

University of Toronto – 2020-21 Incremental Projects Grant – Institutional Performance Objectives

Project	Priority Area	Investment of IPG Funds	Institutional Performance Objective	Performance Indicators	Target Outcomes	Reported Outcomes
CAMH: Technology Transfer and Commercialization: Manager, Research Commercialization (Neuroinformatics)	Innovation and commercialization activities (Intellectual property and knowledge mobilization)	Projected percentage of IPG grant invested in supporting this project: 3%	To enable CAMH to perform competitive analysis of a continuously changing and growing informatics and digital health ecosystem	Development of a successful marketing and commercialization strategy for KCNI technologies	To ensure CAMH is able to maintain its reputation and leadership as a premier mental health institution through the success of the IPTTO	<p>The total percentage of IPG grant invested in supporting this project: 3%</p> <p>The funding provided by this grant ensured that CAMH, as a premier mental health institution, is equipped to capitalize on the ground-breaking discoveries made through the protection of valuable IP and commercialization efforts of the IPTTO.</p>
SickKids: Peter Gilgan Centre Building Upgrades	Facilities renewal, including deferred maintenance (Research Facilities)	Projected percentage of IPG grant invested in supporting this project: 15%	Replacement of servers that run the general building operations such as heating and cooling	The successful implementation of the servers.	The successful implementation of the servers.	<p>The total percentage of IPG grant invested in supporting this project: 15%</p> <p>The new industry standard equipment was successfully deployed, allowing the building automation system to continue to function without negative impacts.</p>

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<p>Sinai Health System: Upgrading of computer facility and equipment for Lunenfeld-Tanenbaum Research Institute at Sinai Health</p>	<p>Facilities renewal, including deferred maintenance (Research Facilities)</p>	<p>Projected percentage of IPG grant invested in supporting this project: 7%</p>	<p>Renewal of a 20-year-old facility and its move to a modern, custom- built data warehouse will allow for measurable improvements in costs to run, up-time, and physical security</p>	<p>To increase stability and security and to realize potential long-term cost savings</p>	<p>Improved HVAC and fire suppression and security systems to safeguard the IT infrastructure. Performance indicators would include lower annual operation and maintenance costs for the LTRI computer centre.</p>	<p>The total percentage of IPG grant invested in supporting this project: 6%</p> <p>As a result of these renewals, annual operating savings of approximately \$300K will be achieved.</p>
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<p>Sunnybrook Research Institute: IT Infrastructure Enhancement Project</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: 6%</p>	<p>To improve the computing throughput</p>	<p>Improve efficiencies to 1GBps, from an average 200mbps and decrease our network outages by 90% and increase our on-premise file storage capacity by 100%</p>	<p>Indicators include limiting the number of specific outages and file storage tickets (incidents).</p>	<p>The total percentage of IPG grant invested in supporting this project: 5%</p> <p>All cabling and hardware has been installed and configured. Workstations belonging to the Sunnybrook security domain have been joined to the new network and are working. Additionally, the datacenter has been migrated to the new network and is working well.</p>
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<p>UHN: PMCRT Annual Capital Renewal</p>	<p>Facilities renewal, including deferred maintenance (Research Facilities)</p>	<p>Projected percentage of IPG grant invested in supporting this project: 9%</p>	<p>Facility maintenance and annual capital renewal plans to ensure that the research is not adversely impacted by unacceptable operational variances or interruptions.</p>	<p>Renewal of HVAC System, rebuild of primary chiller; replacement of chiller values</p>	<p>Completion of renewal activities to ensure that the research is not adversely impacted by unacceptable operational variances or interruptions.</p>	<p>The total percentage of IPG grant invested in supporting this project: 9%</p> <p>The building HVAC systems are fully functional providing a stable environment supporting experimental work. Chillers components were upgraded and or replaced; chiller components were upgraded and or replaced; and the BAS system was upgraded.</p>
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<p>UHN: KDT Annual Capital Renewal</p>	<p>Facilities renewal, including deferred maintenance (Research Facilities)</p>	<p>Projected percentage of IPG grant invested in supporting this project: 3%</p>	<p>Facility maintenance and annual capital renewal plans to ensure that the research is not adversely impacted by unacceptable operational variances or interruptions.</p>	<p>Renewal of HVAC Systems; cooling tower; heating coils</p>	<p>Completion of renewal activities to ensure that the research is not adversely impacted by unacceptable operational variances or interruptions.</p>	<p>The total percentage of IPG grant invested in supporting this project: 3%</p> <p>The building HVAC systems are fully functional providing a stable environment supporting experimental work. Safety is paramount in our building and upgrades to fire & life safety systems ensured that the building met all code requirements and reduced risk of fire hazard to the research labs. Within the safety portfolio is the need to ensure stable elevators and the ongoing proper repair of these units ensures minimal downtime and the safe movement of research staff and materials.</p>
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<p>Unity Health: Li Ka Shing Knowledge Institute - Security System Upgrade</p>	<p>Facilities renewal, including deferred maintenance (Research Facilities)</p>	<p>Projected percentage of IPG grant invested in supporting this project: 6%</p>	<p>Update of the Li Ka Shing Knowledge Institute security access system.</p>	<p>A complete suite of upgrades to increase efficiencies and safety.</p>	<p>Completion of renewal activities to ensure that the research is not adversely impacted.</p>	<p>The total percentage of IPG grant invested in supporting this project: 6%</p> <p>Fewer user issue occurrences allowing for more efficient operation in the building, with less time spent on trouble-shooting problems, finding work-arounds and waiting for maintenance (internal and external) and reprogramming to fix issues. Additionally, one system allows for trained users to be given very specific access points, in line with only the training they have received. This is particularly important for areas with hazards and biohazards. The system also allows us to better track access which makes for an even more secure building.</p>
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<p>Faculty of Medicine Laboratory Maintenance</p>	<p>Facilities renewal, including deferred maintenance (Research Facilities)</p>	<p>Projected percentage of IPG grant invested in supporting this project: 21%</p>	<p>Update of the 3rd floor Physiology including finishes, casework, mechanical & electrical infrastructure to meet biosafety level 2 specifications. Additionally, this space will also be fully asbestos abated.</p>	<p>This collection of rooms will be designed to permit specimen prep work and imaging on three different Multi- Photon Laser Scanning Microscopes which need very precise environmental conditions.</p>	<p>Completion of renewal activities to continue the research enterprise.</p>	<p>The total percentage of IPG grant invested in supporting the project: 19%</p> <p>The majority of the laboratory maintenance was completed successfully however certain aspects were delayed due to unforeseen issues.</p>
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<p>University of Toronto Libraries (UTL) Electronic Resources for Research</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: 13%</p>	<p>The acquisition of online materials in support of research at the University of Toronto</p>	<p>To strengthen and maintain the library’s reputation for building collections renowned for their scope, depth and scholarly impact, including traditional electronic resources such as ebooks, data, and primary source material as well as newer forms of digital information that enhance the ability of University of Toronto faculty and students perform research remotely.</p>	<p>The acquisition of online materials most requested by faculty and graduate student to continue the research enterprise.</p>	<p>The total percentage of IPG grant invested in supporting this project: 17%</p> <p>Support from the grant has allowed the University to pivot efficiently and quickly responding to the needs of the research community by providing online digital resources.</p>
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<p>VPRI: Research InfoSystems</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: 9%</p>	<p>Develop more effective and efficient business processes and on-line tools associated with research administration; provide academic leaders with research and innovation data that is timely, holistic, comparative, division-centric, predictive, integrated and easy-to-use; streamline the capture of research inputs and outputs through U of T's transactional information systems and link to outputs (articles; books; white papers; patents) indexed by third parties.</p>	<p>Improved user experience; compliance with regulatory requirements and University & sponsor policies; reduced risk associated with errors and omissions; realization of efficiencies through linking and re-purposing information; enhanced visibility of researchers' work; enhanced cross-disciplinary collaboration.</p>	<p>Full integration of these systems in a timely manner without disruption to the research community and stakeholders.</p>	<p>The total percentage of IPG grant invested in supporting this project: 9%</p> <p>All projects completed resulting in time, money and environmental savings for academic divisions, academic units, researchers, and research administration staff.</p>
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<p>UTM: William G. Davis Building Upgrades</p>	<p>Facilities renewal, including deferred maintenance (Research Facilities)</p>	<p>Projected percentage of IPG grant invested in supporting this project: 8%</p>	<p>Building upgrades for William G. Davis Building, specifically the Air Compressor Replacement; Reverse Osmosis (RO) System Replacement; HVAC and Lighting Upgrade</p>	<p>Providing the necessary environment for the research activities to be conducted at the University of Toronto, Mississauga.</p>	<p>Full integration of these systems in a timely manner without disruption to the research community and stakeholders.</p>	<p>The total percentage of IPG grant invested in supporting this project: 7%</p> <p>All building upgrades achieved resulting in an overall reduction to operation costs.</p>
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