

PRESIDENT'S REPORT TO THE BOARD OF GOVERNORS
October 4, 2021

GENERAL

Implementation of the University's requirement for full vaccination is well underway, with a process in place for employees and students to provide proof of full vaccination in place and asymptomatic testing protocols having been implemented. For all individuals accessing the Rady Faculty of Health Sciences, these were implemented September 14; on September 22 for the Fort Garry campus. Employees and students who are not fully vaccinated are required to undergo COVID-19 asymptomatic rapid testing prior to participating in any activity on campus. This is available at the Fort Garry campus rapid testing site located in the Fitzgerald Building. Specific details about this process, and all UM Covid-19 protocols, can be found on the University's Covid-19 website: <https://umanitoba.ca/coronavirus> .

The decision has been taken to once again host Fall Convocation virtually, with the University community's health and safety in mind. Convocation will occur October 18-21 and on November 10 and will be hosted on an innovative online platform that allows for an immersive and shared experience.

Three professors at UM have been newly elected fellows and members of the Royal Society of Canada (RSC) in 2021, the country's most esteemed association of scholars, scientists and artists. Dr. Michael Eskin and Dr. Evelyn Forget have been elected Fellows of the Royal Society of Canada (RSC) and Dr. Meghan Azad is the newest UM Member of the RSC's College of New Scholars, Artists and Scientists.

Homecoming 2021 was celebrated from September 22-25 with over 20 scheduled events including the announcement of the 2021 Distinguished Alumni Award recipients, a campus walking tour, a conversation with Vice-President (Indigenous) and Cree alumna Soyna Ballantyne titled "Home is where your people are" and the Homecoming football game. It also included an informative and thought-provoking panel discussion about what it will look like when COVID-19 becomes endemic, featuring local thought leaders and UM alumnae:

- Jo Ann Unger [MA/04, PhD/12] – Clinical Psychologist and President, Manitoba Psychological Society
- Joss Reimer [MD/08, MPH/13] – Medical Lead for Manitoba's Vaccine Implementation Task Force & Medical Director, Population and Public Health, WRHA
- Marcia Anderson [MD/02] – Public Health Lead, Manitoba First Nations Pandemic Response Coordination Team; Vice-Dean, Indigenous Health and Executive Director, Indigenous Academic Affairs, Ongomiizwin – Indigenous Institute of Health and Healing, Rady Faculty of Health Sciences
- Dodie Jordaan [BA/09] – Executive Director, Ka Ni Kanichihik and Board Chair, Ma Mawi Wi Chi Itata Centre

The University recognized the National Day for Truth and Reconciliation on September 30 as part of its ongoing support of national efforts toward reconciliation. The day was an opportunity for students, staff and faculty to participate in activities for learning and reflection, which were organized throughout the last week of September by the National Centre for Truth and Reconciliation, by units within the University, and in community.

The implementation of the recommendations in the Indigenous Senior Leadership Report is being supported by the addition of resources in the new Vice-President (Indigenous) portfolio. The portfolio now reflects

three unique Indigenous entities that have come under the umbrella of the VPI, with a staff complement that has expanded from about 40 staff to now 63. Starting November 1, 2021, the AVPI - Scholarship, Research and Curriculum will be filled by Dr. Cary Miller, former Head of Native Studies at UM. The AVPI - Students, Community, and Cultural Integration, Christine Cyr, oversees the Indigenous Student Centre, leads cultural initiatives and has taken over management of the Indigenous Student Recruitment team from Student Affairs. In the spring of 2021, Stephanie Scott was hired as the Executive Director of the National Centre for Truth and Reconciliation (NCTR). The planned operationalizing of the research unit is now underway with the hiring of the Academic & Research Director and staffing this unit.

The six projects that are underway to implement the recommendations of the report are project managed by the Director, OVPI, Maria Morrison, with information about their progress available via [a new website](#). Faculty, staff and students continue to be invited to participate in these initiatives.

REPORT OF THE VICE-PRESIDENT (ACADEMIC) AND PROVOST

- Nazim Cicek, biosystems engineering, was presented the Glen Downing Fellow Award for outstanding and extraordinary qualifications and experience in the field of agricultural, food, and/or biological engineering by the Canadian Society for Bioengineering/La Société Canadienne de Génie Agroalimentaire et de Bioingénierie (CSBE/SCGAB).
- Fuji Jian and Digvir Jayas, biosystems engineering, both received the John Ogilvie Research Award for outstanding contributions to research, in any field of research relevant to CSBE/SCGAB.
- David Lobb, soil science, received the Conservation Research Award at the 76th Soil and Water Conservation Society International Annual Conference. The award recognizes SWCS members or teams of members whose research has led to exceptional improvements in soil conservation, water conservation, and/or related natural resources research.
- Kiera Ladner, political studies, spoke at the 20th session of the United Nations Permanent Forum on Indigenous Issues regarding her CRC initiative on Indigenous women and governance.
- Esyllt Jones, history, was named President of the Canadian Society for the History of Medicine for a two-year term (2021-2023).
- Gigi Osler, otolaryngology and surgery, received the 2021 May Cohen Equity, Diversity and Gender Award from the Association of Faculties of Medicine of Canada.
- Marcia Anderson, health sciences, received the Royal College of Physicians and Surgeons of Canada's 2021 Dr. Thomas Dignan Indigenous Health Award. This honour recognizes devotion to Canadian Indigenous rights and the pursuit of justice for Canada's Indigenous Peoples.
- Moni Fricke, Lisa Urban, and Roland Lavalée, physical therapy, were honored by the Canadian Physiotherapy Association with centenary medals of distinction to individuals who have had a significant impact on the physiotherapy profession.
- Ming-Ka Chan, pediatrics and child health, received the 2021 Royal College/Associated Medical Services Donald Richards Wilson Award. The award recognizes excellence in integrating CanMEDS roles into

Royal College or other health-related training programs. CanMEDS is a physician education framework that provides a foundation of competencies for all medical practitioners in Canada. This is the first time the award has been given to a medical educator in Manitoba.

- Charles Hatfield, German and Slavic Studies student, won the Best Graduate Student Paper Award at the Annual Meeting of the Canadian University Teachers of German. Charles received the award for the paper *Nscho-tshi Who? The Lack of Research on Fictional Characters Representing Indigenous Women in Nineteenth Century "Indianergeschichten"*. This is the fifth major national award for UM German & Slavic Studies students in the last decade, making the German program the most successful M.A. program in Canada.
- Tara Horrill and Anisa Isse, nursing students, had the opportunity to speak to Members of Parliament about being a nurse during the COVID-19 pandemic.
- Daniel Schwade Araujo, kinesiology and recreation management student from Brazil, is one of four Vanier Scholars welcomed to UM this year. He will begin Ph.D. studies in applied health sciences. His research focuses on the prevention and treatment of frailty and cardiovascular disease in older adults.
- Tracy Charette Fehr, Master of Fine Arts student, opened the Heartbeat of a Nation exhibition at the Winnipeg Art Gallery on August 20.
- On July 19, 2021 the Richardson Centre for Functional Foods and Nutraceuticals (RCFFN) was approved for a license under the Safe Food for Canadians Regulations (SFCR) authorizing the RCFFN to mill and air-classify grains and oilseeds for human consumption across Canada. SFCR registration will strengthen relationships between researchers and industry and enhance the RCFFN's mission to advance food quality and human nutrition.
- The Faculty of Agricultural and Food Sciences received \$2,499,565 in Digital Agriculture funding from Western Economic Diversification to advance agricultural research and training capacity for students in collaboration with industry partners. This will be supported through the development and adoption of Digital Smart Farm technology, while maximizing knowledge transfer from academia to industry. This project also has funding from partners with interests in crop and soil management, sustainability and precision agriculture in Western Canada.
- On June 21, 2021, in Honour of National Indigenous Peoples Day, The National Film Board of Canada, the Winnipeg Art Gallery, and the Decolonizing Lens presented the premiere screening of Kevin Settee's *The Lake Winnipeg Project* documentary series, followed by a water-protector discussion panel with Kevin Settee and community representatives Kailey Arthurson (Fisher River), Marcel Hardisty (Camp Morningstar), Ivy Canard (Sagkeeng) and Waylon Bittern (Poplar River). The Lake Winnipeg Project is a four-part documentary series that calls attention to stories of ingenuity and resilience in four diverse communities surrounding Lake Winnipeg, at a time when many external forces are imposing change.
- The Decolonizing Lens is a film series co-organized by Jocelyn Thorpe, Women's and Gender Studies, and Kaila Johnston, National Centre for Truth and Reconciliation, that brings together Indigenous filmmakers, their films, and their audiences. The series is being sponsored by the Margaret Laurence Endowment Fund, Women's & Gender Studies, and the National Centre for Truth and Reconciliation.

- The Max Rady College of Medicine recently held its first-ever Leadership Curriculum program, helping to prepare fourth-year medical students to be leaders when they enter their residencies and then move into careers as physicians. The 30-hour program, which took place between April 19 and May 7, was facilitated by faculty members and resident physicians. Session topics ranged from interprofessional collaboration to emotional intelligence to leading in an intercultural environment.
- Students in their final year of the respiratory therapy program officially completed the program four weeks early, in order to assist with the needs created by the COVID-19 pandemic. All 16 students in the bachelor's degree program were hired early, mostly in Winnipeg, where demand had been high for several months.

REPORT OF THE VICE-PRESIDENT (RESEARCH AND INTERNATIONAL)

- At this time, research at the University of Manitoba (UM) is continuing within the labs as well as remotely to the extent possible in compliance with the provincial Public Health Guidelines. Details on the current COVID-19 guiding principles, processes for requesting access and preventative measures are available in the updated [Researcher FAQs section of the COVID-19 webpage](#).
- On July 5, two UM projects received more than \$3.7 million in funding from Western Economic Diversification Canada. The two projects are:
 - **Digital Agriculture**, receiving \$2,499,565 to advance agricultural research and training capacity for students in collaboration with industry partners. This will be supported through the development and adoption of Digital Smart Farm technology, while maximizing knowledge transfer from academia to industry. This project also has funding from partners with interests in crop and soil management, sustainability and precision agriculture in Western Canada. The total project cost is \$5,005,971. This project is under the leadership of Dr. Martin Scanlon, Dean, [Faculty of Agricultural and Food Sciences](#).
 - **Lab2Market**, receiving \$1,233,500 to develop and deliver the Lab2Market initiative in Manitoba to enhance research commercialization performance. This will increase technology transfer activities and expedite training of graduate students, post-doctoral fellows, and researchers to help them commercialize their innovations efficiently. This project also has funding from MITACS, North Forge Technology Exchange, Ryerson University, Dalhousie University, Memorial University of Newfoundland, and the University of Manitoba. The total project cost is \$2,504,600. This project is under the leadership of Dr. Darren Fast, Director, [Partnerships & Innovation](#).
- On July 15, UM welcomed two Banting Postdoctoral Fellows to its ranks and four doctoral students awarded Vanier Scholarships. Banting postdoctoral fellows are the best postdocs in the world. The recipients are top-tier postdoctoral talent, nationally and internationally. This award positions Banting Fellows to succeed as research leaders. Only seventy fellowships are awarded across Canada annually, valued at \$140,000 over two years. Vanier Scholarships are awarded to Canada's top doctoral students, each receiving \$150,000 over three years towards their research. These four new Vanier Scholars join 37 others who have been awarded to UM doctoral students over the past 13 years, bringing the total to 41 UM Vanier Scholars.

The Banting Fellows are:

- [Dr. Phil Grayson](#) (Biological Sciences) who will undertake research titled “The functional and evolutionary consequences of within-species variability in DNA composition of an ancient jawless fish.”
- [Dr. Lauren Kepkiewicz](#) (Sociology & Criminology) will undertake research titled “Building relations across difference through food sovereignty in the Canadian Rockies.”

The Vanier Scholars are:

- [Daniel Schwade Arujo](#) (Kinesiology & Recreation Management) will undertake a PhD in Applied Health Sciences. His research examines the metabolomics of frailty and cardiovascular health in older females.
 - [Anne Manson](#) (Food & Human Nutritional Sciences) will study how dietary fat influences sex differences in the formation of bioactive molecules in the heart.
 - [Felicia Masenu](#) (Anthropology) will study gender (in)equality and women’s movements in Ghana.
 - [Karli Rapinda](#) (Clinical Psychology) will examine how language and type of substance impact substance use stigma and blame.
- On July 22, Genome Canada and Genome Prairie announced \$6.7 million in funding to the UM team of researchers led by Dr. Gary Stern and Canada Research Chair Dr. Eric Collins (Environment and Geography), to evaluate monitored natural microbial biodegradation as a reliable response to oil spills in ice laden Arctic marine environments. This project titled GENICE II is a Large Scale Applied Research Project involving a multidisciplinary research team and collaborators in Inuit communities as well as at McGill University and the National Resource Council of Canada.
 - One hundred and twenty-eight research projects led by sixty-nine PIs received a total of \$13,025,389 in grant funding from a variety of sponsors. Those projects receiving more than \$25,000 are:

PI	Sponsor	Title	Awarded Amount
Alley, Karen (Centre for Earth Observation Science)	NSERC Discovery Grant	Investigating the boundaries of glaciology	\$150,000
Alley, Karen (Environment & Geography)	Research Manitoba - New Investigator Operating Grant	Using remote sensing to determine the drivers of change on Sydkap glacier, Southern Ellesmere Island	\$46,200
Aluko, Rotimi (Food and Human Nutritional Sciences)	NSERC RTI	FPLC system for bioactive peptides research	\$111,915
Archibald, Mandy (Nursing)	Research Manitoba - New Investigator Operating Grant	A living lab for pediatric development and rehabilitation research: Innovating on integrated knowledge translation for family-centered care	\$130,000
Bakker, Matthew (Microbiology)	Research Manitoba - New Investigator Operating Grant	Developing a novel biosensor for trichothecene mycotoxins	\$50,000
Balci, Fuat (Biological Sciences)	NSERC Discovery Grant	Neural basis of magnitude representations and metric error monitoring in mice	\$235,000

Barber, David (Centre for Earth Observation Science)	NSERC Discovery Grant	Dynamic and thermodynamic processes of snow covered sea ice	\$255,000
Barber, David (Centre for Earth Observation Science)	NSERC Northern research supplement	Dynamic and thermodynamic processes of snow covered sea ice	\$75,000
Belmonte, Mark (Biological Sciences)	NSERC Discovery Grant	Understanding the Brassica napus - Sclerotinia sclerotiorum pathosystem	\$275,000
Bolton, Shay-Lee (Psychiatry)	Health Sciences Centre Foundation	An evaluation of virtual mental health treatment during a pandemic: A cohort study	\$69,885
Brink, Kirstin (Geological Sciences)	NSERC Discovery Grant	Evolution, development, and ecology of biomineralized tissues	\$190,000
Chopek, Jeremy (Physiology & Pathophysiology)	Neilsen (The Craig H.) Foundation	Identifying a spinal source for integrating & improving locomotor and sympathetic systems after SCI	\$331,188
Collister, David (Internal Medicine)	Kidney Foundation of Canada	Responsiveness of uremic symptoms to dialysis (RESET-DIALYSIS)	\$130,000
Cunha Cordeiro, Marcos (Animal Science)	NSERC Discovery Grant	Beef production in the Canadian prairies: Prospects of feed availability under climate and land use change	\$125,000
De Oliveira Jayme, Bruno (Curriculum, Teaching and Learning)	SSHRC Partnership Engage Grant	Hacking the Children's Museum: Illuminating middle years social studies curriculum in permanent exhibitions	\$25,000
Decker, Kathleen (Community Health Sciences)	CIHR Fellowship	Implementation and evaluation of the CAPTAIN trial: development of a change management approach and economic evaluation	\$35,000
Decker, Kathleen (Community Health Sciences)	CIHR Fellowship	The CANcer PaTient Assist In Navigation (CAPTAIN) Stepped wedge cluster trial	\$35,000
Deconinck, Wouter (Physics and Astronomy)	CFI John R. Evans Leaders Fund	Subatomic physics detector development infrastructure	\$86,255
Deconinck, Wouter (Physics and Astronomy)	Research Manitoba - John R. Evans Leaders Fund	Subatomic physics detector development infrastructure	\$43,127
Deconinck, Wouter (Physics and Astronomy)	NSERC Subatomic physics	Canadian participation in the electron ion collider	\$147,000
Detwiler, Jillian (Biological Sciences)	NSERC Discovery Grant	Parasite-modified behaviour in freshwater systems: Context dependence and the ecological role of signaling molecules	\$140,000
Dhingra, Sanjiv (Physiology & Pathophysiology)	NSERC Discovery Grant	Rational design, synthesis and immunocharacterization of next-generation biomaterials	\$165,000
Dolinsky, Vernon (Pharmacology and Therapeutics)	Children's Hospital Research Institute of Manitoba (CHRIM)	The role of SIRT3 deficiency in the development of gestational diabetes	\$49,867
Drogemoller, Britt (Biochemistry and Medical Genetics)	Health Sciences Centre Foundation	Harnessing genomic data to guide the development of personalized treatments to prevent the neurotoxic effects of chemotherapy	\$70,000

Drogemoller, Britt (Biochemistry and Medical Genetics)	Research Manitoba - New Investigator Operating Grant	Investigating the relationship between drug-induced changes in gene expression in the inner ear and hearing loss caused by chemotherapeutic treatments	\$130,000
Durkin, Paul (Geological Sciences)	CFI John R. Evans Leaders Fund	Flood impacts research system	\$121,584
Durkin, Paul (Geological Sciences)	Research Manitoba - John R. Evans Leaders Fund	Flood Impacts Research System	\$60,792
Erkinbaev, Chyngyz (Biosystems Engineering)	NSERC Discovery Grant	Understanding the mechanisms of pulse microstructural transformation under thermal treatments	\$140,000
Fiorillo, Graziano (Civil Engineering)	NSERC Discovery Grant	Multi-hazard probabilistic risk assessment of bridge networks in cold regions	\$130,000
Fraser, Kevin (Biological Sciences)	U.S. Fish & Wildlife Service/Department of the Interior	Migration ecology and carry-over effects on productivity in Cackling Geese (<i>Branta Hutchinsii</i>) and Sub-Arctic Breeding Canada Geese (<i>Branta Canadensis</i>)	\$50,807
Funk, Laura (Sociology)	SSHRC Insight Grant	Strengthening unpaid care mobilization in Canada's social welfare state	\$187,853
Gao, Xiaopeng (Soil Science)	Research Manitoba - New Investigator Operating Grant	Exploring mechanisms controlling spring-thaw nitrous oxide emissions from croplands in Manitoba	\$50,000
Gibson, Spencer (Biochemistry and Medical Genetics)	NSERC Discovery Grant	Role of LC3 binding proteins in regulating autophagy mediated cell survival and death	\$210,000
Giuliano, Ryan (Psychology)	NSERC Discovery Grant	Establishing a neural signature of acute stress reactivity	\$140,000
Gole, Aniruddha (Electrical and Computer Engineering)	Mitacs Elevated Postdoctoral fellowship	Ensuring stability and accuracy of multi-rate electromagnetic transient simulation	\$60,000
Gordon, Joseph (Nursing)	Children's Hospital Research Institute of Manitoba (CHRIM)	Molecular regulation of insulin sensitivity in skeletal muscle: The role of altered mitochondrial quality control	\$50,000
Greenfield, Haskel (Anthropology)	SSHRC Insight Grant	Provisioning early complex society in the southern Levant: domestic livestock production, management (mobility, feeding and watering), and transport during the early Bronze Age	\$393,960
Greening, Steven (Psychology)	NSERC Discovery Grant	Cognitive neuroscience approach to understanding emotion regulation	\$165,000
Gwinner, Gerald (Physics and Astronomy)	NSERC RTI	High bandwidth power supplies for optical pumping of francium atoms for atomic parity violation studies	\$68,357
Gwinner, Gerald (Physics and Astronomy)	NSERC RTI	Absolute nuclear charge radii via EUV spectroscopy at an electron beam ion trap	\$150,000
Haigh, Jody (Pharmacology and Therapeutics)	CFI John R. Evans Leaders Fund	An integrated in vivo imaging Platform for translational cancer research	\$160,000
Haigh, Jody (Pharmacology and Therapeutics)	Research Manitoba - John R. Evans Leaders Fund	An integrated in vivo imaging platform for translational cancer research	\$80,000

Hanesiak, John (Centre for Earth Observation Science)	NSERC Discovery Grant	Summer extreme weather: Improving climatologies, predictions and assessments of future climate	\$180,000
Hitchon, Carol (Internal Medicine)	McGill University Health Centre	Safety immUnogenicity of COVID-19 vaCcines in systEmic ImmunE mediated inflammatory Diseases (SUCCEED)	\$168,947
Hu, Pingzhao (Biochemistry and Medical Genetics)	Health Sciences Centre Foundation	Develop a clinically-driven interpretable artificial intelligence tool for detecting early joint damage in patients with recent onset inflammatory arthritis	\$70,000
Hu, Pingzhao (Biochemistry and Medical Genetics)	Mitacs Accelerate	Deep learning models for compound design	\$90,000
Hu, Pingzhao (Biochemistry and Medical Genetics)	NSERC Discovery Grant	Flexible and robust deep learning models for integrative analysis of single-cell RNA sequencing data	\$210,000
Keijzer, Richard (Surgery)	Children's Hospital Research Institute of Manitoba (CHRIM)	Precision prenatal microRNA therapy with nanoparticles: A proof of concept study	\$49,579
Khoshdarregi, Matt (Mechanical Engineering)	Mitacs Accelerate Internship (Cluster)	Vison-based frameworks for automated robotic machining of aerospace composite panels	\$160,000
Kuffert, Leonard (History)	SSHRC Insight Grant	House pride and skill hunger: Hobbyist Woodworking in twentieth century print and broadcast media	\$42,651
Kumar, Ayush (Microbiology)	NSERC Discovery Grant	Determining physiological role(s) of resistance-nodulation-division efflux pumps of acinetobacter baumannii	\$290,000
Kuzyk, Zou Zou (Centre for Earth Observation Science)	NSERC RTI	Automatic water samplers and salinometer for Arctic coastal oceanography research and training	\$124,367
Labouta, Hagar (Pharmacy)	NSERC RTI	Nanoparticle tracking analysis platform for in vitro characterization of engineered and natural nanoparticles in biological fluids	\$145,222
Larson, Paul (Supply Chain Management)	SSHRC Knowledge Synthesis Grant	Assessing the impact of modal shifts and electrification on mobility and the environment – before, during and after the pandemic	\$29,910
Leblanc, Alexandre (Statistics)	NSERC Discovery Grant	Nonparametric statistics and sports analytics	\$90,000
Lin, Francis (Physics and Astronomy)	NSERC Discovery Grant	Investigation of immune cell trafficking in complex cellular environment	\$290,000
Lindsey, Benjamin (Human Anatomy and Cell Science)	CFI John R. Evans Leaders Fund	Teleost center for development and repair to study the mechanisms of neural stem/crest cells in health and disease	\$334,956
Lindsey, Benjamin (Human Anatomy and Cell Science)	Research Manitoba - John R. Evans Leaders Fund	Teleost Center for Development and Repair to study the mechanisms of neural stem/crest cells in health and disease	\$167,478
Lindsey, Benjamin (Human Anatomy and Cell Science)	Research Manitoba - New Investigator Operating Grant	Uncovering the regulators promoting successful neural repair following brain injury	\$129,750

Linovski, Orly (City Planning)	SSHRC Knowledge Synthesis Grant	Equity and justice in public transit	\$27,880
Lix, Lisa (Community Health Sciences)	CIHR Fellowship	Mental disorders risk prediction using objectively measured family health histories: A multigenerational linkage study	\$110,000
Logue, Susan (Human Anatomy and Cell Science)	CFI John R. Evans Leaders Fund	Functional characterisation of the unfolded protein response in triple negative breast cancer	\$150,099
Logue, Susan (Human Anatomy and Cell Science)	Research Manitoba - John R. Evans Leaders Fund	Functional characterisation of the unfolded protein response in triple negative breast cancer	\$75,049
Louis, Deepak (Pediatrics and Child Health)	Children's Hospital Research Institute of Manitoba (CHRIM)	Evaluating the impact of preterm birth on parents across Canada: A mixed-method research study (EIPOP study)	\$42,150
Lu, Lei (Accounting and Finance)	SSHRC Insight Grant	Forward premium puzzle, international stock returns, and heterogeneous beliefs	\$72,240
MacKay, Dylan (Community Health Sciences)	Kidney Foundation of Canada	Dietary potassium liberalization in pre-dialysis patients	\$148,437
Mai, Sabine (Physiology & Pathophysiology)	Prostate Cancer Fight Foundation	Lamin A/C protein disruption to kill cancer cells	\$91,600
Marini Marson, Juliana (Centre for Earth Observation Science)	NSERC Discovery Grant	Polar ocean responses and feedbacks to a rapidly changing climate	\$125,000
Markham, John (Biological Sciences)	NSERC Discovery Grant	Ecosystem engineers in the subarctic	\$140,000
McKinnon, Lyle (Medical Microbiology and Infectious Diseases)	SSHRC New Frontiers Research Fund Exploration	Contextualizing the ethical implications of HIV molecular epidemiology: A critical knowledge exchange project	\$200,000
Moghadasian, Mohammed (Food and Human Nutritional Sciences)	NSERC Discovery Grant	An Investigation of the mechanisms of action for the effects of dietary phytosterols and Saskatoon berries on physiologic cholesterol and glucose metabolism in experimental mice: The crosstalk between gut microbiota and functional foods	\$140,000
Moussavi, Zahra (Electrical and Computer Engineering)	Mitacs Accelerate	Developing an unbiased robust algorithm for objective diagnostic classification of most common types of dementia	\$45,000
Myal, Yvonne (Pathology)	NSERC Discovery Grant	The Mouse submandibular gland protein (mSMGP): Delineating the multifunctional roles	\$140,000
Paliwal, Jitendra (Biosystems Engineering)	NSERC Discovery Grant	Optical techniques for quality monitoring and preservation of cereal grains and legumes	\$180,000
Pascoe, Chris (Physiology & Pathophysiology)	Research Manitoba - New Investigator Operating Grant	The maternal exposome contributes to the developmental origins of chronic obstructive pulmonary disease	\$130,000
Perry, Adele (Centre for Human Rights Research)	SSHRC Knowledge Synthesis Grant	Missing the bus: Indigenous women, two-spirit people and public transit in Western Canada	\$29,144

Rastegar, Mojgan (Biochemistry and Medical Genetics)	Children's Hospital Research Institute of Manitoba (CHRIM)	Characterizing novel RTT: Associated target genes using clinically relevant model systems	\$50,000
Rastegar, Mojgan (Biochemistry and Medical Genetics)	Ontario Rett Syndrome Association (ORSA)	Targeting the molecular and structural abnormalities of brain cells for Rett Syndrome	\$50,000
Roos, Leslie (Psychology)	Children's Hospital Research Institute of Manitoba (CHRIM)	SPYKids: The development and evaluation of single-session psychotherapy for young kids through patient engagement techniques	\$50,000
Saleem, Ayesha (Kinesiology and Recreation Management)	CFI John R. Evans Leaders Fund	Extracellular vesicles in health and disease	\$160,000
Saleem, Ayesha (Kinesiology and Recreation Management)	Research Manitoba - John R. Evans Leaders Fund	Extracellular vesicles in health and disease	\$80,000
Sampson, Christopher (Mike) (Classics)	SSHRC Insight Grant	The books of Karanis	\$94,626
Schippers, Eric (Mathematics)	NSERC Discovery Grant	Differential and integral operators on Riemann surfaces and the geometry and algebra of sewing	\$90,000
Sellers, Elizabeth (Pediatrics and Child Health)	Children's Hospital Research Institute of Manitoba (CHRIM)	Renal disease in childhood onset type 2 diabetes	\$31,201
Sharif, Tanveer (Pathology)	NSERC Discovery Grant	Understanding the role of pyruvate metabolism-dependent signaling networks in the differentiation of neural stem cells	\$150,000
Singh, Harminder (Internal Medicine)	Canadian Association of Gastroenterology	Physical activity prescription for individuals with quiescent IBD	\$40,000
Starzyk, Katherine (Psychology)	SSHRC Insight Grant	The Canadian reconciliation barometer: Understanding, measuring progress toward, and creating interventions to promote reconciliation in Canada	\$293,090
Stobart, Jill (Pharmacy)	CFI John R. Evans Leaders Fund	A functional imaging suite for interrogation of neural networks	\$332,341
Stobart, Jill (Pharmacy)	Research Manitoba - John R. Evans Leaders Fund	A functional imaging suite for interrogation of neural networks	\$166,170
Svecova, Dagmar (Civil Engineering)	NSERC Discovery Grant	The use of UHPC in accelerated bridge construction	\$130,000
Thille, Patricia (Physical Therapy)	Research Manitoba - New Investigator Operating Grant	Storying physiotherapy: Exploring fat stigma and clinical care	\$39,955
Thompson, Peter (Physiology & Pathophysiology)	Children's Hospital Research Institute of Manitoba (CHRIM)	Targeting senescent human beta cells as a novel therapy for type 1 diabetes	\$41,596
Thompson, Shirley (Natural Resources Institute)	Mitacs Accelerate	Exploring tourism strategies to drive economic development of Pinawa and build the necessary infrastructure	\$45,000

Torabi, Mahmoud (Community Health Sciences)	NSERC Discovery Grant	Advancing Statistical Models for Complex and Correlated Data	\$120,000
Turgeon, Max (Statistics)	McMaster University	“Unlocking the Gate” to targeted drug delivery: Understanding sulfated glycosaminoglycan binding of peptide-derivatized DNA nanostructures to predictably improve their cytosolic delivery	\$40,000
Turgeon, Max (Statistics)	NSERC Discovery Grant	Dimension Reduction and Complex High-Dimensional Data	\$90,000
Wang, Shaowei (Computer Science)	NSERC Discovery Grant	Effectively managing and leveraging crowdsourced knowledge for software engineering	\$170,000
Waterman, Jane (Biological Sciences)	NSERC Discovery Grant	Sociality and reproductive tactics in ground-dwelling squirrels: cooperation, tolerance and reproductive skew	\$165,000
Wilkins, Olivia (Biological Sciences)	CFI John R. Evans Leaders Fund	Climate change resilience plant systems biology laboratory	\$160,000
Wilkins, Olivia (Biological Sciences)	Research Manitoba - John R. Evans Leaders Fund	Climate change resilience plant systems biology laboratory	\$80,000
Wright, Galen (Pharmacology and Therapeutics)	Brain Canada Foundation	Investigation of DNA damage response as a genomic modifier in Rett syndrome	\$100,000
Wu, Nan (Mechanical Engineering)	NSERC Discovery Grant	Development of Advanced Technologies for Structural Damage Identification and Prediction	\$160,000
Yuan, Qiuyan (Civil Engineering)	Research Manitoba - Innovation Proof-of-Concept	Innovative In-line Phosphorous Removal and Recovery (IPRR) systems	\$100,000

REPORT OF THE VICE-PRESIDENT (INDIGENOUS)

- Ruth Shead, Director of Indigenous Engagement and Communication has added new positions, Events Manager and Administrative Assistant, to their quickly growing team. She has spearheaded a Learning Hub pilot in partnership with Interlake Reserves Tribal Council and is close to securing a \$15 million, 5-year partnership with the Mastercard Foundation. The Learning Hub will be the first of several that UM and the Manitoba Collaborative Indigenous Education Blueprint partners will establish in communities that will allow Indigenous students living on reserve and in remote Métis settlements to pursue post-secondary education from their home community.
- Eight projects received a total of \$350,514 in funding through the [Indigenous Initiatives Fund \(IIF\)](#). The IIF is open to faculties, schools, colleges, libraries and administrative units to support unit-based projects that further the Indigenous engagement and achievement goals and priorities.
- [Indigenous Connect](#) (formerly Indigenous Awareness Committee) brings together Indigenous staff, faculty, student leaders and allies monthly to discuss Indigenous-focused initiatives, events, programming, opportunities, research and matters of importance. Every meeting consists of a

presentation on work happening at UM that aligns with the UM's strategic priorities, the TRC Calls to Action, the MMIWG2S Calls to Justice, Indigenous Initiatives Fund, and/or meets one of the Manitoba Collaborative Indigenous Education Blueprint commitments.

- A [monthly newsletter](#) also allows anyone to stay engaged with the Indigenous community at UM and receive updates on professional and academic opportunities, events and colleague connections.
- The Federal Pre-Budget Submission 2022 has been submitted.
- Minister of Indigenous Services, Marc Miller and Mr. Terry Duguid met with NCTR Executive Director, Stephanie Scott on August 4th, 2021 along with Elder Bone, Elder Paynter and Dr. Digvir Jayas. AMC Grand Chief Dumas acknowledged his support for the NCTR's request for a new building and sustained federal funding.
- A Land Blessing Ceremony for the future home of The National Centre for Truth and Reconciliation was held on August 12th, 2021 at the Southwoods lands at UM. On September 8, 2021, Stephanie Scott visited Tk'emlúps te Secwepemc First Nation in Kamloops, BC and met with Chief Casimir and team.
- Between September 2020-2021, the NCTR education unit held over 106 presentations and events and engaged with 130 diverse speakers. In March of 2021, Robin Neckoway was awarded the first Malcolm and Catherine Dewar Truth and Reconciliation Fellowship for his research on archival records and hydro development.
- The Centre launched the teacher resource database which has over 500 resources on residential schools and closely related topics.
- The NCTR is in the process of re-establishing statement gathering activities to collect statements from Survivors of residential schools.
- The Canadian government, through Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC), pledged to provide \$3 million to the NCTR for the second phase of the Missing Children Project. The funding will support three new positions at the NCTR for this project as well as a contract research team to help review the archival holdings and identify more of the children who never returned home from residential school.
- Canada Foundation for Innovation grant valued at \$6,007,864 will support key initiatives that help us continue to decolonize our data, make it more accessible to Survivors and the public, and use the archives as an agent for social change.
- NCTR Archives received 296 Survivor Inquiries in 2019/20 (compared to 91 Survivor Inquiries in 2018/19).
- On September 1, 2020, the NCTR, Parks Canada and the federal Minister of Environment and Climate Change formally announced the designation of the Residential School system as an "event of national historic significance". The NCTR nominated the Residential School System for consideration by the Historic Sites and Monuments Board of Canada, and its nomination reflects the input of Survivors from across the country.

- Out of the designation of the Residential School system as an “event of national historic significance”, the Na-mi-quai-ni-mak (“I remember them”) Community Support Fund was redesigned to provide grants to Survivor groups and communities working on commemoration projects, in accordance with Call to Action 79. Na-mi-quai-ni-mak was also envisioned as a way to help Survivors and their communities gather and heal. Survivors make up the Regional Advisory Circle and determine which projects will receive funds.

To date, 18 out of 29 applications for funding grants have approved for grants.

- UM commemorated the 150th anniversaries of Treaty 1 and Treaty 2 this summer. On July 30, the Treaty No. 1 flag was raised at Fort Garry campus and will remain a permanent fixture.
- OVPI and NCTR hosted A Discussion on Treaties on August 24.
- Students from Treaty 1 and Treaty 2 territories did “Instagram Takeovers” on the anniversaries (Aug. 3 & 21) to share information about their cultures, traditions and the histories of the treaties.
- In 2021, the Verna J. Kirkenss Science and Engineering program was delivered virtually.
- [Indigenous Scholars Speaker Series](#) features monthly speakers highlights the research and expertise of Indigenous scholars at the UM.
- Upcoming events include Indigenous Student Orientation (September), the Annual Elders & Traditional Peoples Gathering (spring 2022) and the Annual Graduation Pow Wow (spring 2022).
- Truth and Reconciliation Week – Programming all week (September 27 – October 1, 2021)
 - National Broadcast with APTN and CBC.
 - National Day for Truth and Reconciliation – September 30th, 2021
 - ‘Light the Country Orange’ – Letters have gone out to Provinces, Cities and Federal Govt. and other organizations.
 - Unveiling of the Survivors and children who never returned home flag - working with Canada and Indigenous communities on a simultaneous ceremony. NCTR engaged 30+ Survivors across Canada on a flag design in honour of Survivors and the children who never returned home. NCTR worked with Survivors and a Métis artist on the design and will create an online exhibit explaining the meaning of the design.
 - Imagine a Canada, a youth arts and leadership initiative, will be launched for students in K-G12 and CEGEP.
- Health Canada partnered with the NCTR to create a national learning event for federal employees is hosting a virtual discussion on September 14th, 2021 with residential school survivors and Indigenous artists. The successful partnership with Health Canada has resulted in the inclusion of NCTR in their annual giving campaign.
- Every Child Matters: Reconciliation through Education has won the intermedia-globe Gold Award and The Special Award “Hand in Hand” from the World Media Festival and has been nominated for the 2021

Best Children's or Youth Non-Fiction Program or Series, and the Every Child Matters Team (Insight Productions LTD and CBC) received the 2021 Canadian Screen Award for Best Picture, Editing, Factual.

- **Indigenous Awards of Excellence** recipients will be honoured with a Blanket Ceremony in 2022.
 - **Student Trailblazer Award 2021** [Kayla Lariviere, Métis, Faculty of Law](#)
[Jenny Moose, member of Cross Lake \(Pimicikamak\) First Nation, I.H. Asper School of Business](#)
 - **Student Community Builder Award** - [Kaitlin Fosseneauve, Cree and Métis, Faculty of Education](#)
[Dylan Kensick, Anishinaabe from Sagkeeng First Nation, Clayton H. Riddell Faculty of Environment, Earth, and Resources](#)
 - **Student Outstanding Achievement Award**
[Jesse McGregor, member of both Norway House and Misipawistik Cree Nations, Rady Faculty of Health Sciences](#)
[Alexandra Philipott, Métis, Faculty of Law](#)
 - **Staff and Faculty Trailblazer Award**
[Staff – Laura Forsythe, Métis, Métis inclusion coordinator for the Indigenous Student Centre](#)
[Faculty – Dr. Kyle Bobiwash, member of Mississauga First Nation, department of entomology, Faculty of Agricultural and Food Sciences](#)
 - **Staff and Faculty Community Builder Award**
[Staff – Moneca Sinclair, member of Opaskuiak Cree Nation, College of Nursing, Rady Faculty of Health Sciences](#)
[Faculty – Elder Margaret Lavallee, member of Sagkeeng First Nation, Ongomiizwin – Indigenous Institute of Health and Healing, Rady Faculty of Health Sciences](#)
- The Canadian Council for the Advancement of Education awarded Indigenous Engagement and Communications the bronze medal in the category “Best Indigenous Relations Initiative” at the 2021 Prix d'Excellence.

REPORT OF THE VICE-PRESIDENT (ADMINISTRATION)

- The Office of Risk Management is engaged with Manitoba Justice to operationalize an Institutional Safety Officer Program (ISO) for the University. This program aims to create an official appointment under The Police Services Act that provides security guards at designated institutions with the legal authority to enforce certain provincial enactments and to perform prescribed duties under those enactments; define peace officer status; and standardize minimum training qualifications. Only security guards at hospitals and designated post-secondary institutions can receive the designation. This enhancement ultimately improves governance, training, and service delivery for the University community.
- The Office of Risk Management is also working with the Office of Research Services to draft an Off Campus Policy and Procedure, the intent of which is to mitigate the various risks that University staff and students may be exposed to while traveling to sponsored activities off campus. As outlined within the current draft, “The University of Manitoba has a duty of care to provide a safe workplace for Students, Academic Staff, and Support Staff; this duty encompasses Sponsored Activities that take place

off-campus”. “The reason for this policy is to set consistent, University-wide standards and expectations with respect to Sponsored Activities and any travel associated with such Sponsored Activities, while ensuring the University meets its duty of care to its Students, Academic Staff, and Support Staff”.

- Units within the portfolio of the Vice-President (Administration) are working towards a Reconciliation Action Plan setting out our commitment to the Principles of Reconciliation as outlined by the Truth and Reconciliation Commission. In addition to being in line with the Truth and Reconciliation Commission’s Calls to Action, this work is in line with the overall goals of the Indigenous Senior Leadership Committee, including Recommendation 3.1, which calls for faculties to create Reconciliation Action Plans.
- Under the leadership of the Vice-President (Administration), the University has become a signatory of the Government of Canada’s 50-30 Challenge. The purpose of the challenge is to improve access for racialized persons, people who identify as LGBTQ2, people living with disabilities, as well as First Nations, Inuit and Métis to positions of influence and leadership on corporate boards and in senior management. As a signatory, the University will be able to use the 50-30 Challenge framework to accelerate diversity actions that are already taking place within the institution.
- Based on the success of the Winter 2021 pilot project, the Office of Human Rights and Conflict Management (OHRCM) will continue with the Student Educator Program. The OHRCM is currently hiring two students from under-represented backgrounds to assist with the research and development of student-relevant educational tools and resources on issues of diversity, equity and human rights.
- On July 30, 2021, the Supreme Court of Canada issued its decision in the *Access Copyright v. York University* case, which has been ongoing for nearly a decade. The Supreme Court held that the copyright tariffs that Access Copyright was attempting to enforce against York were not mandatory, and that copyright clearance may be done via a variety of alternative methods. The Supreme Court declined to determine the fairness of York’s Fair Dealings Guidelines, but did comment on interpretational deficiencies in the analyses which found the Guidelines to be unfair. It is anticipated that the University and College sectors will now undertake individual or coordinated reviews of their copyright Guidelines in consideration of this decision.
- The Legal Office is supporting activities relating to UMFA Collective Bargaining.
- Human Resources (HR) hosted the University’s first virtual learning and wellness event, “THRIVE”, which was created to support employees and help them to connect with others, and to learn and grow - individually, operationally, and in their leadership skills. The aim was that all participants would leave THRIVE with a new skill or with resources to make their remote work less challenging.
- The inaugural THRIVE week was held on June 22 to 24, and included 35 events running through three concurrent learning streams. The individual stream focused on supporting employees’ well-being in all areas of wellness, and included sessions on mindfulness, creativity and resilience, among many others. The operational stream sought to support employees in enhancing their technological and productivity skills, with sessions such as learning inspiring ways to use Microsoft Teams and getting to ‘inbox zero’. The leading stream focused on skill-building for people-leaders, including interactive forums for discussion, as well as topics such as virtual onboarding and remote team building. Feedback from THRIVE was overwhelmingly positive, and about 580 employees participated in one or more sessions.

- The UM Management Fundamentals Program was offered in an online, week-long summer intensive format from August 16 to 20. Facilitated by Learning and Organizational Development, Human Resources, the program saw 20 managers and supervisors complete the full certificate program as an intact cohort group. Participants received peer coach training and daily coaching, completed a DiSC personality profile, and practiced daily leadership activities, in addition to the nine skill-building workshops normally offered in the program. Training includes topics relating to staff relations, human resource management, leadership development, and communication skills.
- Learning and Organizational Development, Human Resources, has opened registration for a broad range of training opportunities offered in a synchronous, online learning format this fall. Over 50 workshops and training sessions will be offered between September to December, including a new series of Watch and Learns on topics of interest to the community, a four-part Conflict Series workshop, three certificate programs, and other training that provides a comprehensive foundation of learning for support staff that can be applied to current roles or to prepare employees for future roles at the University.
- Jackie Gruber, Director of Equity, Diversity, and Inclusion (EDI), Rady Faculty of Health Sciences, and Valerie Williams, EDI Facilitator, Human Resources, invited all faculty, staff and students to be a part of the UM Equity, Diversity and Inclusion Community of Practice. This Community of Practice meets monthly to discuss EDI best practices, invites guest speakers for specific topics of interest, and facilitates group discussion around the difficult issues. There are currently 200 members.
- New classroom video conferencing capability is complete for 8 of 21 rooms identified for September. The remaining rooms are planned for completion by the first week of September.
- The Legal Office supported the acquisition of a University-wide Zoom Educational License that can be used by all staff, faculty and students. This license is privacy compliant and has additional security functionality that prevents “Zoom Bombings” for safer and more secure remote teaching and learning experiences. Roll out was set to begin on September 1.
- The Data Warehouse development contract has been signed.
- Office 365 roll out of endpoint software is near completion.
- Service Desk hours were extended in collaboration with the Centre for the Advancement of Teaching and Learning for final exams from August 19 to 21, including a virtual queue management solution to manage walk-in requests for assistance while maintaining public health protocols; and creating, testing, and deploying multiple 0-day fixes for “print nightmare” risks across the University.
- Media events that were supported included the Postgraduate Medical Education Day, Student Recruitment video series and photography, and Treaty 1 Flag Raising ceremony in July. In August, the National Centre for Truth and Reconciliation land blessing ceremony, Recreation Services and Bison Sports photography, multiple recordings with the President, Rady White Coat ceremony, and the Faculty of Law promotional video were supported by Information Services and Technology.
- The 2022-2023 Provincial Estimates Call letter was received on July 26, 2021 with a deadline of September 3, 2021, which was submitted for review and approval by the Board of Governors Executive Committee on August 31, 2021.

- The 2022-2023 Budget Planning and Development was launched with Central, Academic and Ancillary Units in July and August with submission deadlines and budget reviews occurring between September and February. The 2022-2023 Budget submission is expected to go before the Board of Governors in March 2022.

REPORT OF THE VICE-PRESIDENT (EXTERNAL)

- To date we have achieved \$5.3 million in philanthropic funds raised against a target of \$41.8 million for the 2021/22 year.
- Spring Convocation 2021 took place as an online event with degrees, diplomas and non-degree certificates conferred and awarded in June. Over 6,000 participants viewed the sessions, an increase in viewership of approximately 28% compared to the virtual Fall Convocation in 2020.
- Almost 2,000 alumni participated in the alumni programming and magazine survey conducted in June. Participants shared their experiences with virtual programming and events offered by UM over the last 18 months. The majority agreed they have a favourable impression of UM and expressed pride in being a UM alumni. Suggestions for event enhancements were offered as well. A second survey in October will focus on UM brand, website and overall perceptions of the University of Manitoba
- The Alumni Book Club is reading New York Times bestseller *"The Vanishing Half."* The reading of the next book *"From the Ashes"* is planned to include a fireside chat with author Jessie Thistle.
- At the June Alumni Association Annual General Meeting, special tribute was paid to Jeff Lieberman for his many contributions as alumni representative on the Board of Governors and for Alumni Association Board leadership.
- Current COVID-19 Recovery communications have focused on recent vaccination requirement announcements. The UM Today COVID story has been the most viewed weekly article since May 1, 2021. There have been 81,000 pageviews during this period.
- The initial digital student viewbook experience launched earlier in 2021 is being augmented this fall. The student viewbook is a printed and online tool for students to explore all that UM has to offer. Additional digital features such as an interactive quiz and enhanced video will improve the recruitment experience for prospective students.
- UM Intranet migrations continue with multiple departmental sites launching over the next few months. In addition, final migrations from legacy websites to the new umanitoba.ca are occurring. The completion of the Rady College of Medicine's migration this fall will pave the way to fully retire the legacy platform in early 2022.
- From July 1 to August 31, there were 6,525 news stories in media mentioning UM, related chiefly to COVID-19 but also covering breastfeeding and matters concerning Indigenous history and reconciliation. Of the latter, Stephanie Scott, Director of the National Centre for Truth and Reconciliation, and other UM experts, were quoted in national media, and received international press including in the Guardian,

Los Angeles Times and on the BBC, MSN, CNN and ABC news. Comments offered by President Benarroch on the UM vaccination mandate were covered by local television, radio and print media and in national print media.