

PRESIDENT'S REPORT: September 29, 2020

GENERAL

The University of Manitoba has planned carefully for the return to campus for the Fall term, both virtually and physically. The University's [ResUMe 2020/21 Covid-19 Recovery Plan](#) outlines all the processes by which faculties and units will resume limited operations, is based on the advice of provincial health authorities, and reflects five guiding principles:

1. The health and safety of students, staff, faculty and visitors is the overarching priority.
2. All students, staff and faculty will work remotely unless approval has been granted to work on campus.
3. Any activity on campus, whatever its nature, will be carried out while strictly respecting the constraints of public health authorities and in accordance with government guidelines and directives.
4. Recovery of on-campus activities will be gradual and in keeping with the university's stated principles and recovery plan.
5. The university will continue to take into consideration and accommodate special circumstances for students, staff and faculty, including health conditions.

The committee structure that oversees the University's COVID-19 recovery efforts has been reviewed and updated and discussed with Senate. The new COVID-19 Recovery Steering Committee is chaired by Todd Mondor, Deputy Provost (Academic Planning and Programs) and will report to the Provost and Vice-President (Academic) through to the President/President's Executive Team. The Steering Committee will receive recommendations from four teams: Academic, chaired by Mark Torchia, Vice-Provost (Teaching and Learning); Research, chaired by Jay Doering, Associate Vice-President (Research and International); Health and Safety, chaired by Marcia Anderson, Vice-Dean, Indigenous Health, Rady Faculty of Health Sciences; and Operations, chaired by Andrew Konowalchuk, Associate Vice-President (Administration).

The Royal Society of Canada (RSC) announced the election of two UM professors as Fellows of the RSC, Dr. Joan Durrant (Community Health Sciences) and Dr. Thomas Nesmith (History), and Canada Research Chair in Population Health, Dr. Marcelo Urquia (Community Health Sciences/Manitoba Centre for Health Policy) has been elected as member of the RSC's College of New Scholars, Artists and Scientists.

- Durrant is a world-renowned scholar in child maltreatment prevention whose research has revolutionized professional practice and public policy, while also supporting families in their local communities.
- Nesmith has had an impact on scholarship in Canada by leading the transformation of the study of archives from a marginal academic subject into a vibrant body of complex theoretical and applied research.
- Urquia is internationally recognized for his contributions to the reproductive health of immigrants and the social determinants of marginalized groups' health and well-being.

Fellows, members and award winners from across the country will be officially inducted and honoured during the annual Celebration of Excellence and Engagement, Nov. 23-29, in Toronto. The event will be a weeklong scholarly, scientific and artistic exploration combining in-person activities with enhanced digital engagement.

These new inductees bring UM's number to 51 RSC Fellows and 10 Members of the College of New Scholars, Artists and Scientists.

First day enrolment numbers for Fall term, though subject to change, show an increase in overall enrolment from the first day of Fall term 2019 of 2.7 per cent, comprising an increase of 1.4 per cent in full-time enrolment and 3.7 per cent in part time enrolment.

ACADEMIC MATTERS

- Kelsey Wog, plant biotechnology student and UM Bison was named the winner of the 2020 Lieutenant Governor Athletic Awards, as U SPORTS Female Athlete of the Year for the 2019-20 season. She is the second Bison to be named U SPORTS Athlete of the Year, and first since basketball star Terri-Lee Johannesson in 1997.
- Dr. Vanessa Poliquin, obstetrics, gynecology and reproductive sciences, was awarded the Canadian Medical Association Award for Young Leaders (Early Career). Dr. Poliquin is one of two Canadian physicians to receive the award which is given annually to doctors who have demonstrated exemplary dedication and leadership, shown creativity and initiative, and acted as a positive role model for colleagues and peers.
- Arezou Zaresani, economics, was awarded the 2020 Young Economists Award by the International Institute of Public Finance (IIPF). The "IIPF Young Economists Award" was instituted in 2008, with the aim of encouraging young scholars who present their papers at the IIPF Annual Congress.
- Colette Simonot-Maiello, Faculty of Music and the students of MUSC 3084: Romantic Music History, partnered with Scott Miller, Education & Outreach Coordinator, Manitoba Opera, to learn about community engagement. After Scott visited the class to discuss community engagement in the arts and outlined the community projects he develops for Manitoba Opera, the students developed their own community engagement plans for an opera of their choice over the course of the term.
- Grace Nickel, assistant professor, Michael Zajac, sessional instructor and Janine-Annette Littman, MFA candidate, School of Art, were among the winners of the Manitoba Craft Council's Judith Ryan Award 2020 for their collaborative works in Lens Reflex. The Judith Ryan Award is presented as part of the Manitoba Craft Council's regular juried exhibitions to encourage excellence in Manitoba craft.
- MFA graduate Grace Han, School of Art, was short-listed for the Winifred Shantz Award, the highest honour bestowed in ceramics in Canada. This award is administered through the Canadian Clay and Glass Gallery and celebrates artists who have been working in ceramics professionally for ten years or less and show exceptional dedication, quality, and innovation in their practice.

- Faculty member Katherine Boyer, School of Art, was included in an Exhibition of unprecedented scope called Kwaata-nihtaawakihk—A Hard Birth, at the Winnipeg Art Gallery. This exhibition commemorates the 150th anniversary of the founding of the Province of Manitoba. Katherine Boyer was one of four artists commissioned to create new work to be exhibited along-side archival documents, historic objects, and the work of 15 contemporary Indigenous artists. Because of COVID-19 the exhibition was postponed until 2022.
- The Canadian Society of Animal Science recently announced their 2020 award recipients: Martin Nyachoti, Animal Science, received the Technical Innovation in Enhancing Production of Safe Affordable Food; Laurie Connor and Karin Wittenberg were both awarded Honorary Lifetime Memberships.
- Bradley Feltham, Food and Human Nutritional Sciences Ph.D. student, received the Prairie Indigenous Knowledge Exchange Network (PIKE-Net) Graduate Fellowship as well as FGS Doctoral Award for Indigenous Students.
- Joanne Thiessen Martens, Soil Science Ph.D. student, received this year’s Karl Ivarson Scholarship, which is awarded annually to students in soil science and related disciplines.
- Biosystems Engineering students were winners of the 2020 Canadian Society for Bio Engineering (CSBE/SCGAB) awards. George Dyck received the Undergraduate Thesis Award and Navjot Brar Kaur received the Graduate Thesis Award (M.Sc.). Eva Kwok received the Undergraduate Scholarship, which is presented to a student member of the Society with the highest GPA in the preceding semester.
- Max Rady College of Medicine student Jakob Weirathmueller received a Canadian Medical Hall of Fame (CMHF) award. Second-year medical students with an established track record of community leadership, superior communication skills and demonstrated interest in advancing knowledge are recognized with the CMHF award.
- First-year medical students began their journey to becoming doctors after reciting the Physician’s Pledge at this year’s Inaugural Day Exercises and White Coat Ceremony. The 110 members of the Class of 2024 cloaked themselves in their first white coats in keeping with safety protocols and physical distancing during the COVID-19 pandemic.
- A new undergraduate program in Data Science is slated to start in the fall 2021. This program is interdisciplinary; combining a foundation in mathematics, statistics, and computer science with newly developed courses in data science projects from across the disciplinary fields, applications to broad swatches of industry, and a strong coop component.
- Graduate students in Faculty of Science will have the opportunity to participate in a series of interactive workshops on science communication to earn a Certificate of Science Communication. Interactive workshops will inspire students to foster science literacy in communities, which is especially relevant in this time of misinformation.

- A new Faculty of Science Lead for Equity Diversity and Community (EDC) was established and started by leading a survey to poll Science faculty on their EDI (Equity, Diversity and Inclusion) priorities to help guide directions moving forward. EDI seminars will be part of the faculty's regular seminar series going forward, with twice-yearly EDI presentations joining our repertoire of interdisciplinary science, pedagogy, and Indigenous Science talks.
- The new Science Public Online Talk (SPOT) series was launched in May, featuring presentations for a general audience by Science alumni (including our Nobel Prize winner Jim Peebles) and faculty. This series was initiated to create an inclusive and informed science ecosystem, support student engagement, and bring the community together (virtually) during covid-19.
- As part of the new Science Kindness Initiative, which seeks to remind us of all the helping and guiding hands we benefit from each and every day in science and our support for one another, science kindness masks were designed distributed to the faculty and staff.
- The Faculty of Science has launched the Indigenous Wawatay Project, a comprehensive approach to recruiting, retaining and graduating highly motivated Indigenous students. Named the Wawatay (Anishinaabe for Northern Lights) Project is aimed to dramatically change the environment for Indigenous students at both the undergraduate and graduate levels by infusing an appreciation of Indigenous approaches, engaging students in research early and often, and growing their science proficiency.

RESEARCH MATTERS

- At this time, research at the University of Manitoba (UM) is continuing remotely to the extent possible. UM has developed a phased approach to the recovery, cautiously resuming critical research and essential activities on our campuses, while ensuring a strong focus on health and safety. We are currently in Phase 3: September 1 to December 31 (Fall Term). Details on the phased approach for the campus can be found on the webpage [COVID-19 UM Recovery: Resources and Updates](#). Details on the guiding principles, process for requesting access and preventative measures are available in the updated [Researcher FAQs section of the COVID-19 webpage](#).
- In June, five outstanding UM graduate students were awarded 2019 Vanier Canada Graduate Scholarships. These awards, considered the Canadian equivalent of the United Kingdom's Rhodes Scholarships, help recruit and keep in Canada top doctoral students from across the country and around the world. Each recipient will receive \$150,000 over three years towards their research programs. The recipients are:
 - [Javad Alizadeh](#), Human Anatomy & Cell Science, will study how the recycling of old and damaged parts of the cell can control the escape of lung cancer to other organs, thanks to support from the Canadian Institutes of Health Research (CIHR).
 - [Ashley Hayward](#), Peace and Conflict Studies, will begin her project titled: "Incarcerated mother's experience with pregnancy and childbirth: A narrative inquiry," thanks to support from CIHR.
 - [Sarah Turner](#), Community Health Sciences/Children's Hospital Research Institute of Manitoba, will gain an understanding of the link between breastfeeding and child behaviour in the Canadian CHILD birth cohort study, thanks to support from CIHR.

- [Rachel Nickel](#), Physics & Astronomy, will begin her project titled: “Building magnetic nanoparticles to eliminate bacterial biofilms: A common source of hospital acquired infections,” thanks to support from the Natural Sciences and Engineering Research Council of Canada (NSERC).
- [Belal Zia](#), Psychology, will begin his study titled: “Developing an educational intervention to improve treatment seeking attitudes and intentions among Canadian Muslims,” thanks to support from the Social Sciences and Humanities Research Council (SSHRC).

In addition to the five Vanier Scholarships awarded, the federal government also announced the awarding of a total of \$2,205,000 in scholarships to [71 UM master’s and doctoral student researchers](#) through the Canada Graduate Scholarship programs (including Frederick Banting and Charles Best, Alexander Graham Bell, Joseph-Armand Bombardier scholarships, funded by the three granting agencies).

- Professor Tracie Afifi (Community Health Sciences/Psychiatry), a world-renowned expert in child maltreatment and mental health, has been awarded a Tier 1 Canada Research Chair (CRC) in Childhood Adversity and Resilience. The award provides \$1.4 million over seven years for her research through the Canada Research Chair Program and Canadian Institutes of Health Research. Her research uses a public health approach to understand how the experiences of child maltreatment are associated with negative mental and physical health outcomes. Her research focuses on preventive efforts and has proposed innovative research questions that go beyond clinical observations with the examination of nationally representative data. Regularly quoted in international and national media outlets, she has informed the global debate on not using physical punishment as a means of child discipline.
- The 2019 Winnipeg Rh Institute Foundation Awards recipients were celebrated on September 22. Distinguished Professor Dr. Aniruddha Gole, Electrical and Computer Engineering, NSERC Industrial Research Chair in Power Systems Simulation was awarded the Dr. John M. Bowman Memorial Winnipeg Rh Institute Foundation Award. Due to the global pandemic, an online celebration was held to honour the recipients.
- The 2019 Terry G. Falconer Memorial Rh Institute Foundation Emerging Researcher Awards were also celebrated. These awards recognize academic staff members who are in the early stages of their careers and who display exceptional innovation, leadership and promise in their respective fields. The recipients were:
 - **Applied Sciences** – Dr. Guozhen Zhu (Mechanical Engineering)
 - **Health Sciences** – Dr. Kellie Thiessen (Nursing); Dr. Frederick Zeiler (Surgery)
 - **Humanities** – Dr. Jonathan Peyton (Environment and Geography)
 - **Interdisciplinary** – Dr. Pingzhao Hu (Biochemistry and Medical Genetics)
 - **Natural Sciences** – Dr. Jacob Burgess (Physics and Astronomy)
 - **Social Sciences** – Dr. Will Oxford (Linguistics)

- Thirty-three researchers received a total of \$10,887,902 in grant funding for 34 COVID-19 related research projects:

PI	Sponsor	Title	Awarded
Azad, Meghan (Pediatrics and Child Health)	CIHR COVID-19 Rapid Research	Rapid research in the CHILd Cohort to inform Canada's response to the COVID-19 pandemic: Investigating the prevalence and predictors of SARS-CoV-2 infection, and the health and psychosocial impact of the COVID-19 crisis on Canadian families	\$1,589,795
Coombs, Kevin (Medical Microbiology and Infectious Diseases)	CIHR COVID-19 Rapid Research	Integrated multi-omic delineation of SARS-CoV-2-dysregulated cellular processes	\$790,162
Lavoie, Josee (Community Health Sciences)	CIHR COVID-19 Rapid Research	Developing strategies to support First Nation communities' decision-making during COVID-19 outbreaks	\$475,836
Nickel, Nathan (Community Health Sciences)	CIHR COVID-19 Rapid Research	A distinction-based study on equity in COVID-19 testing and associated outcomes for Manitoba First Nations, Metis and Inuit	\$317,917
Wilkinson, Lori (Sociology)	CIHR COVID-19 Rapid Research	COVID-19's differential impact on Indigenous peoples and newcomers: A socioeconomic analysis of Canada, US and Mexico	\$671,332
Zarychanski, Ryan (Internal Medicine)	CIHR COVID-19 Rapid Research	Anti-thrombotic therapy to ameliorate complications of COVID-19 (ATTACC): A randomized, international, multi-centre, adaptive, controlled clinical trial	\$3,573,336
Wilkinson, Lori (Sociology)	Mitacs Accelerate COVID-19 Rapid Response	What are the socioeconomic impacts of COVID-19 on Canadians	\$30,000
Thompson, Shirley (Natural Resources Institute)	Mitacs Accelerate Entrepreneur	Development of low-cost air purifiers for use in First Nation houses to improve indoor air quality affected by mould, smoke particulate, and air-borne viruses such as COVID-19	\$90,000
Friesen, Marcia (Electrical and Computer Engineering)	NSERC Alliance COVID-19	Developing algorithms that use individual mobility data to support tracking and contact tracing of SARS-CoV-2 causing COVID-19 and future pandemics	\$50,000
Irani, Pourang (Computer Science)	NSERC Alliance COVID-19	Investigating trust and adoption of contact tracing for mitigating the spread of COVID-19	\$48,504
Mark, Brian (Microbiology)	NSERC Alliance COVID-19	Bioengineering plant resilience to viral infection	\$120,000
Moussavi, Zahra (Electrical and Computer Engineering)	NSERC Alliance COVID-19	Post discharge tele-monitoring of COVID-19 survivors for long-term impacts and point-of-care	\$50,000
Moussavi, Zahra (Electrical and Computer Engineering)	NSERC Alliance COVID-19	A touchless tool to screen for Covid-19 for reopening industries	\$49,880

Torabi, Mahmoud (Community Health Sciences)	NSERC Alliance COVID-19	Modeling of COVID-19 pandemic in Canada: Projection and interventions	\$50,000
Tranmer, Geoffrey (Pharmacy)	NSERC Alliance COVID-19	FlowCoV: Development of flow chemistry methods related to COVID-19	\$49,985
Yuan, Qiuyan (Civil Engineering)	NSERC Alliance COVID-19	Developing a wastewater surveillance system for the estimation of the scale of COVID-19 infection	\$50,000
Azad, Meghan (Pediatrics and Child Health)	Research Manitoba COVID-19 Rapid Response	Rapid research in the CHILD Cohort to inform Manitoba's response to the COVID-19 pandemic: Investigating the prevalence and predictors of SARS-CoV-2 infection, and the health and psychosocial impact of the COVID-19 pandemic on Manitoban families	\$100,000
Chochinov, Harvey Max (Psychiatry)	Research Manitoba COVID-19 Rapid Response	Death, dying and dignity in the time of the COVID-19 pandemic	\$235,676
Decker, Kathleen (Community Health Sciences)	Research Manitoba COVID-19 Rapid Response	Evaluating the impact of the health care system's response to COVID19 on cancer patients in Manitoba	\$122,154
Eltonsy, Sherif (Pharmacy)	Research Manitoba COVID-19 Rapid Response	The impact of population-level physical distancing during COVID-19 pandemic on health care services in Manitoba: a focus on vulnerable populations	\$150,000
Hai gh, Jody (Pharmacology and Therapeutics)	Research Manitoba COVID-19 Rapid Response	Development of humanized Ace2 mouse models for COVID-19 research	\$65,500
Halas, Gayle (School of Dental Hygiene)	Research Manitoba COVID-19 Rapid Response	Virtual visits and management of primary care in a pandemic environment	\$184,677
Leong, Christine (Pharmacy)	Research Manitoba COVID-19 Rapid Response	Evaluating the impact of COVID-19 on healthcare utilization, psychotropic drug use, and mortality among individuals living with mental illness: A population-based study using administrative data	\$100,000
Liu, Song (Biosystems Engineering)	Research Manitoba COVID-19 Rapid Response	Potent rechargeable anti-viral face mask	\$200,063
MacKenzie, Lauren (Internal Medicine)	Research Manitoba COVID-19 Rapid Response	Manitoba COVID-19 Serology (MaCS) Network	\$448,500
Nickel, Nathan (Community Health Sciences)	Research Manitoba COVID-19 Rapid Response	A distinction-based study on equity in COVID-19 testing among Manitoba First Nations, Metis and Inuit	\$99,435
Reynolds, Kristin (Psychology)	Research Manitoba COVID-19 Rapid Response	Dissemination and evaluation of a cognitive behavioral therapy e-health and m-health intervention for anxiety in pregnancy and postpartum during COVID-19	\$104,945

Roos, Leslie (Psychology)	Research Manitoba COVID-19 Rapid Response	The PACT program: Parenting Apart while Coming Together	\$198,232
Torabi, Mahmoud (Community Health Sciences)	Research Manitoba COVID-19 Rapid Response	Projection of COVID-19 pandemic and possible interventions in Manitoba	\$68,500
Udod, Sonia (Nursing)	Research Manitoba COVID-19 Rapid Response	The healthcare leader's role during the COVID-19 pandemic: Integrating crisis leadership and organizational resilience	\$95,876
Graham, Morag (Medical Microbiology and Infectious Diseases)	University of Alberta - Canadian COVID-19 Rapid Research	Rapid RNA sequencing of coronavirus for public health surveillance and transmission	\$231,107
Van Domselaar, Gary (Medical Microbiology and Infectious Diseases)	University of Alberta - Canadian COVID-19 Rapid Research	Rapid RNA sequencing of Coronavirus for public health surveillance and transmission	\$151,940
Pickering, Brad (Medical Microbiology and Infectious Diseases)	University of Montreal - COVID-19 Rapid Research	SARS-CoV-2 immunization strategies to enhance protective immunity with reduced risk of antibody-dependent enhancement (ADE)	\$250,000
Metge, Colleen (Community Health Sciences)	University of Windsor - COVID-19 Rapid Research	Development of an implementation framework to advance provincial and national systems supply chain management of the COVID-19 pandemic	\$74,550

- Fifty-two researchers received a total of \$17,338,851.75 in grant funding for 132 projects from a variety of sponsors. Those projects receiving more than \$25,000 are:

PI	Sponsor	Title	Awarded
Azad, Meghan (Pediatrics and Child Health)	CFI IOF	Manitoba Interdisciplinary Lactation Center (MILC): A provincial infant feeding database and human milk biorepository	\$59,525
Bakker, Matthew (Microbiology)	CFI JELF	Investigating plant-associated microbiomes	\$159,990
Bakker, Matthew (Microbiology)	Research Manitoba John R. Evans Leaders Fund	Investigating plant-associated microbiomes	\$159,990
Budisa, Nediljko (Chemistry)	CFI JELF	Biomaterials discovery platform	\$159,139
Budisa, Nediljko (Chemistry)	Research Manitoba John R. Evans Leaders Fund	Biomaterials discovery platform	\$159,139
Gerstein, Aleeza (Microbiology)	CFI JELF	High-throughput genotypic and phenotypic fungal analysis research facility	\$239,631
Gerstein, Aleeza (Microbiology)	Research Manitoba John R. Evans Leaders Fund	High-throughput genotypic and phenotypic fungal analysis research facility	\$239,631
Gibbs, Jason (Entomology)	CFI JELF	Evolutionary ecology of prairie pollinators	\$206,558
Gibbs, Jason (Entomology)	Research Manitoba John R. Evans Leaders Fund	Evolutionary ecology of prairie pollinators	\$206,558
Jeffries, Kenneth (Biological Sciences)	CFI JELF	High-throughput examination of stress in fish	\$150,250

Jeffries, Kenneth (Biological Sciences)	Research Manitoba John R. Evans Leaders Fund	High-throughput examination of stress in fish	\$150,250
Jones, Meaghan (Biochemistry and Medical Genetics)	CFI JELF	Breaking the link between environmental exposures and health: Lessons from epigenetics	\$159,261
Jones, Meaghan (Biochemistry and Medical Genetics)	Research Manitoba John R. Evans Leaders Fund	Breaking the link between environmental exposures and health: Lessons from epigenetics	\$159,261
Liang, Xihui (Mechanical Engineering)	CFI JELF	Infrastructure for development of advanced condition monitoring techniques for gears and bearings	\$159,603
Liang, Xihui (Mechanical Engineering)	Research Manitoba John R. Evans Leaders Fund	Infrastructure for development of advanced condition monitoring techniques for gears and bearings	\$159,603
Livi, Lorenzo (Computer Science)	CFI JELF	Deep learning on graph-structured data for predicting protein-ligand interactions	\$160,000
Livi, Lorenzo (Computer Science)	Research Manitoba John R. Evans Leaders Fund	Deep learning on graph-structured data for predicting protein-ligand interactions	\$160,000
Schindler, Michael (Geological Sciences)	CFI JELF	Environmental nano-geoscience facility	\$238,498
Schindler, Michael (Geological Sciences)	Research Manitoba John R. Evans Leaders Fund	Environmental nano-geoscience facility	\$238,498
Scribbans, Trisha (Faculty of Kinesiology and Recreation Management)	CFI JELF	An integrative approach to understanding shoulder movement across the lifespan	\$156,891
Scribbans, Trisha (Faculty of Kinesiology and Recreation Management)	Research Manitoba John R. Evans Leaders Fund	An integrative approach to understanding shoulder movement across the lifespan	\$156,890
Zeiler, Frederick (Surgery)	CFI JELF	Multi-modal monitoring of cerebral autoregulation in cranial neurotrauma	\$155,600
Zeiler, Frederick (Surgery)	Research Manitoba John R. Evans Leaders Fund	Multi-modal monitoring of cerebral autoregulation in cranial neurotrauma	\$155,600
Jayas, Digvir (Office of the Vice-President (Research and International))	Canada Research Chair Program	Equity, diversity and inclusion (EDI) stipend	\$50,000
Afifi, Tracie (Community Health Sciences)	CIHR Catalyst Grant	Vaping and health outcomes, and use of the health care system among parents and adolescents in Manitoba	\$99,421
Balneaves, Lynda (College of Nursing)	CIHR Catalyst Grant	Cannabis vaping experiences and decisions among youth and young adults in Manitoba (The CaVED Project)	\$100,000
Mookherjee, Neel offer (Internal Medicine)	CIHR Chair: Sex and Gender Science Chair	Sex and asthma: Immunomodulatory mechanisms of airway inflammation	\$694,484
Pascoe, Chris (Physiology & Pathophysiology)	CIHR Catalyst Grant	Understanding the pathology of vaping associated lung damage in young adults	\$100,000
Schultz, Annette (Nursing)	CIHR Fellowship	Identity as visibility: Gathering knowledge around the collection of racial and ethnic	\$110,000

		identifiers from the perspectives of Indigenous patients and health data collectors	
Osiowy, Carla (Medical Microbiology and Infectious Diseases)	Canadian Liver Foundation	Development of hepatitis B virus (HBV) serum RNA biomarker assay as a surrogate measure of intrahepatic HBV replication	\$40,000
Protudjer, Jennifer (Pediatrics and Child Health)	Children's Hospital Research Institute of Manitoba	The mental health impact and needs of those living with food allergy: Perceptions from children, parents and care providers to inform needs based multi-faceted support programs and policy	\$85,000
Roos, Leslie (Psychology)	Children's Hospital Research Institute of Manitoba	The PACT Program: Parenting Apart while Coming Together	\$50,000
Wicklow, Brandy (Pediatrics and Child Health)	Children's Hospital Research Institute of Manitoba	Genetic and environmental influences on development of type 2 diabetes in childhood: The next generation longitudinal birth cohort	\$60,000
Bassuoni, Mohamed (Civil Engineering)	City of Winnipeg	Improving soil conditions under pavements using cement and nanoparticles	\$91,000

Hanson, Mark (Environment & Geography)	Dalhousie University	Validating environmental and human health improvements associated with wastewater treatment upgrades in Arctic communities	\$242,500
Dhaliwal, Perry (Surgery)	Health Sciences Centre Foundation	Intraspinal pressure monitoring for acute traumatic spinal cord injury: A validation study	\$70,000
Poliquin, Vanessa (Obstetrics, Gynecology and Reproductive Sciences)	Health Sciences Centre Foundation	Prospective cohort study comparing two models of penicillin allergy-delabelling in pregnancy	\$32,600
Wright, Galen (Pharmacology and Therapeutics)	Health Sciences Centre Foundation	Fine-mapping of neurodegenerative disorder genomic risk loci for the prioritization of novel drug targets	\$70,000
Wright, Galen (Pharmacology and Therapeutics)	Health Sciences Centre Foundation	Precision medicine approaches in neurological disorders	\$125,000
Clark, Shawn (Civil Engineering)	KGS Group Winnipeg	Critical shear stress field assessment of glacial till	\$37,400
Gardiner, Phillip (Physiology & Pathophysiology)	Manitoba Paraplegia Foundation Inc	Technical salary support for Spinal Cord Research Centre	\$25,000
Choukou, Amine (College of Rehabilitation Sciences)	Mitacs Accelerate	A Virtual reality (VR)-based yoga exercise program targeting upper and lower extremities function in stroke survivors who are discharged home	\$60,000
Cicek, Nazim (Biosystems Engineering)	Mitacs Accelerate	Effectiveness of using engineered floating treatment wetlands to reduce nutrients, pharmaceuticals, and antibiotic resistant bacteria and genes in wastewater	\$120,000
Filizadeh, Shaahin (Electrical and Computer Engineering)	Mitacs Accelerate	Grid-forming techniques for converter-dominated power systems	\$80,000
Fraser, Kevin (Biological Sciences)	Mitacs Accelerate	Breeding and migratory habitat use in Eastern Whip-poor-will in relation to forest management	\$120,000
Irani, Pourang (Computer Science)	Mitacs Accelerate	Space-efficient health data visualization and interaction on smartwatches	\$45,000
Irani, Pourang (Computer Science)	Mitacs Accelerate	Effective and improved telerehabilitation in physical therapy	\$45,000
Jeffrey, Ian (Electrical and Computer Engineering)	Mitacs Accelerate	Applying machine learning to develop meaningful rail condition indices	\$32,500
Kindrachuk, Jason (Medical Microbiology and Infectious Diseases)	Mitacs Accelerate	Broad spectrum CoV therapeutic; rhACE2 Immunoadhesin to treat COVID19	\$45,000
Kinsner, Witold (Electrical and Computer Engineering)	Mitacs Accelerate	Implementation of an optimal system for the detection and avoidance system on an Unmanned Aircraft System (UAS)	\$45,000
Leung, Carson (Computer Science)	Mitacs Accelerate	Design and development of a big data analytics system to accommodate	\$120,000

		dynamic risk modeling of emergency responder delays at active rail crossings	
Leung, Carson (Computer Science)	Mitacs Accelerate	Constrained dynamic pricing for airport parking reservations	\$30,000
McLachlan, Stephane (Environment & Geography)	Mitacs Accelerate	Integration of indigenous knowledge and western science to produce value-added fishery products in northern Manitoba	\$110,000
Muthukumarana, Saman (Statistics)	Mitacs Accelerate	Assessing and identifying indoor environmental quality gaps in commercial buildings using wireless sensors and big data analysis tools	\$53,333
Ng, Marcus (Internal Medicine)	Mitacs Accelerate	Exploring the effects of functional connectivity to depict key differences between stages of sleep to determine why REM protects against seizures	\$30,000
Ripat, Jacqueline (Occupational Therapy)	Mitacs Accelerate	Capturing change: Understanding the physical and psychosocial impacts of adaptive bikes	\$45,000
Sri Ranjan, Ramanathan (Biosystems Engineering)	Mitacs Accelerate	Evaluating tile drainage/water management effects on wheat, canola, and soybeans productivity in heavy clay soils	\$45,000

Azad, Meghan (Pediatrics and Child Health)	Molly Towell Perinatal Research Foundation	Impact of human-derived human milk fortifiers (H2MF) on gut microbiota development and oxidative stress in premature infants	\$30,000
Durocher, Stephane (Computer Science)	NSERC Discovery Accelerator Supplement	Algorithms for summarizing, representing and analyzing trajectories of moving objects	\$120,000
Ehn, Jens (Centre for Earth Observation Science)	NSERC Discovery Grant	Seasonal decay and break-up of sea ice in the Arctic coastal domain	\$125,000
Ehn, Jens (Centre for Earth Observation Science)	NSERC Northern research supplement	Seasonal decay and break-up of sea ice in the Arctic coastal domain	\$75,000
Deconinck, Wouter (Physics and Astronomy)	NSERC Subatomic physics	Precision electroweak studies of the standard model	\$100,000
Chopek, Jeremy (Physiology & Pathophysiology)	Research Manitoba - New Investigator Operating Grant	Integration between locomotor and sympathetic spinal neural circuitry	\$129,900
Jones, Meaghan (Biochemistry and Medical Genetics)	Research Manitoba - New Investigator Operating Grant	Epigenetic mechanisms of biological embedding of prenatal cigarette smoke	\$130,000
Liang, Xihui (Mechanical Engineering)	Research Manitoba - New Investigator Operating Grant	Development of embedded sensors for bearing condition monitoring	\$50,000
Logue, Susan (Human Anatomy and Cell Science)	Research Manitoba - New Investigator Operating Grant	Understanding the contribution of the unfolded protein response to secretome regulation post-therapy in triple negative breast cancer cells	\$130,000
Prehna, Gerd (Microbiology)	Research Manitoba - New Investigator Operating Grant	Deciphering the molecular mechanism of protein assembly in the type six secretion system warhead	\$50,000
Protudjer, Jennifer (Pediatrics and Child Health)	Research Manitoba - New Investigator Operating Grant	A mixed methods investigation into the bidirectional association of atopic dermatitis and maternal-infant bonding	\$129,454
Schellenberg, Benjamin (Kinesiology and Recreation Management)	Research Manitoba - New Investigator Operating Grant	Fueled by passion: Applying the quadripartite approach to passion with sports fans	\$38,157
Jayas, Digvir (Office of the Vice-President (Research and International))	SSHRC Canada Research Continuity Emergency Fund Stage 1	Canada Research Continuity Emergency Fund (CRCEF) - Stage 1	\$7,800,958
Au, Yik (Accounting and Finance)	SSHRC Insight Development Grant	Workplace racial discrimination and firm value	\$70,662
Bartlett, Nadine (Educational Administration, Foundations and Psychology)	SSHRC Insight Development Grant	Prevention and intervention: An examination of community mobilization responses to crime	\$66,645
Brown, Brenda (Landscape Architecture)	SSHRC Insight Development Grant	Manitoba farmstead shelterbelt landscapes: Documentations, analyses, stories	\$67,487

Cui, Hong (Victor) (Business Administration)	SSHRC Insight Development Grant	"When You Wish Upon a Star": The impact of Star Inventors on Firm Exploratory Innovation	\$56,440
Desmarais, Annette (Sociology)	SSHRC Insight Development Grant	Transitioning to agroecology in the Canadian Prairies: A research and visual methods pilot project	\$59,998
Hechter, Richard (Curriculum, Teaching and Learning)	SSHRC Insight Development Grant	Mah-Kom: Cultivating empathy through ethnoastronomy	\$63,718
Seniuk Cicek, Jillian (Centre for Engineering Professional Practice and Engineering Education)	SSHRC Insight Development Grant	Are Canadian access programs making space for indigenous students in postsecondary education?	\$62,650
Smandych, Russell (Sociology)	SSHRC Insight Development Grant	Reframing media studies of crime, insurgencies, and counterterrorism in Nigeria: Toward a new multi-disciplinary criminology-mass communication stakeholder approach	\$58,487
Wu, Zhenyu (Business Administration)	SSHRC Insight Development Grant	Climate risk and financial quality: International evidence	\$63,180
Jayas, Digvir (Office of the Vice-President (Research and International))	SSHRC	New Frontiers Research Fund Exploration- Indirect Costs	\$263,986
Peschken, Christine (Internal Medicine)	University Medical Group	Bridge funding for research programs	\$25,000
Azad, Meghan (Pediatrics and Child Health)	University of Manitoba (Gates (Bill and Melinda) Foundation)	International Milk Composition Consortium (IMiC)	\$75,000
Harris, Steven (Biological Sciences)	University of Maryland	Collaborative Research: Using multi-omic analyses and dynamic modeling to understand fungal cell wall stress responses	\$34,522

ADMINISTRATIVE MATTERS

- The Office of Sustainability is planning events to celebrate Sustainability Month (October), by highlighting sustainability work taking place on-campus and giving sustainability tips while working or studying from home. These events include weekly 'Green Flicks', Expert Chats featuring UM researchers, the Waste Reduction and Management survey for Waste Reduction Week (October 19-25) as well as other fun facts on social media.
- UM Dining Services and the Office of Sustainability are working together to implement a reusable food container program in Pembina Hall. This program will use tokens that students will initially have to purchase and exchange for container usage at every takeaway meal. This will run as a pilot project with the goal being to have this program in all food services locations on campus.

- The Office of Sustainability in partnership with Learning and Organizational Development has created an online Sustainability 101 course aimed at increasing sustainability knowledge and actions of UM staff and faculty. The course offers an overview of basic sustainability principles, real world examples of sustainability, overview of campus sustainability and resources and develops the participant's skills to take action in their department. First offering will be in October 2020.
- A new Data Classification guideline and Data Storage guidelines were created jointly with the Access and privacy office and will be published in September 2020.
- Office 365 Student/Staff tenant merger was successfully completed. Over 110,000 student and alumni accounts were migrated from the student tenant to the staff tenant, including all e-mail content for over 40,000 enrolled students.
- Staff Relations is actively bargaining with UMFA, CUPE 3909 Units 1 and 2, and AESES. The CUPE 1482 collective agreement has also expired, but they have not yet indicated an interest in beginning negotiations.
- Learning & Organizational Development (LOD) launched the UM Human Resources Essentials Program (UMHREP) in August. This certificate program provides a comprehensive foundation in how HR functions are performed at the university. Developed by subject matter experts throughout Human Resources, the program includes workshops relating to the employee life cycle, hiring, development, and staff relations and concludes with a capstone panel presentation where participants demonstrate learning by proposing a solution to a practical case to a panel of their peers and representatives from HR.
- In order to support employees working remotely, Learning & Organizational Development (LOD) has doubled the number of workshop sessions available this fall in a synchronous online format for groups and teams. Fourteen sessions are now available ranging from 90 minutes to three hours and are designed to support groups in communication and collaboration through engaging learning activities. These sessions are a valuable tool to help team building and provide a creative space for groups to virtually gather to learn and connect. New offerings include Social Intelligence: Building Impactful Relationships, Time Management, Virtual Meetings, Conversation Skills, Decision Making, and Respect in the Workplace.
- In June, Learning & Organizational Development (LOD) offered a new, online series of Managers' Forums to support supervisors and managers transitioning to leading their teams remotely. Three forums were held on the topics of Communication, Collaboration and Community Building.
- On June 22, 2020 both Access Copyright and York University sought leave to appeal the Federal Court of Appeal decision respecting the applicability of the Access Copyright tariffs and fairness of York's Fair Dealing Guidelines to the Supreme Court of Canada. At the Federal Court of Appeal the Access Copyright tariffs were found to be non-mandatory for post-secondary institutions, and York's guidelines (which are similar to those used in educational institutions throughout Canada) were found to be unfair. This case has ongoing significance for copyright management practices at the University of Manitoba and in post-secondary institutions across Canada.

- The Legal Office is working on the creation of a Brief and Temporary Student Absence Policy that establish a process for students to submit documentation when an absence due to brief illness will cause them to miss a for-credit assignment or assessment. This Procedure would create unified process across UM programs, would increase our ability to keep track of student absences and better assess when students may need accommodations or supports, and will reduce demands on the healthcare system by eliminating the existing requirement of a doctor's note for illness-related absences. The Legal Office is incorporating feedback received from stakeholder consultations, and anticipate that the newest draft will be provided to our collective bargaining units for consultation in mid-September.
- The Legal Office been reviewing, negotiating, and finalizing several clinical trials agreements related to the COVID-19 virus, as well as a number of material transfer agreements and data sharing agreements, which are also related to COVID-19 related research. The legal office has negotiated clinical trial agreements for sites in numerous countries including Canada, the USA, and Brazil.
- The Access and Privacy Office, Legal Office, and Copyright Office worked with IST Security and Compliance and the Centre for the Advancement of Teaching and Learning to create guidance documents for the University community to ensure the tools and processes used in virtual classrooms are compliant with privacy and copyright regulation, are safe and secure, and that they support academic integrity.

EXTERNAL RELATIONS

- Communications support around the safe return to campus and virtual learning is ongoing. New information is being actively communicated through UM news and social media channels, and using a variety of tools including videos, newsletters, emails and digital and print signage.
- Donor activity is beginning to increase and several \$1M+ philanthropic gifts have been confirmed in the current reporting period. Plans to publicly announce these significant investments are underway.
- Virtual Learning for Life, a nine-week seminar series sponsored by our affinity partner, IA Financial Group, was hosted in May and June. With nearly 1,100 alumni and friends registering for at least one of the sessions and based on very positive feedback, we will be hosting a fall program series beginning on September 30. Many thanks to the UM faculty members who shared their research with our alumni community during these sessions.
- UM Café on 10,000 Coffees, a Canadian-based online career-mentoring platform sponsored by RBC Future Launch, was launched in mid-June as a collaboration between Alumni Relations and Career Services. This program enables alumni and students/new graduates to connect online to share career journey advice and guidance. Over 1,600 alumni and students have joined the program to date.

- UM's first-ever online book club was launched in early June, sponsored by the Alumni Association. The first book – The Glass Castle – was selected by the book club host, Chancellor Anne Mahon, and the second book – The Break – written by Winnipeg author Katherena Vermette – was selected by book club members. Over 600 alumni and friend members from around the world have joined the book club to date.
- To mark the 40th anniversary of the Marathon of Hope, John Kearsley, Vice-President (External), joins 39 revered Canadians in recounting Terry Fox's legacy in Forever Terry: A Legacy in Letters released on September 1. The release of the book has received extensive national and international recognition.
- Migration of web content to the newly designed umanitoba.ca continues, targeting an early 2021 completion. The Student Viewbook, a key marketing tool targeted to prospective students, is now available in a digital format for the first time.
- Preparations continue for the UM Intranet, targeting an initial launch in late 2020 with migrations continuing into 2021.
- For the first time in its 99-year history, the Alumni Association will hold its Annual General Meeting virtually on September 30 from 6:30 to 7:30 p.m. CT. Guest speakers include the Honourable Janice Filmon, Lieutenant Governor of Manitoba, President Benarroch and John Kearsley, Vice-President (External). Please join Alumni Association Chair, Peter Wheatley, and fellow alumni from around the world for the AGM. All are welcome to attend.
- Fall Homecoming 2020 will be celebrated through a virtual ceremony on October 22 with President Benarroch, Chancellor Mahon and our Deans delivering congratulatory messages to the Class of 2020 along with a virtual student procession.
- Homecoming 2020 will not be celebrated in any official capacity either in-person or virtually and all in-person milestone reunion celebrations have been postponed to 2021.
- The Distinguished Alumni Awards (DAA) Celebration of Excellence gala event scheduled for October 1, has been cancelled. Instead, the nine DAA recipients will be announced in the Fall 2020 issue of UM Today: The Magazine and an in-person celebration will be hosted in 2021.
- President Benarroch and John Kearsley, Vice-President (External) met with Premier Brian Pallister on September 14, and will meet with the Treasury Board in October 2020 to discuss the University's commitment to advancing the province's economic strategy and shared priorities.