



2017 RESEARCH GRANTS BACKGROUNDER

This year, the Health Sciences Centre Foundation is providing more than \$347,000 in grants to support ten research projects at HSC Winnipeg. Each application was reviewed by experts in their respective fields at HSC Winnipeg. There were four different competitions: the General Operating Grant Competition, Allied Health Grant Competition, Dolly & Michael Gembey Nursing Research Award & Grant Competition, and the Mindel & Tom Olenick Research Award in Immunology Competition.

2017 General Operating Grants

- **\$70,000 to Dr. Marcus Ng** to examine whether rapid eye movement (dream) sleep can help identify tissue in the brain causing seizures in epilepsy patients, for the purpose of removal by surgery.
- **\$70,000 to Dr. Renee El-Gabalawy and Dr. Brigitte Sabourin** to develop and evaluate a multi-disciplinary evidence-based interactive online program for chronic pain management.
- **\$70,000 to Dr. Suresh Mishra** to identify the mechanisms involved in the role of a protein, prohibitin, in immune cell functions in the development of obesity-linked diabetes.
- **\$53,600 to Dr. Natalie Mota** to examine the rate of suicide deaths among patients who presented to an emergency department in Winnipeg with a mental health complaint and then admitted to a psychiatric hospital, compared to those who were discharged.

2017 Allied Health Grants

- **\$19,350.40 to Ms. Melissa Colbeck** to translate self-management principles into short videos using visual storytelling to engage people living with multiple sclerosis and change health behaviour.
- **\$3,214 to Mr. Patrick Gross** to determine which factors are predictive of prolonged hospitalization after major lower limb amputation, and to review the statistical effectiveness of the current interventions being used by HSC Winnipeg's amputee inpatient rehabilitation program in reducing the length time spent in hospital.

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2017 Dolly & Michael Gembey Nursing Grants

- **\$26,044.84** to **Ms. Christine Johnson** to implement an intervention designed to improve mobility for patients throughout their hospitalization to minimize falls, pressure injuries, and length of time spent in hospital.
- **\$25,534.88** to **Dr. Diana McMillan** to test whether integrated bedside terminals are better at helping patients with heart failure or at risk for pressure injury, to understand and manage their health compared to current practice.

2017 Mindel & Tom Olenick Research Award in Immunology

- **\$5,000** to **Mr. Nour Eissa** to study if an amino-acid protein known as Chromogranin-A has a role in intestinal inflammation, and if targeting this protein and its derived peptides could provide new therapies for patients with inflammatory bowel disease and colitis.
- **\$5,000** to **Dr. Edgard Mejia** to understand the growth and survival mechanisms of immune cells in disease states.

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For more information or to arrange interviews, please contact:

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