

PRESIDENT'S REPORT: January 27, 2015

GENERAL

The University of Manitoba now has produced 98 Rhodes Scholars, more than any university in Western Canada. Faculty of Arts graduate Alexa Yakubovich is the recipient of a Rhodes Scholarship for 2015. Alexa has done undergraduate and postgraduate research in a variety of fields, including gender studies, belief systems, cancer, heart disease and HIV/AIDS. She is currently working with Katherine Starzyk of the Social Justice Laboratory and with the Centre for Human Rights Research, on strategies to improve water and sanitation services for First Nations in Canada. When she returns to Oxford this winter, her focus will be on improving child well-being in socially disadvantaged communities, specifically how social disadvantage compounds child health problems, studying HIV-positive adolescents in low-income South African communities.

In follow up to the November 2014 message to the University of Manitoba community about the need for fiscal restraint heading into the 2015/16 budget year and beyond, the University's financial situation was the topic of a presentation and discussion at Senate on January 7, 2015 and at a Town Hall on January 21, 2015. The University will be continuing to share information on the process and encourage dialogue with and input from the community. The University of Manitoba is in the early stages of its annual resource allocation process. Budget submissions from units are being reviewed and a proposed budget will be presented to the Board of Governors in May, 2015.

The University of Manitoba hosted Open Doors, Open Knowledge: Big Ideas for Better Business in support of AUCC's national campaign. The event showcased and celebrated successful partnerships between University of Manitoba researchers and businesses. Paul Soubry, President and CEO of New Flyer Industries Inc., delivered the keynote speech. The event was attended by leaders in the business community, faculty, researchers, students and staff.

The Council of Presidents of Universities in Manitoba (COPUM) continues to meet regularly to pursue avenues for cooperation and collaboration among Manitoba universities. Four working groups (articulation, Indigenous education, Campus Manitoba and Operational/Administrative) have finalized their terms of reference and have begun to develop specific options to be considered.

In recent weeks, I have met with both the Honourable Greg Dewar, Minister of Finance and with the Honourable Greg Selinger, Premier, as part of the University's ongoing process of engagement with the provincial government.

ACADEMIC MATTERS

- Neil Holliday, professor emeritus in entomology, has been elected second vice-president of the Entomological Society of Canada.
- Rotimi Aluko, human nutritional sciences, was recently appointed Associate Editor for the Journal of Functional Foods.

- Crystal Jorgenson, agricultural and food sciences communications, was named as Canadian Agri-Marketing Association (CAMA) Manitoba's Honour Roll recipient at the 2014 Canadian Agri-Marketing Association national awards gala in November.
- Randall Jamieson, psychology, was elected President of the Society for Computers in Psychology.
- Glen McCabe, education, received the first ever Outstanding Role Model Award from The Westland Foundation.
- Vaclav Smil, Distinguished Professor Emeritus, environment and geography, received the Organization of the Petroleum Exporting Countries (OPEC) Award for Research in recognition of his work on global oil and energy problems.
- John Page, physics and astronomy, was elected a Fellow of the American Physical Society.
- Kelly Beaulieu, agricultural and food sciences alumna and founder of Canadian Prairie Garden Purees, attended the Canadian Aboriginal and Minority Business Council awards gala in Toronto to receive the Canadian Advanced Technology Alliance (CATA) Technology Innovation Award, which is awarded to an Aboriginal or minority-owned business for the most innovative new technology-based product or service.
- Myron and Jill Krahn, agricultural and food sciences alumni, have been recognized as Canada's Outstanding Young Farmers for 2014. The program is designed to recognize young farmers that exemplify excellence in their profession. The Krahns grow corn, soybeans, cereals and grass seed on their farm near Carman and they also run a seed dealership, specializing in corn seed.
- Lorisa Dubuc, computer science alumna, has been recognized on the World Council and Assembly on Cooperative Education's Co-op Wall of Fame. Lorisa has combined industry roles (MOO Print, IBM, Google, Citrix) with research as a PhD in human computer interaction at the University of Cambridge. Supported by prestigious scholarships including Boeing and NSERC she is combining two passions from her undergraduate degree – Computer Science and Psychology – to dedicate her PhD work to Alzheimer's patients, innovating in design research and technology to improve quality of life for those with dementia and their caregivers. Her strategic research at Google produced the first stages of the framework, which became 'Circles' in Google+. Co-op was a factor in her success and she promotes it at every opportunity.
- A team from the department physics and astronomy, managed to capture a video image of an asteroid passing in front of a star, at the Glenlea Astronomical Observatory south of Winnipeg. The astronomical event, called an occultation, is rare and difficult to observe, and the astronomers' ability to observe it required a great deal of skill — so much skill that the international astronomy Sky and Telescope magazine profiled their work online.
- Alana Roberts, political studies student, won the Sybil Shack Human Rights Youth Award which recognizes the work of a person or group of people, 25 years old and under, that has had an impact on the advancement of human rights as guaranteed in the Canadian Charter of Rights and Freedoms and human rights legislation in Manitoba.

- Anna Liu, science student, received one of four prestigious Fessenden Trout Scholarships administered by the Association of Universities and Colleges of Canada.
- Dentistry was named the winner of the 2015 William J. Gies Award for Outstanding Innovation – Academic Dental Institution by the ADEAGies Foundation, an arm of the American Dental Education Association (ADEA). Individuals and organizations from around the world compete for the annual Gies Awards, which honour outstanding commitment to dental education, research and leadership. The College of Dentistry is receiving the Gies Award for an innovative curriculum project: Oral-Systemic Health Education for Non-Dental Healthcare Providers, launched by its International Centre for Oral-Systemic Health (ICOSH).
- The Faculty of Health Sciences unveiled their Canada Research Chair honor wall at Bannatyne Campus. The wall has brought much positive attention to the important role of research within the faculty and at the University of Manitoba.
- In 2013, the then Faculty of Medicine was the first such faculty in Canada to partner with Habitat for Humanity and in 2014, the new Faculty of Health Sciences completed its second build. The “Habitat for Humanity Build Key Ceremony” in December was meaningful, beginning with a traditional smudge and the key presentation to the Indigenous partner family (a single mother and three children.)
- Physics and Astronomy Days were held on November 29, 2014 and 45 high school students from select schools with an interest in physics and astronomy were invited to campus. They spent the day being exposed to learning opportunities in areas such as medical imaging, cosmic imaging, seeing the invisibles with microwaves, twisting light-polarizations, to name just a few. The day included a presentation on careers in physics, and tours of the facilities and research laboratories.

RESEARCH MATTERS

- MP Rod Bruinooge, on behalf of Agriculture and Agri-food Canada Minister Gerry Ritz, announced funding of \$500,000 over five years to the Guy Carpenter Professorship in Agricultural Risk Management and Insurance recipient, Lysa Porth (I.H. Asper School of Business) on November 14, 2014. The project has been funded under AgriRisk Initiatives, research and development stream which is aimed at increasing the availability of risk management tools for the agricultural sector. The research conducted by the Guy Carpenter Professorship will add tremendous value to the agricultural sector in Canada by contributing to innovative risk management policy.
- The Women’s Executive Network named two U of M women among Canada’s Most Powerful Women Top 100 for 2014: Zahra Moussavi (Engineering) and Tracy Dahl (Desautels Faculty of Music). These awards celebrate the professional achievements of strong female leaders across the country in the private, public and not-for-profit sectors. Dahl was recognized in the BMO Arts and Communications category and Moussavi in the SunLife Financial Trailblazers and Trendsetters category.

Canada's premiere coloratura soprano Dahl has appeared throughout her career with the Metropolitan Opera, Canadian Opera Company, Teatro alla Scala (Milan) and the Théâtre du Châtelet (Paris), among many others. In 2009, Dahl was honoured with the Ruby Award by Opera Canada for outstanding achievements on stage. She has received two Juno nominations for *Glitter and Be Gay* with the Calgary Philharmonic and *Rhymes and Reveries*, both for the CBC label. Dahl has also developed as one of Canada's finest voice teachers, producing some of Canada's best young talent. Her students' successes have taken them to stages in Canada, Holland, Italy, Germany, China and the United States, including the Metropolitan Opera, where this past year her student Andriana Chuchman made her debut. Dahl's ability to bring out the very best in her students has proven to be among the finest of her many accomplishments.

Zahra Moussavi is known for her research in two major diseases: Obstructive sleep apnea and Alzheimer's. Her work has not only resulted in novel technologies, but is also directly applied and practiced for diagnosis and treatment. As a full professor at the U of M, as well as a Canada Research Chair in Biomedical Engineering, she has served as a role model, particularly for her female students. Since her time here, she has created the Biomedical Engineering Graduate Program, now serving as its director, and started research that has led to the establishment of three major laboratories. Moussavi is a recipient of the Women of Distinction Award in Science and Technology (2014) from the YMCA-YWCA and Manitoba Government. She has also received the title of IEEE Engineering in Medicine & Biology Society distinguished lecturer.

- A blessing ceremony was held on November 5, 2014 to prepare the historic Chancellor's Hall to become the first home of Canada's National Research Centre for Truth and Reconciliation (NRCTR). Elder Swain was assisted in the ceremony by Elders Sylvia Genaille, Harry Bone and Carl Stone as prayers, hopes and good wishes were offered for the Centre's work going forward. Participants were President David T. Barnard and other university representatives, Centre Director Ry Moran, partners, friends and supporters, members of the Centre's Governing Circle, and the Centre's small staff – mostly students from the University's archival studies program.

On November 26, 2014 the members of the inaugural Governing Circle of the NRCTR were announced by Director Ry Moran. The seven-member Governing Circle is comprised of: three members representing Survivors, their families or descendants (one First Nations, one Inuit and one Métis); two members from NRCTR partner organizations and two members from the University of Manitoba. The members are: Eugene Arcand, Andrew Carrier, Dr. Catherine Cook, Grand Chief Edward John (Akile Ch'oh), Gregory Juliano, Jennifer Watkins and Dr. Cynthia Wesley-Esquimaux.

The NRCTR **English: umanitoba.ca/nrctr and Français: umanitoba.ca/cnrvr websites were also launched.**

- Ninety-three projects received \$6,085,031 in funding from various sources. Those projects over \$25,000 are as follows:

PI	Sponsor	Title	Awarded
Ayele, Belay (Plant Science)	Manitoba Pulse Growers Association	Mitigating the deleterious effects of excessive soil moisture on the productivity of pulse crops through seed treatment	\$80,000

Ball, Terry (Blake) (Medical Microbiology)	University of Washington	Quantifying the impact of genital mucosal inflammation on HIV-1 acquisition risk	\$190,136
Becker, Marissa (Centre for Global Public Health (CGPH))	CIHR	Estimating female sex workers' early HIV risk and the implications for HIV epidemic control: A multi-country observational and mathematical modeling study	\$337,568
Burgener, Adam (Medical Microbiology)	University of Louisville	Griffithsin-based rectal microbicides for prevention for viral entry (PREVENT)	\$106,169
Burgener, Adam (Medical Microbiology)	CIHR	Investigating the role of mucosal biomarkers associated with HIV infection risk in the CAPRISA-004 clinical trial	\$100,000
Chochinov, Harvey (Psychiatry)	CancerCare Manitoba	Dignity management in palliative care and the development of the Dignity Caregiving Assessment Scale (DCAS)	\$36,750
Chochinov, Harvey (Psychiatry)	Manitoba Health Research Council	Dignity management in palliative care and the development of the Dignity Caregiving Assessment Scale (DCAS)	\$36,750
Cicek, Nazim (Biosystems Engineering)	Rosser Holsteins Ltd	Evaluation of a bedding recovery unit for dairy farm application at Rosser Holsteins Ltd. - summer and fall operation	\$50,000
Comack, Agnes (Sociology)	Canadian Centre for Policy Alternatives (CCPA)	Pathways out of crime and violence	\$37,300
Dolinsky, Vernon (Pharmacology and Therapeutics)	CIHR	Adiponectin in gestational diabetes and the development origins of disease	\$503,599

Durrant, Joan (Family Social Sciences)	SSHRC	Mobilizing social science and humanities knowledge to reduce violence against children around the world	\$58,300
Entz, Martin (Plant Science)	International Development Research Centre (IDRC)	Ecological approaches to ensuring food security: A learning platform for understanding and advancing conservation agriculture in Africa and Asia	\$60,000
Friel, James (Human Nutritional Sciences)	Lallemand Health Solutions, Inc.	Assessment of safety and efficacy of Bifidobacterium longum subp. Infantis R0033 use in premature infants	\$71,406
Goertzen, Andrew (Radiology)	NSERC Idea to Innovation (I2I)	Extended field of view detectors for a MRI compatible positron emission tomography imaging system	\$125,000
Hayglass, Kent (Dean's Office - Faculty of Medicine)	CIHR	Md/PhD program grant (starting in 2013-14)	\$132,000
Hossain, Ekram (Electrical and Computer Engineering)	NSERC Collaborative Research & Development (CRD)	Radio resource management for spectrum and energy efficient design of 5G networks	\$170,500
House, James (Human Nutritional Sciences)	NSERC Engage	Assessment of novel Algal Biomass streams for their potential to enrich eggs with Bioactive Carotenoids	\$25,000
Hryshko, Larry (Physiology)	Heart & Stroke Foundation of Manitoba	Mechanistic studies of novel sodium-calcium exchange inhibitors	\$100,000
Jackson, Alan (Internal Medicine)	University Medical Group	Rabies virus - induced mitochondrial dysfunction	\$40,000
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Johnson, Jay (Kinesiology and Recreation Management)	SSHRC	Transforming the Canadian sport culture: A national study of gender, race, sexuality and violence in sport hazing as barriers to sport participation	\$138,955
Keynan, Yoav (Internal Medicine)	Association of Medical Microbiology and Infectious Disease Canada (AMMI)	Emmonsiosis: Optimizing diagnostics, and an investigation into risk factors and burden of disease	\$70,000
Keynan, Yoav (Internal Medicine)	University of British Columbia	Assessment of the effect of geographical distance between Canadian HIV-infected individuals and their care providers on treatment adherence and virologic suppression	\$55,000
Leslie, William (Internal Medicine)	Research Manitoba	Improving assessment of fracture risk with DXA-based finite element modeling: Large-scale technical and clinical validation	\$65,000
Lorway, Robert (Centre for Global Public Health (CGPH))	SSHRC	Philanthrocapitalism, sociality and citizenship in B&M Gates foundation interventions	\$386,080
Mansouri, Behzad (Internal Medicine)	University Medical Group	Visual functional connectivity in amblyopia before and after binocular and/or TMS treatment	\$26,000
Martin, Donna (Nursing)	CIHR	A critical ethnography examining Little Saskatchewan First Nation community members' experiences of induced displacement: Promoting Pimachiwiin	\$100,000
McGavock, Jonathan (Pediatrics and Child Health)	CIHR	Muscle Strength and Myokines: Novel Factors for Metabolic Disease in Overweight Youth?	\$135,000
McGavock, Jonathan (Pediatrics and Child Health)	University of British Columbia	Muscle Strength and Myokines: Novel Factors for Metabolic Disease in Overweight Youth?	\$30,000

McKenna, Sean (Chemistry)	Research Manitoba	Investigating the regulatory role of an RNA-quadruplex helicase, RHAU, on telomerase activation	\$65,000
McPhail, Deborah (Community Health Sciences)	CIHR	Reproducing stigma: Obesity and women's experiences of reproductive care	\$230,130
Ng, Koi Yu Adolf (Supply Chain Management)	SSHRC	The warming of the North: Challenges and opportunities for Arctic transportation, supply chain management and economic development	\$32,020
Norman, Moss (Kinesiology and Recreation Management)	SSHRC	An intergenerational examination of indigenous physical cultures and masculinities in Fisher River Cree Nation	\$73,904
Plaizier, J. C. (Kees) (Animal Science)	Dairy Farmers of Manitoba	Optimizing phosphorous utilization and bedding management to enhance environmental sustainability, cow health and food safety on Manitoba dairy farms	\$217,505
Rockman-Greenberg, Cheryl (Pediatrics and Child Health)	Children's Hospital Foundation of Manitoba Inc.	Comparison of the effect of a novel starch (Glycosade) versus gastronomy tube-dextrose infusion on overnight euglycaemia control in children with glycogen storage disease type 1: Open label demonstration trial	\$26,498
Sepehri, Nariman (Mechanical and Manufacturing Engineering)	NSERC Engage	Physical-virtual surgical training and evaluation robotic platform	\$25,000
Sepehri, Nariman (Mechanical and Manufacturing Engineering)	NSERC Engage	Robotic wrist to facilitate high resolution gamma imaging	\$25,000
Shafai, Lot (Electrical and	NSERC Engage	Miniaturization of multi-arm multi-mode spiral antennas for	\$25,000

Computer Engineering)		GPS applications	
Slater, Joyce (Human Nutritional Sciences)	Heart & Stroke Foundation of Manitoba	Identifying critical food literacy competencies for preventing obesity in Manitoba youth: A delphi study	\$77,552
Tenuta, Mario (Soil Science)	Canadian Fertilizer Institute	CFI 2014 pre-GF2 project	\$44,100
Wicklow, Brandy (Pediatrics and Child Health)	Children's Hospital Foundation of Manitoba Inc.	Genetic and environmental influences on development of type 2 diabetes in childhood: The next generation longitudinal birth cohort	\$50,000
Yao, Xiao-Jian (Medical Microbiology)	Canadian Foundation for AIDS Research (CANFAR)	Investigation of a role of PKC412 in reactivating HIV latency and underlying mechanisms	\$25,000
Yuan, Qiuyan (Civil Engineering)	NSERC Engage	Evaluation and enhancement of UltraZyme AquaCulture (UZAC) performance to reduce algal bloom	\$25,000

ADMINISTRATIVE MATTERS

- The University's participation in the Manitoba Hydro Power Smart for Business program earned the business recognition as an Efficiency Partner and received a Commercial Building Envelope Program incentive cheque for \$68,457.00 from Manitoba Hydro for the efficiency upgrades to the Frank Kennedy roof replacement and St. John's College lower roof replacement.
- The Faculty of Architecture and Campus Planning Office hosted a "Coming to a Common Place: Indigenous Peoples and Urban Design" Symposium on November 18-19, 2014. The event featured international and local indigenous planners/designers whose presentations focused on indigenous values in the design and planning process. Event participants including local elders and senior indigenous advisors drafted a series of indigenous design and planning principles. The Visionary (re)Generation consultant team also participated in the dialogue to ensure the design principles are integrated into the campus planning process.

EXTERNAL MATTERS

- For the period of April 1, 2014 to January 8, 2015, the University has raised \$32,523,316.08 for the 2014/2015 fiscal year. As of this date, we have raised \$14.8 million more in our current fiscal year, as compared to last fiscal year.
- Significant gifts and activities in the last reporting period include:
 - Tony Lau made a gift of \$100,000 to establish two endowments in support of scholarships in the Faculty of Arts.
 - Dr. Stan Cheung made a pledge of \$150,000 designated to the Department of Animal Science.
 - A gift of \$107,570.00 was received from the estate of Dr. Hugh J. Anderson. This brings the total amount received to \$934,570.00 which will be directed to the Hugh J. Anderson Graduate Award in Chemistry Scholarship.
 - A gift of \$546,540.14 was received from the estate of Mrs. Irene (Bilous) Lewis. This brings the total amount received to \$646,940.14 which will be directed to the Dr. Roman Bilous Scholarship in the College of Pharmacy which Mrs. Lewis established in memory of her brother.
 - Cameron McVeigh has made a commitment of \$200,000 in support of Asper School classroom redevelopment.
- The first annual University of Manitoba #WeekofThanks took place November 10 through 15 with the objective of thanking donors and educating students and staff on the impact of philanthropy. The week kicked off with nearly 1,000 paper tags placed across campus indicating the widespread support of donors. Thank-a-Donor booths saw over 450 participants, pancake breakfasts on both campuses had 450 attendees, and a strong presence on social media garnered more than 1,800 “likes”. These campus events were held as a lead up to National Philanthropy Day, an international day to recognize donors and celebrate philanthropy.
- Tyler MacAfee, Director, Government and Community Engagement, along with Tannis Campbell, Manager, Office of the Associate V.P. (Administration), have had discussions with representatives from Elections Canada about the possibility of securing space on the University of Manitoba’s Fort Garry Campus to enable students to vote by special ballot in the upcoming federal election which is currently scheduled for October 19, 2015. Space has been offered to Elections Canada and they will confirm whether or not it satisfies their requirements.
- Vice-President (External) John Kearsy and Tyler MacAfee met with Clerk of Executive Council and Secretary to Cabinet, Milton Sussman, to discuss the Front and Centre campaign and to build some momentum and excitement within the provincial government about the University’s fundraising goal and the impact it could have on Manitoba.
- President Barnard, Paul Kochan, Vice-President (Administration) and Tyler MacAfee, met with newly appointed Minister of Finance, Greg Dewar, to discuss the role of the U of M as an economic driver in the City of Winnipeg and the Province of Manitoba, the University’s current and future fiscal pressures as well as the Front and Centre fundraising campaign.
- The University of Manitoba retained Probe Research Inc. to conduct the first online community engagement survey on behalf of External Relations among faculty and staff. The purpose of the survey was to help build an understanding of the nature and scope of community engagement

activities currently undertaken by faculty and staff as part of their professional role at the University. Survey results will help inform a community engagement strategy for the University and further University-community collaboration.

- The University of Manitoba hosted the third Visionary Conversations of 2014-2015. The topic was “A Culture of Conflict: What Have We Learned about War?” Panelists included Dr. Adam Muller, Associate Professor, Department of English, Film and Theatre in the Faculty of Arts and Senior Research Fellow at the Centre for Defence and Security Studies; Dr. Andrea Charron, Assistant Professor, Department of Political Studies in the Faculty of Arts and Deputy-Director of the Centre for Defence and Security Studies; and Dr. Régine King, Assistant Professor in the Faculty of Social Work.
- On December 2nd the University of Manitoba held a reception in Hong Kong for alumni in the area to reconnect and meet with other U of M graduates in their city. President Barnard and Vice-President (External) John Kearsy attended to host the event.
- Nominations for the 2015 Distinguished Alumni Awards closed on November 18th and we are pleased to announce that there are 56 nominations across five categories. The Selection Panel will be chaired by Chancellor Harvey Sexter, and will include Nahlah Ayed, Abdo El Tassi, Lila Goodspeed, Susan Lewis and Allan Ronald. The Distinguished Alumni Awards Celebration of Excellence will be held on May 12th, 2015 at the Winnipeg Art Gallery.
- In 2014, any gift made towards graduate student support and/or the Active Living Centre was matched dollar for dollar up to \$1 million by the Alumni Association of the University of Manitoba. As of December 31st, this initiative has reached and exceeded its \$1 million matching goal. We would like to thank the Alumni Association for its generosity and the incredible support of our donors for their support of our graduate students and the Active Living Centre.