

University of Toronto – 2022-23 Incremental Projects Grant – Institutional Performance Objectives

Project	Priority Area	Investment of IPG Funds	Institutional Performance Objective	Performance Indicators	Target Outcomes	Reported Outcomes
UofT: Toronto High Containment Facility: Upgrades and Enhancements	Facilities Renewal	Percentage of IPG grant invested in supporting this project: 15.3%	Increased research capacity	To allow for a more effective use of space by removing barriers created by inefficiencies	To co-locate three separate facilities into a single contiguous layout designed to provide a ~2.5 fold increase in functional CL3 capacity and increased capacity for collaborations	Market conditions resulted in delays in the procurement process. At this point, a managing contractor has been procured and the renovations are now underway.
Sinai Health: Replacement of LTRI data storage system	Facilities Renewal	Percentage of IPG grant invested in supporting this project: 6.3%	Update and replace aging computer storage infrastructure	To increase capacity	Ensure uninterrupted primary and secondary storage solutions for the data requirements of LTRI researchers	This was the first of a two-part total refresh of the LTRI's aging of the NetAPP storage system. The current system was at the end of life. This updating and expansion will benefit the Institute for a number of years.
CAMH: Study Start-Up Initiative	Management & Administration of the Research Enterprise	Percentage of IPG grant invested in supporting this project: .5%	To develop and launch an electronic tool to guide scientists during the study start-up process	# of studies initiated, approved, and running via electronic tool	Electronic tool adopted by the CAMH research community and study start-up process streamlined	This project was put on hold. After gathering requirements and carrying out stakeholder consultations, it was clear that the study start-up initiative (which was an electronic tool to guide our
CAMH: Electronic Research Administration (eRA) Platform Enhancement and New Module Build	Management & Administration of the Research Enterprise	Percentage of IPG grant invested in supporting this project: 5.3%	Upgrade electronic research administration (eRA) platform by enhancing its existing modules and building new modules	# of REB, ACC, Biosafety forms processed	Minimization of risk; increased integration and efficiency	The new REB module launched , reducing lengthy email exchanges. Two additional modules (ACC and Biosafety) are currently in the system build and testing phase <ul style="list-style-type: none"> • Risk mitigation: The automated approval chains across modules ensure that grants and ethics applications are reviewed well in advance of incoming funds or study start-up. • Research service integration: Overall system enhancements have integrated the workflows of several departments, including Grants & Awards, Research Finance, Research Training & Practice, Research Legal, Research Facilities, and the Research Ethics Office, amongst others.

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CAMH: Electronic Trainee Registration Forms	Management & Administration of the Research Enterprise	Percentage of IPG grant invested in supporting this project: .2%	Develop and implement an electronic registration form for trainees to replace our paper-based forms	Reduction in the # of e-mails related to registration process; reduction of frequency of post-submission cancelled or rejected registrations	Completion of project within fiscal	The implementation of the form generated positive feedback about overall user experience, as well as reductions in workload related to answering e-mails, and reduced time spent on data entry and report preparation. Despite increased overall submissions (up by 35% over previous years) the Research HR team is spending less time managing the inbox, troubleshooting submissions, and putting together lists for other teams.
HSC: Peter Gilgan Center for Research & Learning (PGCRL) Network Upgrade	Facilities Renewal	Percentage of IPG grant invested in supporting this project: 20.9%	To update the network to a new, high-performance, autonomous network based upon software defined network (SDN) frameworks and principles.	Enable faster and more robust scientific discovery by enhancing data processing capability	provide five-nines (99.999%) network availability per year with 24x7 operation	The IPG funds were a critical upgrade to the network in our Peter Gilgan Center for Research & Learning (PGCRL). The upgrades included a new, high-performance, autonomous network based upon software defined network (SDN) frameworks and principles.
Unity Health: Li Ka Shing Knowledge Institute 7th Floor Renovation	Facilities Renewal	Percentage of IPG grant invested in supporting this project: 7.1%	Renovation of the 7th floor LKSK, upgrading the space to include wet bench floors, with open concept lab benches, shared equipment alcoves	Increased research capacity	Complete renewal within fiscal	The research facility was enhanced with upgrades to the space which will increase the capacity and flexibility in the type of research it can accommodate.
UHN: PMCRT Annual Capital Renewal	Facilities Renewal	Percentage of IPG grant invested in supporting this project: 10.2%	HVAC system renewal; Electrical systems upgrade; fire and safety systems renewal	To ensure research is not adversely impacted by unacceptable operational variances or interruptions	Complete renewal within fiscal	Work was completed to repair or upgrade HVAC systems (AHU supply/exhaust units, humidification, HEPA units, server AC units and chiller components) to provide a stable environment supporting experimental work. The plumbing renewal work provided
UHN: KDT Annual Capital Renewal	Facilities Renewal	Percentage of IPG grant invested in supporting this project: 4.8%	Plumbing renewal; fire and safety systems renewal; elevator repairs	To ensure research is not adversely impacted by unacceptable operational variances or interruptions	Complete renewal within fiscal	Work was completed to repair HVAC systems (HEPA units, variable frequency drive (VFDs), server AC units) to provide a stable environment supporting experimental work.

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Sunnybrook: Renewal of Areas in S Wing	Facilities Renewal	Percentage of IPG grant invested in supporting this project: 5.1%	Critical facility renewal for the S2 Developer Room, including flooring repairs in S1/S2/Vivarium for compliance and security infrastructure renewal for cameras	To ensure research is not adversely impacted by unacceptable operational variances or interruptions	Complete renewal within fiscal	Completed flooring replacements and epoxy coating for critical areas in S-Wing including the vivarium. Refurbished sterilization equipment for vivarium operations. Purchased security equipment for perimeter access control. This funding has significantly improved our research facilities
Sunnybrook: HVAC chiller and Power Upgrade to Computing Facility	Facilities Renewal	Percentage of IPG grant invested in supporting this project: .5%	Critical update to HVAC chiller along with power upgrade to ensure consistent laboratory environment crucial to the research enterprise	To ensure research is not adversely impacted by unacceptable operational variances or interruptions	Complete maintenance within fiscal	A significant upgrade was made to our specialized HVAC controls system that supports our M-Wing laboratories, including our Good Manufacturing Practice (GMP) facility, vivarium and biosafety equipment. The upgrade facilitated more accurate controls and reporting capabilities needed to meet our regulatory requirements.
Sunnybrook: Biological Sciences IP Specialist	Management & Administration of the Research Enterprise	Percentage of IPG grant invested in supporting this: .1%	Provide added support in Biological Sciences	Increase of IPs processed	Provide institutional efficiencies to Research Faculty	With the funds, SRI were able to hire a new technology analyst to support one of our scientific platforms, biological sciences. The technology analyst is responsible for assessing all potential patentable activities within this platform, which was previously underserved.
Sunnybrook: SRP Coordinator and Student Coordinator	Equity, Diversity and Faculty Renewal	Percentage of IPG grant invested in supporting this: 1.4%	To strengthen institutional commitment to EDI	To provide equitable support to coordinate students involved in the research enterprise	To refine institutional processes to ensure equitable outcomes	The two staff hired under our EDI project were able to support equity, diversity and inclusion (EDI) mandate at Sunnybrook Research Institute. Their daily activities include supporting EDI workshops for all our faculty, they participate in our corporate anti-racism task force (DART) and help maintain statistics in recruitment in support of EDI reporting.
UTL: Electronic Acquisitions to support remote and in-person research	Information Resources	Percentage of IPG grant invested in supporting this: 19.6%	Strengthen the library's reputation for building collections renowned for their scope, depth and scholarly impact,	Enhance the ability of University of Toronto faculty perform research both in person and remotely	Improve the end user experience	Funding has supported the purchase of electronic resources such as ebooks, data, and primary source material which help strengthen and maintain the library's reputation for building collections renowned for their scope, depth and scholarly impact.

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UTL: Downsview Expansion Project	Facilities Renewal	Percentage of IPG grant invested in supporting this: 2.7%	Expansion of high density storage	Increased storage capacity	Complete project within expected timelines	The Downsview Expansion aims to further expand the UTL at Downsview high density storage facility with additional bay modules to support the University's significant investment in collection and services.
UTL: Robarts 5th floor Map and Data Library Renovation	Facilities Renewal	Percentage of IPG grant invested in supporting this: .0%	Provide critical research area, consultative work spaces, and collaborative technology.	To better leverage research technologies in visualization, text and data mining	Complete project within expected timelines	The iconic map room now has increased collaborative space capacity, more available technological resources, and overall greater accessibility.