

Indirect Costs Outcomes Report

 File Number **P0078**

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Statement of Account			
Total Indirect Costs Funds available in 2013-2014			A <input style="width: 100px;" type="text" value="\$909,329"/>
Expenditures incurred in 2013-2014			
Facilities			<input style="width: 100px;" type="text" value="\$181,865"/>
Resources			<input style="width: 100px;" type="text" value="\$273,393"/>
Management and Administration			<input style="width: 100px;" type="text" value="\$273,393"/>
Regulatory Requirements and Accreditation			<input style="width: 100px;" type="text" value="\$125,000"/>
Intellectual Property			<input style="width: 100px;" type="text" value="\$55,678"/>
Total Indirect Costs expenditures incurred in 2013-2014			B <input style="width: 100px;" type="text" value="\$909,329"/>
Outstanding Commitments <small>(The expenditure was incurred but the invoice was not paid in the period ending March 31, but was paid before June 30. Be sure to include the commitments in the appropriate area(s) above.)</small>			
			<input style="width: 100px;" type="text" value="\$0"/>
Health Research Affiliates			
Facilities			<input style="width: 100px;" type="text" value="\$0"/>
Resources			<input style="width: 100px;" type="text" value="\$0"/>
Management and Administration			<input style="width: 100px;" type="text" value="\$0"/>
Regulatory Requirements and Accreditation			<input style="width: 100px;" type="text" value="\$0"/>
Intellectual Property			<input style="width: 100px;" type="text" value="\$0"/>

Section I - Facilities

Was your grant invested, completely or partially, in any of the following ways?

Note that A and B are not exclusive (i.e. for any given category, if you have covered both existing and new Expenditures, you would check both A or B).

1. Renovation and maintenance of research facilities (excluding expenditures incurred to meet regulatory requirements - see Section IV)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Upgrade, operations and maintenance of equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Operating costs (custodial, security, maintenance, utilities, leasing, capital planning, insurance on research space)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Technical support for laboratories, offices and other facilities (excluding technical support for animal care - see section IV)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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Section I - Facilities (continued)

Impact Statement

Please explain how the expenditures made in this priority area have allowed your institution (and its health research affiliates, where applicable) to maintain and/or enhance the capacity of its research enterprise. The following questions can help guide your answer:

- what difference have your grant investments made?
- are there significant changes from the previous year?
- why are these investments vital for researchers?
- why are these expenditures vital to the university research administration?
- what would have happened if expenditures hadn't been possible?
- what are the major cost drivers in this category?
- what percentage of your O&M expenditure supports CFI-funded equipment?

A portion of the ICP grant was allocated to the Physical Plant office for research laboratory and facility maintenance. Personnel were dedicated specifically to maintain the research facilities housed in the Richardson College for the Environment and Science Building (RCFE).

A model of green building technology, constructed to a LEED (Leadership in Energy and Environmental Design) Silver Standard, the 150,000 square foot RCFE is one of the most energy efficient educational laboratory buildings in North America. It uses approximately half the energy of a conventional building. The RCFE consists of more than 30 research and teaching labs, including a vivarium, and a 1,127 square foot rooftop greenhouse. The RCFE has been instrumental in attracting prestigious researchers to the University of Winnipeg.

ICP funds were used partially for maintenance such as painting, plumbing and electrical, and also for renovations and fine-tuning environmental systems. The University would not be able to meet the expenses involved in maintaining such a facility without the support of the ICP. In addition, a portion of the funds was used to offset the operating costs of research facilities throughout the university. Expenses such as utilities, custodial costs, and insurance were covered by the grant.

Our Health and Safety Specialist and Lab Safety Officer looked after the necessary requirements for facilities in order for our investigators to conduct research in compliance with all health and safety regulations. This has been extremely beneficial in maintaining state-of-the-art facilities, enabling researchers to conduct research under safe conditions and minimizing risks.

The University of Winnipeg Technology Solutions Centre (TSC) has a position dedicated to the maintenance of research scientific equipment supported by the ICP. TSC is responsible for information technology-related matters. This technical support has been essential to keeping the research infrastructure operating efficiently. TSC is traditionally a very busy office on campus, and this research-specific position enables a fast response from in-house service to get research which might be delayed from technical difficulties back up and running so that research results are not affected. We continued to use ICP funds to work with TSC on an improved grant-tracking and reporting system, which had been successfully implemented in 2012-13 (Phase 1). Phase 2 of the software implementation was continued during this period, requiring the contracted services of a software consultant. The resulting efficiency and reliability of this system allows the University to direct more of its resources towards expanding our research program. It also contributes to the University's commitment to sustainability in research by reducing or eliminating paper-based applications and records. ICP funds contribute to the maintenance and upkeep of the University website, which provides up-to-date information for researchers on funding opportunities, research administration, available resources, and the highlights and initiatives of our research community.

Section II - Research Resources

Expenditures

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Expenditure category	A) The grant covered existing expenditures	B) The grant covered new expenditures (not previously covered by grant)	C) The grant did not cover this category	In which category was the largest proportion of your 2013-2014 grant invested?
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1. Acquisition of library holdings (journals, books, col				
4. Insurance T r190 g ET0.00 -9.00 Ttdic 1.e 0.pment and vej 0i5.56 40.72 .006 Q B1Numb3 Do Qesearc1. Acq2 .006 Q B1Numb3 Do Qesearc1. W n0.00 72.52 50.				

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Section II - Research Resources (continued)

Impact Statement

The Library used funds for a number of expenses, such as database licences, monographs, serials, and media, which are vital for the research community. Databases give University researchers access to journals and publications necessary for their research, and continuous additions to the Library's resources are proportionately a major indirect cost of research. Having these databases and resources readily available for researchers has enabled them to acquire relevant and up-to-date information in an easily accessible format, efficiently moving their research forward. This measure continues to be a significant contributing factor in the retention of faculty and attracting students. The Indirect Costs funding has also enabled us to increase subscriptions accordingly. The Library Acquisitions staff spent a portion of their time dedicated to acquiring material related to research endeavours. In particular, for higher-level research, three staff members are dedicated to acquiring resources through inter-lending with other institutions with more advanced graduate research programs, and a portion of their salary as well as the operating costs are covered by the ICP grant.

Each year the Library tries to find ways to maintain the yearly budget decreases for Acquisitions taking into consideration the increases to purchases. The Indirect Costs funding assists the Library in this process. The funding

Section III - Management and Administration

Expenditures

Was your grant invested, completely or partially, in any of the following ways?

Note that A and B are not exclusive (i.e. for any given category, if you have covered both existing and new expenditures, you would check both A and B).

Expenditure category	A) The grant covered existing expenditures	B) The grant covered new expenditures (not previously covered by grant)	C) The grant did not cover this category	In which category was the largest proportion of your 2013-2014 grant invested?

Section IV - Regulatory Requirements and Accreditation

Expenditures

Was your grant invested, completely or partially, in any of the following ways?

Note that A and B are not exclusive (i.e. for any given category, if you have covered both existing and new expenditures, you would check both A and B).

Expenditure category	A) The grant covered existing expenditures	B) The grant covered new expenditures (not previously covered by grant)	C) The grant did not cover this category	In which category was the largest proportion of your 2013-2014 grant invested?
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Section IV - Regulatory Requirements and Accreditation (continued)

Impact Statement

Animal user training is needed for any individual dealing with animals used in research, such as faculty, animal care technicians, and research assistants. Such training is mandatory, as set forth by the Canadian Council on Animal Care (CCAC), and consists of, for example, animal use certification programs, wet lab programs, and fish use programs. The Indirect Costs Program enabled the Research Office to cover this valuable and necessary training including, in

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Section V - Intellectual Property

Expenditures

Was your grant invested, completely or partially, in any of the following ways?

Note that A and B are not exclusive (i.e. for any given category, if you have covered both existing and new expenditures, you would check both A and B).

Expenditure category	A) The grant covered existing expenditures	B) The grant covered new expenditures (not previously covered by grant)	C) The grant did not cover this category	In which category was the largest proportion of your 2013-2014 grant invested?
1. Creation, expansion, or sustenance of a technology transfer office or similar function	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Administration of invention patent applications	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Support for technology licensing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Administration of agreements and partnerships with industry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Administration of agreements and partnerships with the public sector (federal, provincial, municipal governments; including health, education, and social services)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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Section V - Intellectual Property (continued)

Impact Statement

Please explain how the expenditures made in this priority area have allowed your institution (and its health research affiliates, where applicable) to maintain and/or enhance the capacity of its research enterprise. The following questions can help guide your answer:

- what difference have your grant investments made?
- are there significant changes from the previous year?
- why are these investments vital for researchers?
- why are these expenditures vital to the university research administration?
- what would have happened if expenditures hadn't been possible?
- what are the major cost drivers in this category?

The University has maintained a contractual relationship with a person dedicated to technology transfer and protecting the University's and faculty intellectual property rights in the negotiation of research agreements. In order to support this contractual relationship, the Research Office used a portion of the ICP funds. The University is exploring ways to expand its potential for commercialization of research, and this strategic initiative is reflected in the creation of the University of Winnipeg Community Renewal Corporation, whose mandate will include commercialization of research in coordination with the Research Office.

Funds also covered legal, maintenance and renewal fees with regard to patents, as well as the costs of correspondence with lawyers and patent officials.

Research office staff continue to revise the internal policies and procedures governing the negotiation and administration of external research agreements, with valuable input from the intellectual property consultant, the University's Legal Counsel, and the Vice-President, Human Resources.

All of these functions support the research activities of existing faculty and the outcomes will certainly contribute to encouraging the recruitment and subsequent retention of new faculty. As research funding becomes more competitive, relationships with industry partners will play an increasingly important role in supporting the research activities of our faculty.

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The Indirect Costs Program has been instrumental and absolutely essential in supporting the recruitment, development, and retention of high-quality researchers. By supporting their research productivity and maximizing the success of existing faculty members, the University has attracted such highly-qualified researchers as Dr. Ian Mauro, an internationally recognized filmmaker and community-based researcher whose projects focus on food security, sustainable agriculture and climate change.

Supporting researchers of this caliber strengthens The University of Winnipeg's position as a centre for scientific research and innovation.

The University is proud to retain such respected researchers as Dr. Jaime Cidro, a Network Environments for Aboriginal Health Research (NEAHR) (CIHR) New Investigator in Aboriginal Health and Assistant Professor in the Department of Anthropology. Her community-based research in the areas of Aboriginal maternal and child health (including midwifery and dental health) adds to a growing literature investigating Aboriginal people in the modern era and will benefit all Canadians.

Through the provision of staff and contracted services personnel, we have been successful in marshaling additional supports for such prestigious researchers.

The ICP grant is the catalyst for the development of research grants, both in science and in the humanities and social sciences. The IC grant funds supported the Associate Vice-President, Research and Innovation in strategic research planning, particularly related to attracting additional research funding. The funds allow a smaller university such as ours to provide well-trained administrative personnel to assist faculty with the development and implementation of research

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3. Redirection of funds

Has your institution redirected some of its own operating funds as a result of the Indirect Costs Program?

With the redirection of a substantial portion of our own operating funds, the University has been able to meet both our teaching and research objectives by upgrading and retrofitting our current campus facilities, expanding our campus, meeting faculty salary requirements, etc. Despite the ever-increasing pressure on our operating funds, we have been able to meet the academic priority of our University, which is to attract and retain highly-sought faculty in order to provide our students with the best instruction and research opportunities. The United Health and Recreation Complex will provide collaborative community programs, and provide researchers, particularly in the new Faculty of Kinesiology, with increased access to hands-on academic research and practicum experiences. Without support for the numerous expenses eligible under the ICP program, the University would not be able to maintain and build on its current level of support for such research

4. Other overall impacts

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Section VII - Public Disclosure Requirement for Institutions

As of June 30, 2012, institutions are required to post a few elements of information on the indirect costs of research and the Program on their website. Please copy and paste below the URL of the webpage where this information is posted.

<http://www.uwinnipeg.ca/index/indirect-costs-of-research>

Section VIII - Your comments

Describe any problem you have experienced with the Indirect Costs Program, suggest improvements to the program, or highlight particular successes of the program at your institution.