our legacy of canola research is also highlighted. [Read the full issue online here.](#)

- The twelfth annual Science, Engineering and Technology (SET) Day was held on campus on February 23, 2018 hosted and organized by the Office of the Vice-President (Research and International). More than 195 grade 11 and 12 students and their teachers participated in faculty-hosted hands-on activities: Hearts and Rec (Science), Pizza 101 (Agricultural and Food Sciences), Intro to Intelligent Robots (Science), Build-A-Bridge (Engineering), SERFing in the Arctic (Clayton H. Riddell Faculty of the Environment, Earth, and Resources) and Analyzing Your Moves (Kinesiology and Recreation Management). Let's Talk Science student volunteers provided hands-on microbiology activity. The participants listened to three SET Talks given by Dr. Julie Ho (Internal Medicine), graduate student Deirdre Khan (Biological Sciences/Graduate Studies), and Dr. Annemieke Farenhorst (Soil Sciences). Students and teachers were very engaged throughout the day both in the activities, talks and via social media (#SETDay2018).
- Eighty-four research projects led by 81 PIs received a total of \$1,960,949 in funding from various sponsors. Those receiving more than \$25,000 are:

PI	Sponsor	Title	Awarded
Beta, Trust (Food and Human Nutritional Sciences)	NSERC Engage	Optimizing extraction conditions of Red Osier Dogwoods' ground leaves and bark to obtain product with optimum phenolic levels and shelf life properties	\$25,000
Birouk, Madjid (Mechanical and Manufacturing Engineering)	NSERC Engage	Improving the efficiency of heat exchanger using spray evaporative cooling	\$25,000
Gole, Aniruddha (Electrical and Computer Engineering)	Mitacs Inc.	Wide area measurement based robust damping controllers for power systems with embedded power electronic devices	\$59,000
Jolin-Dahel, Kheira (Family Medicine)	Manitoba Medical Service Foundation	A tool to predict cesarean delivery in rural and First Nations populations	\$30,000
Mark, Brian (Microbiology)	University of Alberta	Engineering human hexosaminidase for gene and enzyme therapies	\$60,250
Miller, Donald (Pharmacology and Therapeutics)	NSERC Engage	Nanoparticle based cell selective modulation of SSAT1	\$25,000
Mundy, Christopher (Centre for Earth Observation Science)	Polar Knowledge Canada	Southampton Island Marine Ecosystem Project (SIMEP)	\$162,500

Nyachoti, Charles (Martin) (Animal Science)	Anpario plc.	Response of <i>E. coli</i> challenged weaned pigs to dietary organic acid or zinc oxide supplementation	\$34,350
Paliwal, Jitendra (Biosystems Engineering)	Mitacs Inc.	Exploration of EMC characteristics for Manitoba-grown soybeans	\$61,183
Tachie, Mark (Mechanical and Manufacturing Engineering)	NSERC Engage	Surface-mounted bluff bodies immersed in deep turbulent boundary layers	\$25,000
Torabi, Mahmoud (Community Health Sciences)	Canadian Statistical Sciences Institute	Spatial modeling of infectious diseases: Environment and health	\$180,000

ADMINISTRATIVE MATTERS

- Work continues on the review of the current Human Resources Information/Payroll Systems (HRIS/VIP) to either upgrade to the web-based version, or replace it entirely.
- Five Success through Wellness Grants grants were awarded for \$30,000 to nurture and encourage wellness in the University of Manitoba community.
- In support of the University of Manitoba’s Sustainable Transportation Strategy and Visionary (re)Generation, the Office of Sustainability with Architecture and Engineering Services and the Campus Planning Office has worked with a consultant to develop a plan for pedestrian and cycling infrastructure improvements for Fort Garry and Bannatyne campuses. The Pedestrian and Cycling Plan incorporated feedback from the Campus community through Open Houses (350+ participants) and an online feedback portal. It provides a 15-year framework to deliver infrastructure to support the growing demand for active transportation on campus and improve connections to the surrounding community through the City of Winnipeg pedestrian and cycling infrastructure. The Plan provides direction on priority areas based on an assessment of existing conditions, safety considerations and the benefits in relation to the level of investment. It also provides a structured framework that will support phased improvements in concert with other adjacent construction and maintenance repairs such as for roads, utilities and parking lots. Based on the framework provided by this Plan, the Office of Sustainability has initiated work on a Pedestrian Cycling Plan for Smart Park which was not part of this study.
- In 2016, the Office of Sustainability conducted a baseline transportation survey of current commuting patterns and transportation needs for staff, faculty and students, contributing to the development of the Sustainable Transportation Strategy. A follow-up survey, conducted from January 22 – February 9, 2018, meets a Sustainability Strategy priority action item to implement a regular (biennial) transportation survey as an important monitoring tool for transportation performance indicators. The follow-up survey was completed by 6,785 staff, faculty and students; a 50% increase in participation from the previous survey. The results of this survey will continue to

inform strategic transportation planning around infrastructure, education and peer-based programs on campus.

- In partnership with the Health Sciences Graduate Student Association, the Office of Sustainability hosted a screening of Al Gore's *Inconvenient Sequel: Truth to Power* at the Bannatyne campus. This is the second event of this nature following the initial screening of the film in October 2017 and was attended by students, staff, faculty and community members. The film is available to University of Manitoba library cardholders as a DVD or online streaming platform. Several faculties and instructors have also contacted the Office of Sustainability to set-up in class screenings. The Office of Sustainability is investigating additional open screening events of the film in the fall 2018 to accommodate the new cohort of students.
- There is a research and technology park known as Innovation Place ("IP") in Saskatoon, which has been in operation for approximately 25 years. Given that IP has been running a successful operation for many years, the University thought it would be beneficial to visit IP in order to meet the key personnel there and learn more about its operations, in particular, if and how they charge out Park Wide expenses. On February 7, 2018 Naomi Andrew, Trish Faurshou and Larry Paskaruk met with Jackie Presnell (Executive Director of Marketing) and Debbie Haluik (Executive Director of Client Relations) at IP in Saskatoon. IP advised that all tenants of the park pay park wide common area costs (even tenants on a land lease). IP measures to BOMA '96 standard. IP has always had park common area costs in all of their leases. After the meeting, they provided us with the language IP uses in their leases with respect to common areas. The meeting was very productive and we came home with some very useful information and precedent wording.
- The Fundraising and Donation Acceptance Policy and Procedures should be finalized soon. The policy and procedure establish a framework for how the University solicits, reviews and accepts gifts. Both documents are in final revisions by both Legal and Donor Relations after which, both will move to stakeholder review with Libraries, Kinesiology and Recreation Management and University Secretary.
- The Sponsorship Policy establishes processes and provides guidance for the formation of partnerships between the University and the private sector. The Policy is ready for review by stakeholders while its draft Procedures are nearly completed. Final draft expected in early spring.
- Following the practice of numerous other Canadian universities, the Copyright Office and IST have developed "Website Terms of Use" for the University of Manitoba website. The Website Terms of Use presently appear in the lower right hand side of many University of Manitoba webpages, and will appear on other pages as they are updated.
- On February 9, 2018 the Human Rights and Conflict Management Officer along with the Director for Student Advocacy presented to Academic Administrators on Responding to Allegations & Disclosures of Sexual Harassment & Assault. The Vice-Provost (Academic Affairs) requested this training be adapted from the presentation provided at the Senior Executive retreat in December 2017. This is a new workshop for administrators.
- Following the introduction of the revised travel and business expense claims procedures in December, Crystal Prettie (Travel Services) and Mona Sodhi (Research Accounting) have completed

a first round of information sessions across both campuses. Over 200 people attended ten sessions. To date, the vast majority of feedback received on the changes has been very positive.

- Dining Services has a “flex station” in the University Centre Campo which is used to recruit outside vendors for the fall and winter terms, based on applications and a customer voting process. The supplier selected for the fall term, AFV Kitchen has been extended into one of our other Campo locations due to popular demand. The flex station supplier selected for the winter term, a joint venture between Bronuts and BDI, has also proven very popular. In January, we extended the flex station concept to the Bannatyne campus by opening a temporary location for Bronuts at that campus, again with positive customer feedback.
- The Office of Information Services and Technology is implementing a number of improvements:
 - Security Policy and Procedures are being reviewed by the unions before going to the Board of Governors for review and approval;
 - 2 Factor Authentication project is in progress;
 - Mobile device encryption project is in progress;
 - ARMC Cyber Security report will be presented March 6 2018;
 - Global Meltdown/Spectre vulnerability announced in January, University of Manitoba mitigated the risk by patching the various environments;
 - Network Switch Improvements (NSI) phase 2 (January 2018 to October 2018): evergreening switches on buildings, installing \$500K total switches (fiscal 2017/18) and \$700K (fiscal 2018/19); and
 - Wireless improvements at tunnels and buildings (August 2017 to July 2018): purchasing Access Points for FG tunnels at \$150K. Also performing comprehensive wireless survey of all buildings/tunnels at Fort Garry and Bannatyne.
- Campus Network Re-Design (January 2018 to March 2019) will provide redundancy for the Fort Garry campus network for \$900K. Will involve minimal physical infrastructure renovation as this is mostly logical network reconfiguration.
- CANARIE joint security project (August 2017 to November 2017): setting-up a Bro Network Security Monitor server now analyzing all traffic coming and leaving UofM as CANARIE’s prototype for 39 other institutions taking part in the project.

EXTERNAL MATTERS

For the period of April 1, 2017 to February 23, 2018 University has raised \$27,156,163.66 towards the 2017/2018 fiscal year.

- As of February 23, 2018, \$310,495,376 in philanthropic gifts has been raised towards our cumulative campaign goal for 2017/2018 of \$305 million. Discussions continue with the provincial government regarding a \$150 million commitment towards the \$500 million Front and Centre campaign goal.
- Examples of gifts in the last reporting period include:
 - A \$600,000 gift (\$200,000/year over 3 years beginning September 2018) in support of the Youth in Care Tuition grants has been made anonymously by a foundation.

- The Duha family - Gwen Duha [BScHEc/1951], Rick Duha [BComm(Hons)/1982] and Karen Duha [BRS/1986] - gave \$167,270 to establish a graduate scholarship.
- The Campus Day Care Centre will contribute \$100,000 to the childcare expansion project, signaling their commitment to its success.
- The late Charles Allen Evans [LLB/1956] has generously designated \$150,000 through his estate to support the Faculty of Law and the University more generally.
- Significant events and activities in the last reporting period include:
 - At a tour of the College of Dentistry's Patient Care Clinic on January 15, Scotiabank announced their \$500,000 gift to enhance dentistry student training, increase access to oral health care and establish the Scotiabank Scholarship in Data Analytics.
 - More than 200 people attended Visionary Conversations on February 13 where the President moderated a panel that included Devon Clunis; Leisha Strachan [BPE/97, BEd/99]; Zilla Jones [JD/11] and Francis Amara [M.Ed./2010]. The event, presented in partnership with the Canadian Museum for Human Rights and the Winnipeg Black History Month Celebration Committee, was promoted through print and digital marketing efforts, contributing to strong attendance.
 - A new digital marketing strategy developed to increase applications to the Intensive Academic English Program (which prepares students for admission to University) drove increased traffic to the program's landing page from 2,163 recorded sessions in December to 8,800 sessions in January. Additionally, applications submitted rose 319%, growing from 32 to 134.
 - The Seniors Alumni Learning for Life Program's winter session is running from February 14 – March 7.
 - On January 31 the Faculty of Agriculture Students' Organization (FASO) recognized the Richardson Foundation's \$60,000 gift to the Richardson Aggie Student Lounge.
 - The New Fellow's Reception took place on February 15 in ARTlab, School of Art with 70 in attendance.
 - The *Reconciliation through Sports Conference*, designed to create dialogue about how sport can foster reconciliation, took place February 21-23 on the Fort Garry campus.
 - In support of UM's commitment to student mental health, an Instagram contest was initiated on @umstudent and timed to coincide with Bell Let's Talk day on January 31. Over a five-day period, the contest garnered 24 entries and over 1,000 engagements.
- Upcoming events and activities include the following:
 - The University will host Leadership Winnipeg for a day-long educational session on March 17. Leadership Winnipeg is a partnership between The Winnipeg Chamber of Commerce and Volunteer Manitoba for local leaders.
 - The 2018 Three Minute Thesis (3MT®) research final competition takes place March 21 at 7:00 pm in St. John's College. The 3MT® challenges students to consolidate their ideas and research discoveries so they can be presented concisely to a non-specialist audience.
 - The Seniors Alumni Learning for Life Program's spring session will run from April 4 – May 23. This session is sold out (80 registrants).
 - The Vice-President (External) and Dean of the Rady Faculty of Health Sciences will be traveling to Houston to meet with alumni and donors, and to host an alumni reception on May 21.
 - The Max Rady College of Medicine convocation will take place May 24.
 - The Fort Garry campus convocations will take place June 4-8.