

Western Research

For Fiscal 2016-2017

Total Funding for 2017: \$11,782,223

| Eligible expense category | Institutional performance objective | Indicator | Output | Outcomes reported at YE |
|---|---|-----------------------------|--|--|
| Research Facilities Funding allocation: \$6,451,511 | Maintain state-of-the-art research infrastructure. | Number of meters installed. | Support existing core research facilities which serve researchers and trainees. | RSF Funds were used to cover technical support staff, operational expenses and service contracts to keep our core facilities up-to-date and relevant for the research community. |
| | Improve energy efficiency on campus to invest savings back into infrastructure and support research operations. | Energy Savings per year. | Investments in mechanisms to increase energy efficiency also help the University achieve resulting incentives from local distribution companies like London Hydro and Union Gas. | Continued upgrades to energy efficient appliances which assists with environmental sustainability as well as reducing hydro costs going forward. These upgrades allow Western to be eligible for electrical rebates, and old halogen bulbs are very costly to replace as well as create large amounts of heat. |

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| Research Resources Funding allocation: \$1,060,400 | Provide researchers with comprehensive access to citation indices to increase collaboration and facilitate literature searches. | Ability to measure both STEM and Social Science Arts & Humanities (SSAH) research impacts. | Purchase bibliometric software and train staff to use it. | Western has invested in bibliometric software and is training up individuals to use this new tool. |
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| <p>Management & Administration of an Institution's Research Enterprise</p> <p>Funding allocation: \$3,299,023</p> | <p>Provide high-quality, timely, efficient services that lessen time burden of research administration for the University's researchers.</p> | <p>Increased researcher productivity.</p> | <p>Salary support for research administration and research accounting professionals.</p> | <p>Western has used the RSF money to help support the activities of Research Western in providing a professional, service-oriented culture to the University's researchers.</p> |
| | <p>At the faculty level, provide academics with assistance with proposal writing, finance, grants management and human resources management.</p> | <p>Number of faculty-based research officers.</p> | <p>Salary support for faculty-based research officers.</p> | <p>The faculty of Science has hired additional staff to help facilitate researchers in their management of the research projects.</p> |


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| REGULATORY REQUIREMENTS AND ACCREDITATION Funding allocation: \$500,000 | Regulatory compliance with animal care. | Maintain accreditation with federal standards administered by the <i>Canadian Council on Animal Care (CCAC)</i> and the Ontario <i>Ministry of Agriculture, Food and Rural Affairs (OMAFRA)</i> . | Salary support for an Animal Research Safety Consultant and other professionals that ensure ongoing adherence and leadership in animal care standards. | Successful compliance and ongoing certification with federal, provincial and international animal care regulation bodies. |
| | Increase the quality and turnaround time of Research Ethics proposals through the University's two primary ethics boards – Health Sciences and Non-Medical – while ensuring ongoing compliance to TPCS2, Health Canada, FDA and other regulations. | More efficient turnaround times, while adhering to provincial, federal and international guidelines. | Financial support for Research Ethics personnel. | An additional Research Ethics Officer was hired during the year, And new process software has been purchased. |

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| Intellectual Property Funding allocation: \$471,289 | Support for the creation of start-up companies. | Creation of a start-up guide. | Allocation of financial and human resources to produce a start-up guide. | Successful creation of a start-up guide that can be used by researchers. |
| | Support the creation of spin-off companies, technology licensing, patent applications and agreements or partnerships with industry. | Successful tracking of technologies, agreements, IP | Salary support for highly qualified business development managers and administrative support and public events celebrating Western University commercialization successes. | Hosted the Proteus Innovation Competition celebrating the successful commercialization strategies of Western University researchers. |