

University of Toronto – 2019-20 Incremental Projects Grant – Institutional Performance Objectives

Project	Priority Area	Investment of IPG Funds	Institutional Performance Objective	Performance Indicators	Reported Outcomes
Hospital for Sick: Children Data Centre	Information resources, including digital resources, open access and databases (Research Resources)	Percentage of IPG grant invested in supporting this project: 23%	Replace HPC computation and storage resources required for diverse scientific endeavors	To enable faster more robust scientific discovery by enhancing data processing capability.	The upgrade to the centre was successfully implemented providing critical computation & storage resources required for diverse scientific endeavors at SickKids
Hospital for Sick Children: Peter Gilgan Centre for Research and Learning, building upgrades	Facilities renewal, including deferred maintenance (Research Facilities)	Percentage of IPG grant invested in supporting this project: 13%	Replacement of the Honeywell Server, Lutron Server and Quantum Vue EATON Servers and Routers, JCI Access control servers; building automation and security system servers; Tridium system JACE 600E controller/Server/Module; C-BUS communication protocol based controllers; ECHELON MPR-50 Multi-port Router. In addition to the upgrade of the Belnor Phoenix Exhaust Router	The Peter Gilgan Centre for Research and Learning (PGCRL) is, as the name implies, a building dedicated to research and learning since its inception. The upgrades detailed will enable the facility to continue with its mandate.	The upgrades to the facility were completed successfully providing general building operations such as heating and cooling.

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<p>UHN: Princess Margaret Cancer Research Tower Capital Renewal</p>	<p>Facilities renewal, including deferred maintenance (Research Facilities)</p>	<p>Percentage of IPG grant invested in supporting this project: 12%</p>	<p>Renewal of HVAC, plumbing, environmental chambers and fire & life safety systems and elevator repairs to ensure a safe research building.</p>	<p>The performance indicators for this project include ensuring the cooling systems, chillers and cooling towers operate as required; maintaining the building temperature; the plumbing renewal to ensure effective circulation of chilled water, building glycol and water supply. Additionally, the environmental chamber ensures stable temperature of 4C to protect research samples. Ensuring Fire & Life Safety systems are fully functional safeguarding against any fire hazards. Furthermore, guaranteeing that elevators are fully functional.</p>	<p>The upgrades to the facility were completed successfully ensuring the building HVAC systems are fully functional and providing a stable environment supporting experimental work. Cooling tower controls and motors were upgraded or replaced; exhaust fan motors were replaced and humidification on floors stabilized through equipment replacement. The plumbing renewal work provided replacement pumps for chilled water, glycol heating circulation, hot water supply and stable RO systems. Within the RO water system, the distribution systems for two floors were replaced ensuring a stable supply of RO water. With regards to plumbing, upgrades were made to washrooms ensuring sanitation requirements were met. Upgrades to compressors ensured that the Environmental Chambers were fully functional to maintain table research samples. As safety is paramount in any building, upgrades to fire & life safety systems ensured that the building met all code requirements and reduced risk of fire hazard to the research labs. Additionally, elevators and the ongoing proper repair of these was implemented with minimal downtime.</p>
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<p>University of Toronto: Centre for Research and Innovation Support</p>	<p>Information resources, including digital resources, open access and databases (Research Resources)</p>	<p>Percentage of IPG grant invested in supporting this project: 19.56%</p>	<p>CRIS is a new gateway to help faculty access the university’s rich array of resources while boosting the potential impact of their discoveries. CRIS is to serve as a visible hub and tri-campus connector where faculty can learn about, and easily access the many existing services, training, research tools and expertise offered across the University.</p>	<p>Promote opportunities to bring together faculty with over 100 resources including research tools and supports such NVIVO software and SCINet supercomputing resources, and administrative tools like Pivot funding opportunities database and Financial Administration training guides. Promoted close to 400 professional development and training workshops for the research & innovation community.</p>	<p>CRIS was successful in launching physical and virtual resources to improve the visibility and access to existing university resources – including a centralized calendar of training and events; an online resource hub, providing quick access to tools, resources, services and expertise across the University; and a series of new communication channels to promote resources.</p>
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<p>University of Toronto: Library Services Platform</p>	<p>Information resources, including digital resources, open access and databases (Research Resources)</p>	<p>Projected percentage of IPG grant invested in supporting this project: 33%</p>	<p>University of Toronto Libraries (UTL) is investing in a state-of-the-art cloud-based Library Service Platform (LSP). This transition will result in improved discovery for researchers as it enables the cohesive management of electronic, print, and digital collections, and deepens interoperability with a variety of University and external business and information systems. To augment the platform, additional library holdings were acquired.</p>	<p>Rapid and accurate online access for researchers, along with expansion in such areas as digital scholarship support and research data management.</p>	<p>As a result of the IPG funds, the LSP project was completed successfully and the Platform will be launched in early 2021, enabling significantly improved researcher access to holdings, including the additional collections also enabled by IPG.</p>
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