




Explore. Innovate.

The background of the page is a dark, textured image, possibly a microscopic view of a cell or tissue. In the top left corner, there is a white horizontal bar. The text is centered in the upper half of the page.

THE MANDATE OF RESEARCH MANITOBA IS TO PROMOTE
AND SUPPORT, AND COORDINATE THE FUNDING OF, RESEARCH
IN THE HEALTH, NATURAL AND SOCIAL SCIENCES, ENGINEERING
AND THE HUMANITIES IN MANITOBA.

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MESSAGE FROM THE CHAIR



DR. BRIAN POSTL

CHAIR

*Dean and Provost, Max Rady
College of Medicine, Rady
Faculty of Health Sciences,
University of Manitoba*

Manitoba has a formidable research community, with globally recognized research strengths in arctic science, aerospace, functional foods, health, and indigenous and urban studies. We are rightfully proud of the momentum of Research Manitoba, the researchers, and the world class research taking place.

Our role is to continue to improve the research environment and increase the use of the knowledge generated. The 'Research Improvements Through Harmonization in Manitoba' [RITHIM] project is streamlining administrative and regulative processes and improving time-to-conduct in Manitoba. The Steering Committee and Working Group are working diligently and I would like to thank them for their dedication and efforts.

Research Manitoba continues to deliver the message that research is vital not only for our health and quality of life, but also for greater prosperity. For every \$1.00 invested by Research Manitoba, an additional \$5.00 is leveraged into Manitoba for research.

Impact Reports are in-depth descriptions of research and its influence on our lives and our economy. The kidney transplant research impact report was well-received by the research community and stakeholders here and across Canada. Three more Impacts reports are now underway.

This year, we took part in several research funding announcements; and have published special reports in five issues of the Winnipeg Regional Health Authority's "WAVE" magazine. We also increased our online visibility, using social media to reach new audiences and drive engagement.

We're embarking on a path to better governance to strengthen the research enterprise in Manitoba. Our Board has prepared the organization for a strategic planning process that will unfold in 2017/18.

In 2016/17, our strong and diverse Board devoted their time to ensure we carry out our duties and responsibilities with diligence; I would like to thank these dedicated members for their wisdom, judgment, and contributions. Our Board composition balances knowledge and experience and academia and industry, which creates a more resilient organization.

As Chair, I have been privileged to work with accomplished Board Members, dedicated staff, and creative, passionate researchers. As we move forward, we will remain flexible and adaptive to the changing funding landscape and as always, explore innovative ways to increase stakeholder engagement, and prepare for the bright future we know is on the horizon.

So many people in this province are a part of Research Manitoba: working face-to-face with patients; forging ahead with national and international collaborations; and pushing themselves to deliver results. Their research is improving our lives. I look forward to seeing the accomplishments and celebrating their achievements – world class research thrives here in Manitoba.



MESSAGE FROM THE CHIEF EXECUTIVE OFFICER

Our commitment is to ignite discovery and innovation, to explore a better quality of life for those we serve and beyond. Today, we see many accomplishments that will provide best outcomes for Manitobans and Canadians.

Throughout the year, management and staff engaged in outreach and consultations with many organizations and stakeholders to identify the best ways for Research Manitoba to support pre-commercialization and applied research. At every opportunity, we increased awareness of the value of research and the capabilities of Manitoba's researchers.

Through the Research Connections program we sponsored 32 events which impacted not only the research community, but also the local economy.

Research Manitoba leads the National Alliance of Provincial Health Research Organizations' (NAPHRO) Impacts Harmonization Project. The harmonized impact data will provide the foundation to start a collective impact discussion and enhance our shared ability to inform decisions and policies.

This year, we developed an impact framework to include outcomes and impacts derived from the natural sciences and engineering (NSE) and social sciences and humanities (SSH) disciplines. The framework helps researchers capture the strategic value of their work and the impacts generated; it informs documentation and reporting, and enhances communication. Our experience in developing the framework has been shared with science-based federal agencies with interests in impact assessment.

Our partners play an invaluable role in what we've become and where we're headed therefore, it's important to acknowledge and thank the numerous institutions, businesses, and organizations who invest in and help to advance our funding efforts in Manitoba.

Partnerships allow us to train the research leaders of tomorrow, provide jobs for Manitobans, and leverage funding into our province. For every dollar Research Manitoba invested in 2016/17, our partners invested an additional \$1.70 into Manitoba.

I would like to thank our Research Advisory Committee (RAC) for their contributions and commitment as they continue to strive for excellence regarding Research Manitoba's funding and program delivery.

In 2016 our Finance and Administration department had a few changes: we said goodbye to Elesio Lasuba, welcomed and said goodbye to Ms. Sophia Schroeder, Director of Finance and Administration, and finally, welcomed Tim Reddecopp as the new Director of Finance and Administration.

Our role remains strong and continues to grow. We invest in Manitoba and the research enterprise to develop the best programs, acquire and empower the best people, and achieve the best outcomes.

We're proud of what we've accomplished and where we're headed.



CHRISTINA WEISE
CHIEF EXECUTIVE OFFICER

Research Manitoba

RESEARCH MANITOBA BOARD MEMBERS

Research Manitoba's Board includes membership from the research community, provincial government, business, academic institutions, and health agencies. The Board's appointments are made by order in Council by the Government of Manitoba.



DR. BRIAN POSTL
CHAIR

Dean & Vice Provost, Max Rady College of Medicine, Rady Faculty of Health Sciences, University of Manitoba



DR. DIGVIR JAYAS
VICE CHAIR

Vice-President (Research and International), Office of the President, University of Manitoba



MR. BOB BRENNAN
SECRETARY TREASURER

Former President and CEO, Manitoba Hydro (Retired)



DR. SYLVIE ALBERT

Dean, Faculty of Business and Economics, University of Winnipeg



MR. DONALD J. BOITSON

Vice-President, North American Operations, Magellan Aerospace Limited



DR. JINO DISTASIO

Vice President, Research and Innovation, Director, Institute of Urban Studies, University of Winnipeg



DR. GERVAN FEARON

President and Vice-Chancellor, Office of the President, Brandon University



MR. RICK JENSEN

Director of Communications, Community and Government Relations, Boeing Canada Operations Ltd (Boeing Winnipeg) (Retired)



MR. CHRIS JOHNSON

Co-Founder and CEO, Permission Click, and Founding Board Member, North Forge Technology Exchange



DR. JOHN LANGSTAFF

PhD.



RESEARCH MANITOBA BOARD MEMBERS



DR. SUSAN McCLEMENT

Professor, College of Nursing, Rady Faculty of Health Sciences, University of Manitoba



DR. SHAUNA MACKINNON

Assistant Professor, Urban and Inner City Studies, University of Winnipeg



DR. PETER NICKERSON

Vice Dean (Research), Max Rady College of Medicine, Rady Faculty of Health Sciences, University of Manitoba



MS. CATHY NIERODA

Managing Consultant, Solvera Solutions



DR. LAURA SAWARD

Senior Vice President, Antibody Therapeutics Business Unit Lead, Emergent Biosolutions



DR. BARBARA L. TRIGGS-RAINE

Professor, Department of Biochemistry and Medical Genetics, Max Rady College of Medicine, Rady Faculty of Health Sciences, University of Manitoba



MS. ARLENE WILGOSH

Former President and CEO, [Retired] Winnipeg Regional Health Authority [WRHA]

EX OFFICIO, NON-VOTING:



MR. JAMES WILSON

Deputy Minister, Growth Enterprise and Trade, Province of Manitoba



MS. KAREN HERD

Deputy Minister, Manitoba Health, Seniors and Active Living, Province of Manitoba

RESEARCH MANITOBA STAFF

Research Manitoba's staff is dedicated to supporting, promoting, and advancing outstanding research in the Province of Manitoba. Each member brings his/her own unique experience and expertise, creating an environment of energetic collaboration in the pursuit of excellence.



MS. FREYJA ARNASON
MANAGER OF PARTNERSHIP
PROGRAMS



MR. AMBROSIO P. CATALLA
EVALUATION AND
POLICY ANALYST



MS. ANDR E DUPONT
EXECUTIVE ASSISTANT



MS. MARCIE FEHR
ADMINISTRATIVE ASSISTANT,
FUNDING PROGRAMS



MS. KRISTEN HOOPER
COMMUNICATIONS OFFICER



MR. ELESIO LASUBA
ACCOUNTING ASSISTANT



TIM REDDECOPP
DIRECTOR, FINANCE AND
ADMINISTRATION



MS. SHANNON ROGALSKI
DIRECTOR,
FUNDING PROGRAMS



MS. SANCHITA SARKER
EVALUATION ASSISTANT



MS. SOPHIA SCHROEDER
DIRECTOR, FINANCE AND
ADMINISTRATION



MS. NICOLE SOMMERSELL
MANAGER OF HEALTH
RESEARCH FUNDING
PROGRAMS



MS. CHRISTINA WEISE
CHIEF EXECUTIVE OFFICER



RESEARCH ADVISORY COMMITTEE

RESEARCH ADVISORY COMMITTEE MEMBERS FROM APRIL 1, 2016 – MARCH 31, 2017:

DR. BARBARA TRIGGS-RAINE
CHAIR

[Research Manitoba Board Representative]

DR. JUDY ANDERSON

*Department of Biological Sciences,
University of Manitoba*

DR. DANNY BLAIR

Department of Geography, University of Winnipeg

PROFESSOR KAREN BUSBY

Faculty of Law, University of Manitoba

DR. PATRICIA CAETANO

*Provincial Drug Programs, Manitoba Health,
Seniors and Active Living*

DR. HEATHER DUNCAN

*Associate Vice-President Research and Dean of
Education, Brandon University*

DR. KENT HAYGLASS

*Department of Immunology,
University of Manitoba
[Term ended November, 2016]*

MR. RAY HOEMSEN

*Research Partnerships & Innovation,
Red River College*

DR. POURANG IRANI

*Department of Computer Science,
University of Manitoba*

DR. JOSÉE LAVOIE

*Department of Community Health Sciences,
University of Manitoba*

DR. MICHELLE LOBCHUK

College of Nursing, University of Manitoba

DR. BRIAN MARK

Department of Microbiology, University of Manitoba

DR. NICOLE ROSEN

Department of Linguistics, University of Manitoba

DR. SAMAR SAFI-HARB

*Department of Physics and Astronomy,
University of Manitoba*

DR. CAROLYN SNIDER

*Department of Emergency Medicine,
University of Manitoba*

DR. FEIYUE (FEI) WANG

*Department of Environment and Geography,
University of Manitoba*

DR. KRISTY WITTMEIER

*Department of Pediatrics and Child Health,
University of Manitoba
[Term ended November, 2016]*

DR. ROBERTA WOODGATE

*College of Nursing, University of Manitoba
[Term ended November, 2016]*

EX-OFFICIO MEMBERS

—

DR. SUSAN MCCLEMENT


[Research Manitoba Board Representative]

DR. JINO DISTASIO

[Research Manitoba Board Representative]

The Research Advisory Committee [RAC] provides advice and makes recommendations to the Board on all research-related matters including administration of existing programs, opportunities for development of new programs, and research initiatives.

2016/17 EXPENDITURES



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— Researcher / Trainees /
Research Activities
Funded

In 2016-17, Research Manitoba had a budget of \$17.1 million.

TOTAL PROGRAMS FUNDED

||||| 44 — #OF TRAINEES FUNDED

||||| 62 — #RESEARCHERS/INVESTIGATORS FUNDED

||||| 27 — #OF RESEARCH CONNECTIONS FUNDED

2016/17 EXPENDITURES

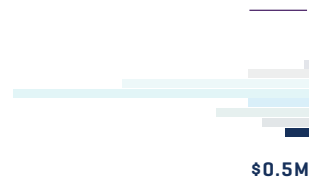


STRATEGIC INVESTMENTS IN RESEARCH AND INNOVATION (SIRI)	\$0.5M
MANITOBA RESEARCH AND INNOVATION FUND (MRIF)	\$1M
INDIRECT COSTS — HEALTH RESEARCH INITIATIVE (HRI)	\$2M
DIRECTED FUNDING — MULTIPLE SCLEROSIS (MS), STRATEGY FOR PATIENT-ORIENTATED RESEARCH (SPOR)	\$1.1M
MATCHING NATIONAL FUNDING	\$6.4M
RESEARCH PROGRAMS	\$4.7M
COLLABORATIVE RESEARCH TEAM / CLUSTER GRANT	\$1.3M
RESEARCH CONNECTIONS PROGRAM	\$0.1M

FUNDING PROGRAMS

This listing includes programs that ended prior to the 2016/2017 fiscal year, but still have ongoing payments.

Our funding programs are designed to support the research enterprise in Manitoba; programs and projects funded by Research Manitoba are relevant to our mandate. In 2016-17, Research Manitoba continued to expand programming to encompass the Social Sciences and Humanities (SSH) and Natural Sciences and Engineering (NSE) disciplines.



STRATEGIC INVESTMENTS IN RESEARCH AND INNOVATION (SIRI)

SIRI investments enhance the competitiveness and capacity of the research and/or innovation systems in Manitoba with support for cutting-edge, end-user driven research, and innovation activities.



MANITOBA RESEARCH AND INNOVATION FUND (MRIF)

The **MRIF** expands Manitoba's research capacity, enhances research infrastructure, enables research programs, and provides key support to emerging areas.



INDIRECT COSTS – HEALTH RESEARCH INITIATIVE (HRI)

The **HRI** program provides annual funding to assist Manitoba health research centres in meeting a portion of their operational expenses related to conducting health research within the centres.



DIRECTED FUNDING

MULTIPLE SCLEROSIS (MS) FUNDING

Ongoing support for national and provincial activities to support clinical trials in MS (and related activities), utilizing one-time Government of Manitoba funding of \$5 million.

STRATEGY FOR PATIENT ORIENTED RESEARCH (SPOR)

Funding in support of CIHR's SPOR is used to strengthen support for clinical trials and intervention studies as well as research that compares the effectiveness, benefits, and harms of existing treatment options. The strategy also to improve the translation of innovative preventative, diagnostic, and therapeutic approaches into health care settings by expanding research in implementation science and incorporating these methods into day-to-day practice.

FUNDING PROGRAMS



MATCHING NATIONAL FUNDING

CANADA FOUNDATION FOR INNOVATION (CFI)

The CFI is the federal government agency for funding research infrastructure, such as state-of-the-art equipment, laboratories, databases, specimens, scientific collections, computer hardware and software, communications linkages, and buildings necessary to conduct leading-edge research. Research Manitoba's CFI Matching Fund program provides matching funds (40% of project total) for proposals that have been awarded grants through one of CFI's competitions.

MANITOBA CENTRES OF EXCELLENCE FUND (MCEF)

Research and development support mechanism for Manitoba researchers participating in national research networks who have been successful under the Federal Government's Networks of Centres of Excellence (NCE) program.

PARTNERSHIPS FOR HEALTH SYSTEM IMPROVEMENT (PHSI)

Support for projects applying to the CIHR's PHSI program builds capacity in health services research. It may also be used for targeted Request for Applications in this area, provided that PHSI is under-subscribed.



RESEARCH PROGRAMS

MANITOBA RESEARCH CHAIRS

Intended to support the continued growth of successful research programs of internationally recognized independent investigators. Valued at \$100,000/year for five years.

ESTABLISHMENT GRANTS

Support for the establishment of research programs of recently recruited faculty members. Up to \$100,000 over a three-year period.

NEW INVESTIGATOR OPERATING GRANTS

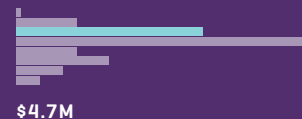
Health Research New Investigator Operating grants are intended to support independent health research programs of new faculty who have typically recently completed their postdoctoral training. This grant will provide funding for a maximum of three years, for a maximum amount of \$75,000/year.

MID-CAREER OPERATING GRANTS

Health Research Mid-Career Operating Grants are intended to help mid-career investigators with established research programs within the province, develop and/or re-establish key components of their research programs that will increase their success in obtaining funding from national and other external agencies. This grant will provide funding for a maximum of two years, for a maximum amount of \$75,000/year.

CLINICAL RESEARCH FELLOWSHIPS

Support, on a matching basis, for a period of research training for high-quality candidates with undergraduate medical degrees, or equivalent, who intend to pursue careers as clinician-researchers.



FUNDING PROGRAMS



\$4.7M

RESEARCH PROGRAMS

POSTDOCTORAL FELLOWSHIP AWARDS

Support for highly qualified postdoctoral trainees to prepare for careers as independent health researchers. All two-year awards consist of an annual stipend of \$36,750 (plus benefits) and a one-time travel allowance of \$1,500.

GRADUATE STUDENTSHIPS AWARDS

Stipend support for highly qualified Master's and PhD trainees to prepare for careers as independent health researchers, in industry, or within the health system. All two-year awards consist of an annual stipend of \$17,850.

PHD DISSERTATION AWARDS

Support for graduate students in population and health related social sciences who work on projects that are not directly related to their supervisor's research program. Funding for these awards provides up to a maximum of \$5,000.

B.SC. MED SUMMER STIPENDS

This stipend provides students a modest level of financial support to allow them to defer employment in order to pursue a significant research project over the summer months.

RESEARCH MANITOBA OPPORTUNITIES GRANT

Support for basic science core platforms within the biomedical research community at the Max Rady College of Medicine at the University of Manitoba.



\$1.3M

COLLABORATIVE RESEARCH TEAM/CLUSTER DEVELOPMENT PROGRAM

THE GOALS OF THE PROGRAM

- Support multidisciplinary research programs, which have a specific major objective/basic theme;
- Support innovative and cutting-edge research that advances Manitoba as a national/international leader in the field;
- Address research questions that cannot be accomplished by an individual researcher's program; support research that engages appropriate end-users in the development of the research question;
- Apply the findings, which are relevant and will have an impact on the health of Manitobans and the health system.

FUNDING PROGRAMS



RESEARCH CONNECTIONS: EVENT SPONSORSHIP

This program provides matching funds to support research conferences, workshops, research days, and like events to promote the advancement and exchange of research knowledge in Manitoba, by encouraging linkages between and among researchers. Support may be up to a maximum of \$5,000 per event, and must be matched at least equally by other financial support



PILOT PROGRAMS [2016-17]

RESEARCH MANITOBA GRADUATE SCHOLARSHIPS

Research Manitoba piloted a research graduate scholarship competition in the Social Sciences and Humanities [SSH] and Natural Sciences and Engineering [NSE] disciplines. This scholarship competition relies on the existing selection/ranking processes within institutions for Canada Graduate Scholarships [Master's only], and is intended to expand the number of graduate students undertaking research in these disciplines. Scholarships are valued at \$17,500 for 12 months, non-renewable.

TRI-COUNCIL BRIDGE FUNDING PROGRAM

The Research Manitoba Tri-Council Bridge Funding Program supports grant applications falling below the funding capacity of targeted Canadian Institutes of Health Research [CIHR], Social Sciences and Humanities Research Council [SSHRC], and the Natural Sciences and Engineering Research Council [NSERC] funding competitions, to help increase the likelihood of success in their resubmission. Tri-Council Bridge Funding grants consist of a 1:1 match, with a maximum grant of \$32,500 from Research Manitoba and a maximum total grant of \$65,000 for one year.

PROGRAM FUNDING BY SECTOR

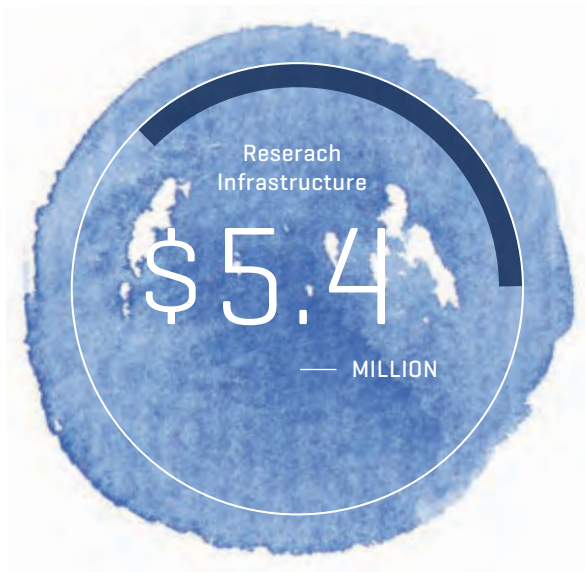
\$17.1
MILLION

FUNDING BY SECTOR

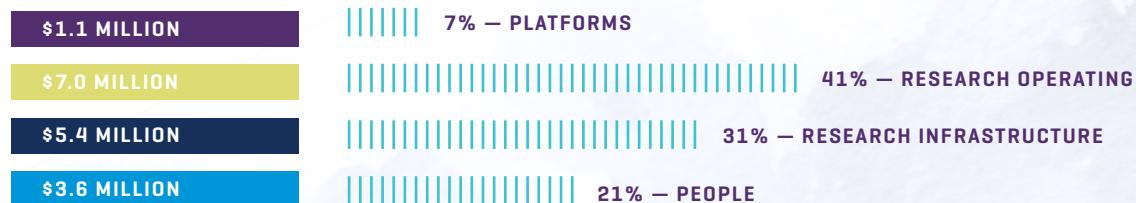




PROGRAM FUNDING BY EXPENSE

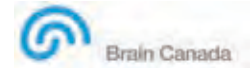


FUNDING BY EXPENSE



WORKING IN PARTNERSHIP

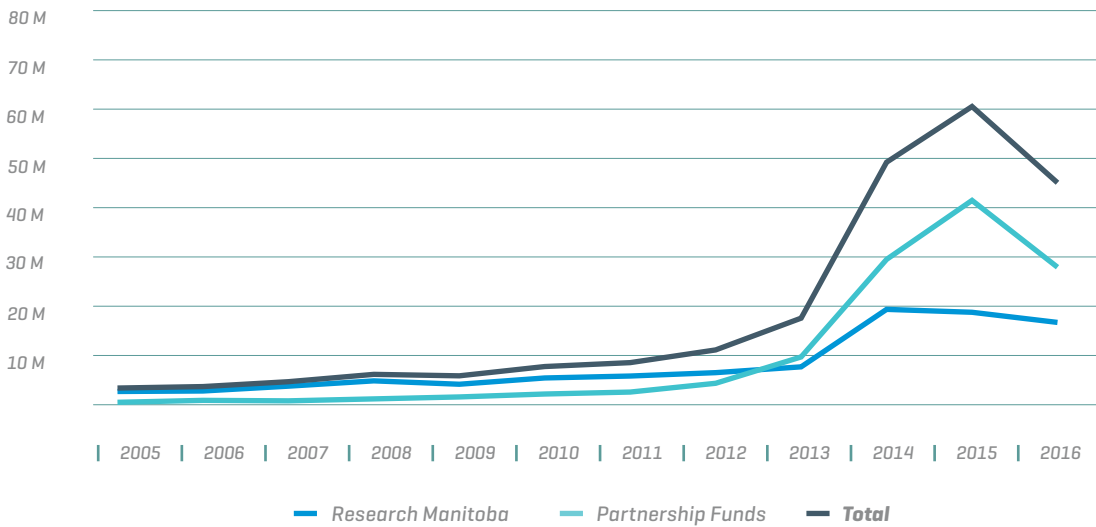
Partnership is a critical component of maximizing the research potential within the province. Research Manitoba is pleased to work with the following organizations and institutions:





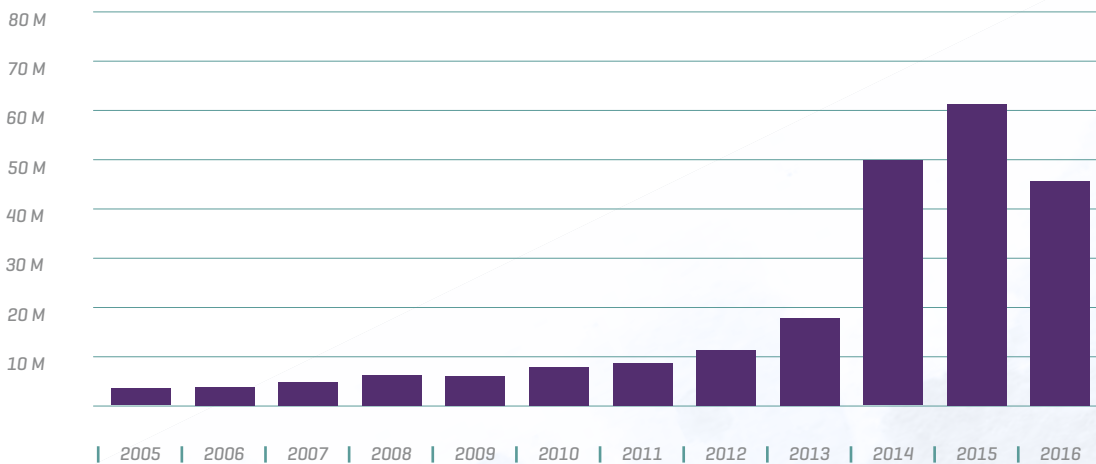
PARTNERSHIP FUNDING

PARTNERSHIP FUNDS, 2005-2016 (\$ MILLIONS)



Research Manitoba considers any money that supported researchers get from other sources for the same project/program, over and above Research Manitoba's investments, as partnered funds.

TOTAL PARTNERSHIP FUNDS, 2005-2016 (\$ MILLIONS)



On January 16, 2017, Research Manitoba and the Government of Canada announced a \$4 Million Investment in GENICE: Genomics Research in Oil Spill Preparedness and Emergency Response in Arctic Marine Environment. Research Manitoba spoke recently with lead researchers Dr. Gary Stern and Dr. Casey Hubert.

DR. GARY STERN, PROFESSOR, UNIVERSITY OF MANITOBA, CENTRE FOR EARTH OBSERVATION SCIENCE

DR. CASEY HUBERT, ASSOCIATE PROFESSOR, DEPARTMENT OF BIOLOGICAL SCIENCES, UNIVERSITY OF CALGARY

1. WHAT WAS THE ORIGINAL MOTIVATION FOR THE FOCUS OF YOUR RESEARCH PROGRAM?

The Canadian Arctic is experiencing extraordinary changes according to both environmental and socioeconomic indicators. Reduced sea ice cover and ice-free summers have led to a tripling in vessel traffic since 1990. With this increased activity also comes greater risk of accidental spills of fuel and other transportation-related contaminants. Climate change has also focused attention on Arctic oil exploration and attendant fears of an oil spill. Significant oil reserves are estimated to exist in the Arctic, yet recent decisions by major oil producers including Shell, ExxonMobil, Chevron signal that drilling in the Canadian Arctic is at least a decade away. GENICE will introduce genomics approaches to deliver a new understanding of Arctic marine microbial communities – the first responders to marine oil spills in Canada’s northern waters. This way, the potential for bioremediation will be assessed, addressing the urgent need for oil spill mitigation technology related to Arctic shipping, to seize the window of opportunity to develop science-informed policy before any Arctic oil production commences.

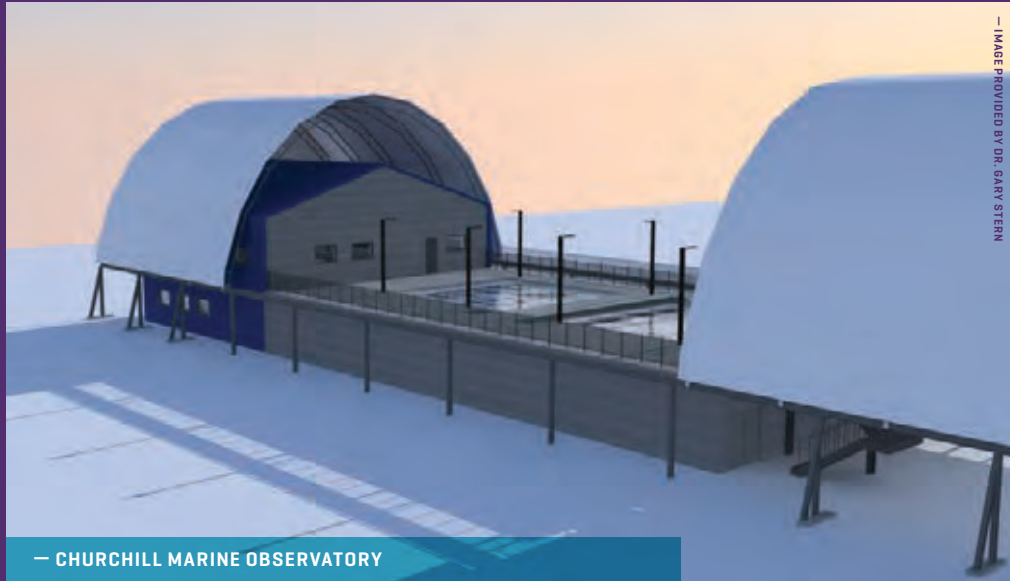
2. WHAT ARE THE FACTORS THAT ENCOURAGED YOU TO CONDUCT YOUR RESEARCH?

DR. GARY STERN:

I wanted to tie chemistry to the environment and in particular contaminant related issues. Over the past decade or two the study of contaminant cycling and process has been very much affected by climate change and, in particular, the loss of sea-ice in the Arctic marine ecosystem.

DR. CASEY HUBERT:

Microbial communities have tremendous impacts on our world, from the healthy functioning of our bodies to ensuring there is oxygen in the air we breathe to catalysing multiple biogeochemical cycles on a planetary scale. As an undergraduate student, I became increasingly motivated by the possibilities of microbiology beyond human health, and particularly related to industrial and natural environments. Microbes have lots of potential to be used in engineering interventions, but we need to harness it. For example, in the event of an oil spill, naturally occurring microbes can biodegrade hydrocarbon contamination – this is the focus of our GENICE research project.



“The more we know about microbial communities, the better we will be able to understand ourselves and our environment, and step in to commandeer their help for all kinds of problem solving.”

— Dr. Casey Hubert

3. WHAT ARE THE REAL-LIFE APPLICATIONS OF YOUR RESEARCH THAT MAY BENEFIT MANITOBIANS AND CANADIANS?

CANADA

The GENICE is focused on Arctic oil spills – events that nobody wants to see happen. Genomics has the potential to lessen the damage caused by these events, which many Canadians think are inevitable. Genomics provides a context in which GENICE will introduce Canadians, including especially key end users and stakeholders, to bioremediation as an oil spill mitigation solution. Even in the absence of a spill, genomics and GENICE will offer Canadians the opportunity to embrace better preparedness based on confidence arising from scientific evidence, through genomics, about biodegradation and marine microorganisms.

- + Robust emergency preparedness will bring benefits to Canada through more informed decision-making around sustainable economic development in the Arctic.
- + Private sector actors will be able to conduct business more responsibly if fears about Arctic oil spills give way to science-informed policies and decision-making.
- + Potential cost savings in marine shipping insurance premiums may result from the knowledge that GENICE will deliver.
- + Social benefits of the project will include the opportunity to engage with Indigenous groups in northern Canada, in the context of genomic sciences, helping bring together relevant groups for two-way knowledge exchange around the risks and opportunities associated with sustainable development in Canada's Arctic.



— IMAGE PROVIDED BY DR. GARY STERN

— INFORMATION SHARING SESSION, CANADIAN COAST GUARD & GENICE

GENICE



— IMAGE PROVIDED BY DR. GARY STERN

— CANADIAN COAST GUARD SHIP

MANITOBA

The GENICE research area is an ideal fit for the Canadian subarctic, specifically Hudson Bay, Hudson Strait and Foxe Basin. The region is exposed to intense and increasing ship traffic, contains natural resource deposits, and is home to the Port of Churchill, the new Churchill Marine Observatory facility, and the Churchill Northern Studies Centre (CNSC). Hudson Bay is ecologically sensitive to climate change and industrialization and considered a bellwether for broader Arctic ecosystems. Hudson Bay is experiencing an increase in shipping traffic, much of it related to the Port of Churchill. The Hudson Strait has the highest ship traffic volume in the Canadian Arctic, nearly double that of other regions. The Port of Churchill, Canada's only deep-water port, can only be accessed by ship during the open water season (mid July to early November) and is a significant gateway for exports, re-supply freight per year. Ship traffic is expected to increase with future exploration and extraction of natural resources in Hudson Bay and adjacent areas, including oil and gas deposits. Port and shipping companies are considering oil shipments through the Port of Churchill given its proximity to the oil sands in nearby northern Alberta as well as the prolific Bakken formation in nearby North Dakota. Tanker traffic in Hudson Bay is therefore anticipated in the years ahead, handling roughly 10,000 tonnes of marine re-supply freight per year.

RESEARCH CONNECTIONS

The Research Connections program provides matching funds to support research conferences, workshops, research days, and like events to promote the advancement and exchange of research knowledge in Manitoba, by encouraging linkages between and among researchers and other stakeholders.

SPONSORED EVENTS IN 2016-17

Canadian Centre for Agri-Food Research in Health and Medicine [CCARM] Conference - "Therapeutic Applications of Functional Foods and Bioactives"
APRIL 20, 2016

Information & Communication Technologies Association of Manitoba [ICTAM] - The Innovators 2016
APRIL 21, 2016

30th Annual Western Canadian Undergraduate Chemistry Conference [WCUCC]
MAY 5-7, 2016

Manitoba Undergraduate Healthcare Symposium
MAY 6-8, 2016

Health, Leisure & Human Performance Research Institute [HLHPRI] 4th Annual Research Day
MAY 11, 2016

St. Boniface Research Centre Hall of Fame Dinner
MAY 12, 2016

Pathways to Health Equity Conference - "Levelling the Playing Field"
MAY 30-JUNE 1, 2016

2nd Annual Meeting of the Biophysical Society of Canada
JUNE 1-3, 2016

2016 Biannual Les Français D'ici Conference
JUNE 6-9, 2016

8th Annual Canadian National Medical Student Research Symposium [CNMSRS]
JUNE 7-9, 2016

Canadian Student Health Research Forum [CSHRF]
JUNE 7-10, 2016

Canadian Society for Epidemiology and Biostatistics [CSEB] - National Student Conference
JUNE 8-10, 2016

Workshop on Small Animal Magnetic Resonance [MR] and Hybrid Positron Emission Tomography [PET] /MR Imaging
JUNE 20, 2016

Pathways to Reconciliation Conference - "A Gathering Connecting Canadians in Conversations"
JUNE 15-18, 2016

Canadian Academy of Health Sciences [CAHS] 2016 Forum - "Solutions to Inequities in Indigenous Health: What Works and Why?"
SEPTEMBER 15, 2016

12th Annual Canadian Chronic Lymphocytic Leukemia [CLL] Meeting
SEPTEMBER 29-30, 2016

Canadian Health Workforce Conference - "Optimizing the Canadian Health Workforce"
OCTOBER 3-5, 2016

Children's Hospital Research Institute of Manitoba [CHRIM] - 12th Annual Child Health Research Day
OCTOBER 6, 2016

Association for Canadian Studies Regional Symposium - "Migration and Refuge in Western Canada"
OCTOBER 21-22, 2016

Canada Gairdner Awards - 2016
OCTOBER 27, 2016

Canadian Medical Hall of Fame [CMHF] - TD Discovery Days in Health Sciences
NOVEMBER 4, 2016

Canadian Cancer Research Alliance [CCRA] - Annual Meeting
NOV 30-DEC 1, 2016

The Creative Writing Research Workshops at the University of Winnipeg
MARCH 2-4, 2017

Oil Spills in Ice-Covered Arctic Waters [OSICA] Workshop
MARCH 13-14, 2017

Applied Research and Innovation Day at Red River College [RRC]
APRIL 6, 2017

Caravan Archaeologies: En Route to the Past, Present, and Future - Workshop
MAY 3-5, 2017

Society for Research on the Cerebellum [SRC] - 8th International Symposium
MAY 28-30, 2017



REVIEW PROCESS

Each year Research Manitoba employs a competitive peer/merit review process to evaluate and select research funding proposals for the Board's approval. The review process is undertaken by a committee of active experts with the appropriate background and knowledge of the application topics under review. Committee members review applications in advance of the Committee meeting and then discuss, assess, and score the applications during an in-person meeting. Each committee is also chaired by a respected researcher from a relevant field and, in some cases, accompanied by a skilled Scientific Officer. It would be impossible to conduct our Grants and Awards competition without the volunteer time received from our review committee members and we greatly acknowledge them in making our competitions run successfully and smoothly.

For more information or to see a list of our 2016-17 Review Committees please visit our website: www.researchmanitoba.ca.

OBSERVER PROGRAM

"The readily apparent dedication of the review committee members to ensuring that reviews performed were thorough and of good quality. Several comments from the review committee resonated with feedback and suggestions that I have received previously about writing grants [e.g. clarity of proposal is instrumental, methodologies must be justified, pitfalls identified, etc]."

— QUOTE FROM OBSERVER/PARTICIPANT

Research Manitoba uses a peer/merit review process to ensure that applications for provincial research funds are fairly and rigorously adjudicated. Through our Observer Program, investigators and other community stakeholders interested in learning more about the process can sit in on a review committee meeting to gain an appreciation for the rigor of the evaluation process, to learn how to strengthen their own applications, and to increase their understanding of the value of peer/expert reviews.

During the 2016-17 health research competition, Observers sat in on the New Investigator Social Population Health Committee, the Social Population Health Trainee Committee, and the New Investigator Basic Biomedical Health Committee.

RESEARCH PROMOTION

As part of our mandate to promote and support research in the health, natural and social sciences, engineering and the humanities in Manitoba, Research Manitoba shares the impacts of researchers' work in a number of forums.

IMPACT REPORTING

This year, Research Manitoba introduced the first in our series of impact reports, highlighting the economic, social and health-related impacts of research in Manitoba.

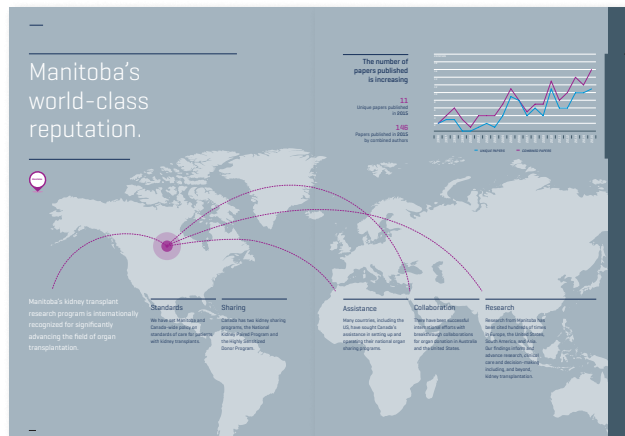
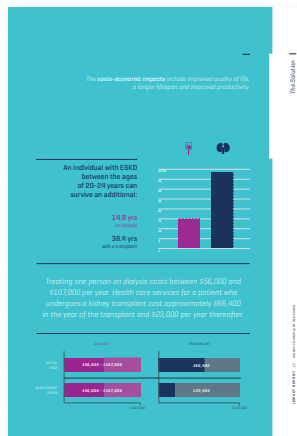
The first report highlighted Manitoba's world-leading role in kidney transplant research, which has saved thousands of lives and millions of dollars in Canada and around the world; and has become the basis for reducing the incidence of rejection and minimizing the use of anti-rejection medications for patients with all types of organ transplants.

Work is underway on a Composites Impact Report, which features Manitoba's leadership in composites research and application supporting the private sector in industries such as aerospace, ground vehicles, and industrial products. Collaborations with global partners and initiatives in biocomposites will enhance the creation of full-scale economic opportunities and environmental benefits.

There are many more exciting research impact stories to tell, through the Impact Report series, over the coming years.

Research Manitoba has also developed an impact assessment framework that describes the initiation and diffusion of research impacts, their inter-relationships and their synergistic nature. This framework has been shared with research colleagues across Canada.

KIDNEY TRANSPLANT RESEARCH / IMPACT REPORT



RESEARCH PROMOTION

WAVE MAGAZINE

Research Manitoba's WAVE stories are created by working with the Winnipeg Regional Health Authority's (WRHA) magazine staff. Throughout the year we compose stories that allow us to peek inside various research environments and to learn about how the research touches our lives.

In 2016/17, we participated in five issues and created special reports on some of the outstanding work being carried out by Manitoba researchers in the following areas:

- > The Manitoba Developmental Origins of Chronic Diseases In Children Network (DEVOTION)
- > The Manitoba Personalized Lifestyle Research (TMPLR) Program
- > Chronic Lymphocytic Leukemia (CLL)
- > SIMTReC – Centre for Structural Innovation and Monitoring Technologies Inc. (Formerly know as ISIS Canada Resource Centre)
- > Translating Emergency Knowledge for Kid (TREKK)

SPECIAL REPORTS FOR 2016-17



2016
MAY / JUN.



2016
JUL. / AUG.



2016
SEP. / OCT.



2016
NOV. / DEC.



2017
JAN. / FEB.



OUTCOMES AND IMPACTS IN 2016/17

RESEARCH AGREEMENTS

RM-CFI funded research infrastructure has facilitated 48 formal collaborative research agreements: 16 of the collaborative research and 11 of the research contracts were with groups outside Manitoba and Canada.

48

24
COLLABORATIVE
RESEARCH

19
RESEARCH
CONTRACTS

05
CONSULTANCIES

In 2016/17, investigators supported by Research Manitoba reported outcomes such as building the capacity for research, contributing to the knowledge pool, and economic impacts.

TRAINING AND EDUCATION

Undergraduate students [27], graduate students [23], and postdoctoral fellows [7] trained.



ECONOMIC IMPACTS

\$4.21 LEVERAGED FUNDING PER DOLLAR SUPPORT

5 PATENT APPLICATIONS

JOB CREATION

RMB-CFI funded research infrastructure has also led to the creation of 48 jobs, 67% of which were created within the host institution.

JOB TYPES OUTSIDE INSTITUTION



COMMUNITY ENGAGEMENT



Happy to chat with @uwinnipeg #chemistry #undergrads. Excited for their presentations #research #manitoba #science



Looking forward to new #collaborations this evening at #Innovators2016 ! Lots of buzz here in #Winnipeg.



Lots of excitement today at the CAre Lab opening - congrats to Dr. Lobchuk and team! @InnovationCA @um_research



Congrats to Dr. Marrie as Waugh Family Chair in MS. Proud to support this by providing \$1.1M prov. funds #mbpoli



Thanks for the #GBW2016 breakfast event and bus tour! MB has an amazing #biotech & #lifesciences community! @LifeScienceMB @MBGov @TMPLRp



@Bell and @MTSTalks announced today in #ywg @InnovateAlley faster Internet! Lots of buzz and innovative companies the alley this afternoon.



@RRC so nice to see you today! Lots of cool demos and displays to see at the BETAC open house this afternoon! #research #innovation



@BrandonUni we are happy to be a part of tonight's celebration - Congrats to your Tri-Agency recipients! #bdnmb #research #innovation

COMMUNITY ENGAGEMENT



@CdnMedHallFame we are really excited to be a part of the TD Discovery Days here in MB! Dr. Allan Ronald welcomed the group of students.



Thanks @RRC for giving our Board a tour - many amazing things going on @RRCResearch! Looking forward to your #ResearchImpacts & successes.



@RRC @RRC @DrRobbieO @Min_Wishart announce Phase 2 MotiveLab - a unique extreme testing facility for Western #Canada



We welcome the CCRA and its members to #ywg for their annual mtg. @CancerCareMB @CMHR_News it was a pleasure to share this evening with you.



An inspiring evening @ArcticNet @ArcticPrize. Vincent Ho's symphony performed by @WpgSymphony was amazing! Excited for #arcticprize2016 #ywg



Congrats to GENICE lead/co-lead Drs. Hubert & Stern! @UCalgary @umanitoba @GenomeCanada @TerryDuguid @SGuillemardMLA @GenomePrairie #Arctic



Congratulations to Most Promising #LifeScience Student Scott Dyck! @LifeScienceMB @UM_RadyFHS @um_research #Manitoba #ResearchersMatter #YWG



Investing in infrastructure - \$1.36M & funds from @InnovationCA for 9 CFI-JELF projects @umanitoba @CHRIManitoba @CancerCareMBFdn #research

MANAGEMENT'S RESPONSIBILITY LETTER

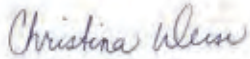
For the year ended March 31, 2017

The accompanying financial statements are the responsibility of the management of *RESEARCH MANITOBA* and have been prepared in accordance with public sector accounting standards. In management's opinion, the financial statements have been properly prepared within reasonable limits of materiality, incorporating management's best judgment regarding all necessary estimates and all other data available to June 13, 2017.

Management maintains internal controls to properly safeguard the assets and to provide reasonable assurance that the books and records from which the financial statements are derived accurately reflect all transactions and that established policies and procedures are followed.

The responsibility of the external audit is to express an independent opinion on whether the financial statements of Research Manitoba are fairly represented in accordance with public sector accounting standards. The Independent Auditor's Report outlines the scope of the audit examination and provides the audit opinion.

On behalf of Management,
RESEARCH MANITOBA



Christina Weise, Chief Executive Officer
June 13, 2017.



INDEPENDENT AUDITOR'S REPORT

To the Board of Directors of the *RESEARCH MANITOBA*

We have audited the accompanying financial statements of *RESEARCH MANITOBA*, which comprise the statement of financial position as at March 31, 2017, and the statement of operations and fund balance and statement of cash flows for the year then ended, and a summary of significant accounting policies and other explanatory information.

MANAGEMENT'S RESPONSIBILITY FOR THE FINANCIAL STATEMENTS

Management is responsible for the preparation and fair presentation of these financial statements in accordance with Canadian public sector accounting standards, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

AUDITOR'S RESPONSIBILITY

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with Canadian generally accepted auditing standards. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

OPINION

In our opinion, the financial statements present fairly, in all material respects, the financial position of *RESEARCH MANITOBA* as at March 31, 2017 and the results of its operations and its cash flows for the year then ended in accordance with Canadian public sector accounting standards.

BDO Canada LLP

Chartered Professional Accountants
Winnipeg, Manitoba
June 13, 2017

STATEMENT OF FINANCIAL POSITION

March 31	2017	2016
Assets		
CURRENT ASSETS		
Cash and bank	\$ 149,926	\$ 408,605
Short-term investment [Note 2]	3,390,765	3,326,817
Accounts receivable [Note 3]	70,964	291,959
Accrued interest receivable	14,199	20,020
Prepaid expenses	15,926	8,614
	3,641,780	4,056,015
Capital assets [Note 4]	30,923	27,008
	\$ 3,672,703	\$ 4,083,023
Liabilities and Fund Balance		
CURRENT LIABILITIES		
Accounts payable and accrued liabilities	\$ 132,751	\$ 434,213
Deferred revenue [Note 5]	1,583,896	1,855,246
Research grants payable	971,701	1,365,362
	2,688,348	3,654,821
Commitments [Note 7]		
Fund balance	984,355	428,202
	\$ 3,672,703	\$ 4,083,023

Approved on behalf of the Board:


 _____ Director


 _____ Director

The accompanying notes are an integral part of these financial statements.

STATEMENT OF OPERATIONS AND FUND BALANCE



For the year ended March 31	2017	2016
REVENUE		
Province of Manitoba		
> Growth, Enterprise and Trade	\$ 17,116,000	\$ 17,073,400
Winnipeg Regional Health Authority	1,100,000	1,100,000
Other funding	6,300	29,501
Grants returned/rescinded	618,573	97,659
Investment income	59,941	84,113
	18,900,814	18,384,673
Add deferred revenue, beginning of year	1,855,246	3,265,250
Less deferred revenue, end the year	1,583,896	1,855,246
	19,172,164	19,794,677
EXPENDITURES		
Administration [Page 43]	1,466,375	1,348,361
Personnel awards	2,542,212	2,197,577
Research grants	7,821,894	8,352,699
MS grants and awards	125,000	761,955
Applied health services	-	677,550
Centres for healthcare innovation	1,000,000	1,000,000
Infrastructure grants	3,660,530	4,164,301
Health reserach initiative	2,000,000	2,000,000
	18,616,011	20,502,443
EXCESS [DEFICIENCY] OF REVENUE OVER EXPENDITURES FOR THE YEAR	556,153	[707,766]
FUND BALANCE, BEGINNING OF YEAR	428,202	1,135,968
FUND BALANCE, END OF YEAR	\$ 984,355	\$ 428,202

The accompanying notes are an integral part of these financial statements.

STATEMENT OF CASH FLOWS

For the year ended March 31	2017	2016
CASH FLOWS FROM OPERATING ACTIVITIES		
Excess (deficiency) of revenue over expenditures for the year	\$ 556,153	\$ [707,766]
Adjustments for		
Amortization of capital assets	9,991	6,752
	566,144	[701,014]
Changes in non cash working capital balances		
Accounts receivable	220,995	[254,610]
Accrued interest receivable	5,821	9,976
Prepaid expenses	[7,312]	[6,314]
Accounts payable and accrued liabilities	[301,462]	[1,198,427]
Deferred revenue	[271,350]	[1,410,004]
Research grants payable	[393,661]	258,229
	[180,825]	[3,302,164]
CASH FLOWS FROM INVESTING ACTIVITIES		
Purchase of capital assets	[13,906]	-
DECREASE IN CASH AND CASH EQUIVALENTS DURING THE YEAR	[194,731]	[3,302,164]
CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR	3,735,422	7,037,586
CASH AND CASH EQUIVALENTS, END OF YEAR	\$ 3,540,691	\$ 3,735,422
REPRESENTED BY		
Cash and bank	\$ 149,926	\$ 408,605
Short term investment	3,390,765	3,326,817
	\$ 3,540,691	\$ 3,735,422

The accompanying notes are an integral part of these financial statements.

NOTES TO FINANCIAL STATEMENTS



For the year ended March 31, 2017

1. Nature of the Organization and Summary of Significant Accounting Policies

NATURE OF THE ORGANIZATION

Research Manitoba was originally established by The Manitoba Health Research Council Act to promote and assist basic, clinical and applied research in the health sciences in Manitoba. It was continued under The Research Manitoba Act in 2014 to promote and support, and coordinate funding of, research in the health, natural and social sciences, engineering and the humanities in Manitoba. Research Manitoba is a registered charity and is exempt from tax under the Income Tax Act.

BASIS OF ACCOUNTING

The financial statements have been prepared using the Canadian public sector accounting standards for not-for-profit organizations as established by the Public Sector Accounting Board.

REVENUE RECOGNITION

The organization follows the deferral method of accounting for contributions. Grant revenue is reflected in income in the period in which the grant is received or becomes receivable and in accordance with the terms of the applicable funding agreements, where there are restrictions related to when the related expenditures are incurred as outlined below. Interest income is recognized as revenue when earned and is allocated to the General Fund.

The General Research Funds — General research grants are charged to expenditures in the year the funding is committed for, by the Board. Research grants returned to or rescinded by the organization are recorded as revenues when received or rescinded.

Applied Health Services Research Funds — Research Manitoba is partnering with Manitoba Health, the regional health authorities and the George and Fay Yee Centre for Healthcare Innovation [CHI] to support applied health services research which is relevant to the health system in Manitoba and to support collaborations between policy makers, service providers and researchers interested in working together to address health system challenges.

Funding through this initiative will provide grants-in-aid of research, designed to defray the normal direct costs of research including, among others, personnel costs, supplies and expendable materials, equipment, computer costs and publication costs. The maximum amount of funding awarded will be \$200,000 over a 2 year period.

NOTES TO FINANCIAL STATEMENTS

For the year ended March 31, 2017

1. Nature of the Organization and Summary of Significant Accounting Policies [continued]

CASH AND CASH EQUIVALENTS

For the purpose of the statement of cash flows, cash includes cash and bank, a short term investment in a cash savings account that can be redeemed at the organization's request, and a bank overdraft.

CAPITAL ASSETS

Capital assets are stated at cost less accumulated amortization. Amortization, based on the estimated useful life of the asset, is calculated as 20% per year for 5 years. Any changes to this policy will be Board approved. The amortization for purchases prior to this fiscal year will continue to be calculated as follows:

Office and computer equipment	20% diminishing balance basis
Computer equipment for review committees	33.3% diminishing balance basis

FINANCIAL INSTRUMENTS

Financial instruments are recorded at fair value when acquired or issued. Cash has been designated to be in the fair value category. All other financial instruments are reported at cost or amortized cost less impairment, if applicable. Financial assets are tested for impairment when changes in circumstances indicate the asset could be impaired. Transaction costs on the acquisition, sale or issue of financial instruments are expensed for those items remeasured at fair value at each balance sheet date and charged to the financial instrument for those measured at amortized cost. Due to the nature of the financial instruments held by Research Manitoba, there are no unrealized gains or losses, and therefore a statement of remeasurement gains and losses are not required for these financial statements.

GRANTS AND AWARDS

All grants and awards and their renewals are recorded as an expenditure in the year they are committed for.

USE OF ESTIMATES

The preparation of financial statements in accordance with Canadian public sector accounting standards for not-for-profit organizations requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from management's best estimates as additional information becomes available in the future.

NOTES TO FINANCIAL STATEMENTS



For the year ended March 31, 2017

2. Short-term Investment

	2017	2016
Steinbach Credit Union, charity regular savings account, 1.70% [1.70% in 2016], no maturity date and is reduced by the deficit in the chequing account.	\$ 3,390,765	\$ 3,326,817

The fair value of the short term investment approximates the carrying value.

3. Accounts Receivable

	2017	2016
University of Manitoba	\$ 61,425	\$ 281,000
Miscellaneous receivables	147	2,881
Goods and Services Tax receivable	9,392	8,078
	\$ 70,964	\$ 291,959

4. Capital Assets

	2017		2016	
	Cost	Accumulated Amortization	Cost	Accumulated Amortization
Office equipment	\$ 34,151	\$ 22,026	\$ 34,151	\$ 18,995
Computer equipment	62,913	44,115	49,007	37,155
	\$ 97,064	\$ 66,141	\$ 83,158	\$ 56,150
Net book value		\$ 30,923		\$ 27,008

NOTES TO FINANCIAL STATEMENTS

For the year ended March 31, 2017

5. Deferred Revenue

Revenue of \$5,000,000, received from the Province of Manitoba, Department of Health at the end of March 2011, is intended to fund clinical research in Multiple Sclerosis patients. During 2016-17, \$125,000 of these funds were utilized [for a cumulative total of \$4,202,097] and outstanding future commitments are \$797,903. Funds were used to support the Canadian Multiple Sclerosis Monitoring System.

Revenue received from the WRHA in the amount of \$2,000,000 is intended to support research that will have an impact on the health of individuals, the health of populations and communities, decisions about government health policy, health system organization and healthcare delivery. During the current year, \$128,500 of these funds was utilized [for a cumulative total of \$1,225,658] and the unexpended balance at March 31, 2017 is \$774,342. Future commitments of \$721,500 have been made to expend the balance of this deferred revenue.

Of the funds received in the amount of \$29,501 from the Manitoba Mental Health Research Foundation, \$17,850 was expended during the year to support two PhD Studentships, leaving a balance of \$11,651.

The total deferred revenue for 2016-17 is \$1,583,896.

6. Pension Benefits

Employees of Research Manitoba are eligible for pension benefits in accordance with the provisions of the Civil Service Superannuation Act [CSSA], administered by the Civil Service Superannuation Board [CSSB]. The CSSA established a defined benefit plan to provide benefits to employees of the Manitoba Civil Service and to participating agencies of the Government, including Research Manitoba, through the Civil Service Superannuation Fund [CSSF]. Effective April 1, 2012, pursuant to an agreement with the Province of Manitoba, Research Manitoba transferred to the Province the pension liability for its employees.

Commencing April 1, 2012, Research Manitoba was required to pay to the Province the employees' current pension contributions. The plan is funded by the organization's employees at rates of 8.0% to 9.0% of the employees' salary. The organization is required to match at rates of 7.1% to 9.0% of the employees' salary. The amount contributed by Research Manitoba for 2017 was \$68,002 [\$53,348 in 2016] and the employee share was \$65,045 [\$57,100 in 2016]. Under this agreement, the organization has no further pension liability.

NOTES TO FINANCIAL STATEMENTS



For the year ended March 31, 2017

7. Commitments

Research Manitoba has committed grants and awards under the General Research Fund, the Regional Partnership Fund, MS Fund, and Strategy for Patient Oriented Research (SPOR) Fund as follows:

Year	General Research Fund	MS Fund	SPOR Fund	Research and Infrastructure Grants	Total
2018	\$ 7,040,743	\$ 642,700	\$ 1,000,000	\$ 4,509,035	\$ 13,192,47
2019	2,931,740	93,750		3,306,000	6,331,490
2020	2,225,634	-	-	3,000,000	5,225,634
2021	575,634	-	-	3,000,000	3,575,634
Total	\$ 12,773,751	\$ 736,450	\$ 1,000,000	\$ 13,815,035	\$ 28,325,236

Commitments of future years of all the funds are not recorded as an expenditure in the year of commitment, they are recorded as an expenditure in the year they are committed for. These commitments will be funded as follows:

Current General Research Fund Balance	\$ 975,429
Deferred revenue	1,583,896
Future Province of Manitoba grants	25,765,911
	\$ 28,325,236

8. Related Party Transactions

Research Manitoba is related to all Province of Manitoba departments and agencies. During the year, Research Manitoba had the following transactions with related organizations:

	2017	2016
Grant revenue	\$ 18,216,000	\$ 18,173,400

These transactions are in the normal course of operations and are measured at the exchange amount, which is the amount of consideration established and agreed to by the related parties.

NOTES TO FINANCIAL STATEMENTS

For the year ended March 31, 2017

9. Economic Dependence

Research Manitoba relies almost entirely on grants from the Province of Manitoba.

10. Financial Instrument Risks

GENERAL OBJECTIVES, POLICIES, AND PROCESSES

The Board of Directors has overall responsibility for the determination of the organization's risk management objectives and policies and, whilst retaining ultimate responsibility for them, it has delegated the authority for designing and operating processes that ensure effective implementation of the objectives and policies to the organization's Chief Executive Officer (CEO). The Board of Directors receives quarterly reports from the organization's CEO through which it reviews the effectiveness of the processes put in place and the appropriateness of the objectives and policies it sets.

The organization's financial instruments are exposed to certain financial risks, including credit risk, interest rate risk and liquidity risk.

There have been no significant changes from the previous year in the exposure to risk, policies or procedures used to manage financial instrument risks.

INTEREST RATE RISK

The organization is exposed to interest rate risk arising from the possibility that changes in interest rates will affect the cash flows related to its investments. The organization's objective is to minimize interest rate risk by locking in fixed rates on its investments when possible.

At March 31, 2017, a 1% move in interest rates, with all other variables held constant, could impact the interest revenue of the investments by \$33,900 (\$33,300 in 2016). These changes would be recognized in the statement of operations.

CREDIT RISK

The organization is exposed to credit risk through the possibility of non-collection of its accounts receivable. The majority of the organization's receivables are from government entities which minimizes the risk of non-collection. The organization also makes sure it meets all the eligibility criteria for the amounts to ensure they will collect the amounts outstanding.

LIQUIDITY RISK

Liquidity risk is the risk that the organization will not be able to meet its financial obligations as they fall due. The organization has a planning and budgeting process in place to help determine the funds required to support the organization's normal operating requirements on an ongoing basis. The organization ensures that there are sufficient funds to meet its short term requirements, taking into account its anticipated cash flows from operations and its holdings of cash and cash equivalents.

11. Comparative Information

The comparative amounts presented in the financial statements have been restated to conform to the current year's presentation.

SCHEDULE OF ADMINISTRATIVE EXPENSES



For the year ended March 31	2017	2016
Accounting and audit	\$ 9,844	\$ 9,391
Amortization	9,991	6,752
Bank charges and interest	1,421	971
Communications and information technology	74,007	56,969
Conferences, meetings and travel	49,871	47,250
Consulting and professional fees	35,861	41,478
Council and committee expenses	3,568	16,257
Delivery	1,668	1,768
Insurance	5,253	5,174
Marketing	77,870	76,407
Office space	86,885	73,383
Parking	2,259	1,696
Printing, stationery and office supplies	53,956	23,273
Repairs and maintenance	2,195	9,580
Reviewer's expenses	14,920	15,094
Salaries and benefits	1,032,270	951,869
Workshops and training	4,536	11,049
	\$ 1,466,375	\$ 1,348,361

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