2019-2020 Research Support Fund Incremental Project Grants

Public Acknowledgement, Objectives & Outcomes

The University of Manitoba received **$976,131** in Federal RSF-IPG support.

The following provides an overview of how the funds were spent under each of the five expenditure categories (including the affiliated institutions):

Innovation & Commercialization	Facilities Renewal	Information Resources	Equity, Diversity & Faculty Renewal
$142,100	$461,170	$372,861	$0

Innovation & Commercialization

- Sustain the Office of Partnership & Innovations

The University of Manitoba Office of Partnership & Innovations manages the innovations, commercialization and intellectual property generated by research activities.

The Office of Partnership & Innovations pursued industry-academic initiatives to increase awareness and opportunities for Manitoba businesses and post-secondary expertise, technologies and assets.

This involved support of 3 Tech Transfer Specialists and dedicated marketing resources to showcase UM expertise and technologies through the Manitoba Industry-Academia Partnership

The expected long-term outcome means increasing industry requests for expertise at the UM, negotiated IP terms, and graduate students & post-docs wanting to create companies based on their research.

Facilities Renewal

- Biochemistry & Medical Genetics Lab Renovations

The Biochemistry & Medical Genetics requested lab renovations to accommodate the recruitment of researchers and provide a safe and usable space for them.

The renovations comprised of wet laboratory space, space for computer equipment, repurposed cold rooms into research space and an equipment/storage room. The

existing wet laboratory does not meet modern code and safety standards due to its original fixtures from when the building was built.

The University and Faculty committed financially to ensure our facilities meet current safety standards and enhance the recruitment of researchers.

Information Resources

- Research Administration Software (RAS) Project

The University of Manitoba is in the process of implementing a new Research Administration Software (RAS) to track grant applications, contracts, certifications and awards more efficiently and electronically thus eliminating the current paper-based system.

RAS offers a single sign on for all aspects of research administration benefiting both the researchers and those handling grants/contracts and their related compliance requirements. It includes increased capabilities to meet the objectives and outcomes of Research Enterprise such as:

- Research Transparency – view where submissions are at any given time
- Full electronic/Single Data Entry – researchers and staff one time only
- Workflow clarity – identifies responsibilities
- One-stop shop – on location for all stakeholders to navigate to and enter information

This project requires resources from various areas to design, develop and deploy the target state. The areas of impact are:

- Offices of Research Services, Research Ethics & Compliance, Environment Health & Safety for their expertise in current state and assist with documenting, conversion, testing and training
- Information Service & Technology to manage & lead design meetings and assist with communication, hardware setup, conversion and testing
- Additional system users required to input information into the new system (researchers, research admin staff) and the approval flows (VPs, AVPs, Senior Admin, Grant/Contract Officers, Affiliates and Finance Staff)
- Additional hardware for setup and maintenance
- Service Desk for additional support

Accountability & Public Acknowledgment

The University is committed to the implementation both financially and through in-kind support as it aligns to the Strategic Plan to "champion excellence in research, scholarly work and other creative activities and increase our position within the top fifteen research-intensive universities in Canada."

2019-2020 Performance Indicators and Outcomes

Project Title	IPG Priority Area	$ IPG Actual Investment	Performance Objectives	Performance Indicators	Target Outcomes	Reported Outcomes
Sustain the Office of Partnership & Innovations	Innovation & Commercialization	142,100	Manage innovation, commercialization & intellectual property generated by research activities (3 Tech Transfer Specialists salaries)	Wages incurred for Tech Transfer Specialists	Increase number of patents filed and licenses granted than prior years Initiate AIM Day events	• Supported 3 Tech Transfer Specialists - 5% more patents filed and 50% more licenses • 4-5 AIM Day events and industry roundtables
Biochemistry & Medical Genetics Lab Renovations	Facilities Renewal	461,170	Accommodate the recruitments of researchers with safe and usable space	Laboratory meeting the current safety requirements	New recruits conducting their research and space meets current safety requirements	New recruits scheduled in 2020
Research Administration Software (RAS) Project	Information Resources	372,861	Implement new software to track grant applications, contracts, certifications and awards more efficiently & electronically	Phase 1 - Human Ethics Phase 2 - Animal Care Phase 3 - G&C Regular status reports from Project Management Team	Phase 1 completion of key activities & Human Ethics tentative go live is scheduled Aug 2020	Delays with data migration has postponed the Human Ethics launch to Feb 2021