Research Support Fund Program – 2024-25

The Research Support Fund (RSF) assists Canadian postsecondary institutions and their affiliated research hospitals and institutes with the expenses associated with managing the research funded by the three federal research granting agencies:

- the Canadian Institutes of Health Research (CIHR);
- the Natural Sciences and Engineering Research Council (NSERC); and
- the Social Sciences and Humanities Research Council (SSHRC).

Every year, the federal government invests in research excellence in the areas of health sciences, engineering, natural sciences, social sciences and humanities through its three granting agencies. The Research Support Fund reinforces this research investment by helping institutions ensure that their federally funded research projects are conducted in world-class facilities with the best equipment and administrative support available. The total allocation for 2024-25 is \$5,014,474.

<u>Eligible institutions</u> receive an annual grant through the fund to help pay for a portion of the central and departmental administrative costs related to federally funded research.

The program (formerly known as the Indirect Costs Program) was introduced in 2003 as part of the federal government's strategy to make Canada one of the world's top countries in research and development. The values of the 2024-25 grants are based on the eligible funding (i.e. credits) that institutions received from the three federal granting agencies (NSERC, SSHRC, and CIHR) during the 2020-21, 2021-2022 and 2022-23 fiscal years, and according to the 2024-25 RSF, IPG and research security funding budgets totaling \$369,403,000 and \$58,235,090, \$24,720,000 respectively.

More details about the Program can be found at <u>http://www.rsf-fsr.gc.ca/about-au_sujet/index-eng.aspx</u>.

Definition of the Indirect Costs of Research

Indirect Costs (IDCs) are real costs attributable to scholarly, research and creative (SRC) activities. IDCs are those costs incurred at the University that are necessary for maintaining an environment and infrastructure that support research. IDCs are incurred at faculty and departmental levels for purposes common to all research projects, programs, or activities of the University, but which cannot be identified and charged directly to individual projects, programs, or activities with a reasonable degree of accuracy, and/or without an inordinate amount of accounting.

IDCs include but are not limited to:

- building costs, maintenance and depreciation (including renovations required for specific laboratories, heating, cooling and lights);

- maintenance, upgrading and depreciation of equipment purchased that enable faculty to undertake SRC activities;
- faculty salaries and benefits, where these are not charged directly to an SRC project;
- University, Faculty and Departmental/school administration such as payroll, human resources, accounting, purchasing and accounts receivable, insurance/risk management, occupational health and safety, legal, etc.;
- library and other research resources, including maintenance of on-line search capabilities and data-bases;
- central computing services;
- financing (e.g., payment of salaries of students or research technicians, purchase of materials and supplies, prior to the billing and receipt of revenue from a sponsor); and
- intellectual property assessment and advice.

Overview of How the Institution Allocates its RSF

The grant has been divided between the five different areas covered under the award. This was done for two reasons: 1. as the funded amount varies from year to year and could theoretically be cancelled we did not want any one area to be completely dependent upon the grant, and 2. dividing the grant between the different areas afforded the opportunity to discuss and explain the broad spectrum of RSF at the University.

The grant is held centrally and costs are attributed to the grant. The costs incurred are central costs primarily, however some costs such as lab renovations are paid centrally but the benefit is at the departmental/faculty level. The breakdown of the 2024-25 allocation is as follows:

Facilities	\$1,624,030
Resources	\$323,962
Management & Administration	\$2,777,402
Regulatory Requirements & Accreditation	\$129,080
Intellectual Property	\$160,000
Total Research Support Fund 2024-25	\$5,014,474

Affiliation

Ontario Strategy for Patient-Oriented Research (SPOR) Support Unit (OSSU)

Incremental Project Grant – 2024-25

The Incremental Project Grants (IPG) funding opportunity is a stream of the Research Support Fund (RSF), in addition to the RSF grant, that provides further support for the indirect costs of research.

This stream stems from additional funding for the RSF announced in Budget 2018, totaling \$231.3 million over five years (\$28.75 million in 2018-19) and \$58.8 million per year after that.

The IPG will provide eligible institutions with additional support for projects that focus on a set of priorities that cut across the RSF's <u>five existing categories of eligible</u> <u>expenses</u>. The initial four IPG priority areas are:

- innovation and commercialization activities;
- facilities renewal, including deferred maintenance;
- information resources, including digital resources, open access and databases; and
- equity, diversity and faculty renewal (in the context of equity, diversity and inclusion).

The objective of the IPG stream aligns with the RSF's objective to reinforce the federal research investment by helping Canadian postsecondary institutions ensure their federally funded research projects are conducted in world-class facilities with the best equipment and administrative support available. By directing funds to specific investments and annual or multi-year projects initiated by institutions, the IPG will facilitate tracking and reporting, to better demonstrate the impact of these investments.

The total allocation for 2024-25 is \$674,792. The costs are allocated within the three IPG priority areas to meet emerging SRC priorities. The allocation of the IPG funds reflects the strategic plan of the University to: (1) increase the impact of Toronto Metropolitan University's (TMU) research through increased support for commercialization and knowledge dissemination; and, (2) ensure the integrity of the research being undertaken through creation of resources and training around SRC integrity and inclusion.

Research Security – 2024-25

The Government of Canada released the National Security Guidelines for Research Partnerships in July 2021. The new requirements are to ensure the Canadian research ecosystem is as open as possible and as safeguarded as necessary and to integrate national security considerations into the development, evaluation and funding of research partnerships. TMU has been working and will continue to work with counterparts at other universities, government stakeholders, and with our researchers and internal partners to support the development of research security risk assessments and appropriate mitigation strategies and plans, whilst adhering to the fundamental principles of academic freedom and intellectual property policies. Our objective is to strengthen the management and administration of the institution's research risk management and security capacity using the Research Security program to fund three priority areas including:

- salaries and benefits for staff who assist and coordinate research security activities across the institution, and aid in identifying risks and risk mitigation measures across risk areas (physical, cyber, partnerships and international collaborations, intellectual property, people);
- costs associated with providing training (e.g., workshops) associated with research security, as well as tools and resources such as software licenses used to conduct open source due diligence searches; and
- Acquisition, maintenance and/or upgrade of information technology and research security systems.

The total allocation for 2024-25 is \$268,172.

Performance Objectives 2024-25 - RSF

Eligible expenditure	Institutional performance	Indicator	Outcome reported at year	
category			end	
Research Facilities	Provide research and innovation infrastructure support to increase scholarly, research and creative (SRC) quality, participation, and funding		Square footage of research and innovation space renovated	
	Coordinate and integrate activities of OSSU Research Centres	Maintain suitable office space to execute OSSU activities	Coordinating Centre space	
Research Resources	Provision of subscription library resources in support of research	Access and use verified via proxy data	Total access and uses of online library resources	
Management and Administration	Provide pre- and post-award support services to faculty members to enhance SRC excellence and impact of SRC activities OSSU – Maintain adequate staffing levels to execute organizational	Research administration services provided by the Offices of the Vice-President, Research and Financial Services Employ a coordinator to support attainment of organizational	Number of research grant/contract applications Number of new research cost centres Achieve organizational goals	
	coordination and integration activities	goals and objectives	and objectives	
Regulatory Requirements and Accreditation	d Accreditation and approval services to faculty members and graduate students to enhance SRC excellence and impact of SRC activities		Number of ethics protocols reviewed	
Intellectual Property	Provide support to faculty member with respect to intellectual property activities to enhance impact of SRC activities	Number of invention disclosures filed	Number of invention disclosures filed	

Performance Objectives 2024-25 - IPG

Project Title	IPG Priority Area	Output (investment of	Performance	Performance Indicator
Open Research Strategic	Information resources,	IPG grant funds) \$50,000 invested to	Objective Maximizing the reach	Participation in national
Reach and Impact	including digital	enhance research	and impact of TMU	repository technical
Expansion 2025	resources, open access	repository, data	research and researchers	development and
Expansion 2020	and databases	readiness, policy,	researen and researeners	implementation
		procedure and	Ensuring that research	imprementation
		workflows, to develop	follows the best	Preparation of guidelines,
		and design the portal	practices for openness	policy and procedures for
				output deposit including
			Building of robust	training materials and
			national research	programs
			repositories	
				Data preparation and
			Advancement of	migration planning
			equitable inclusive and	readiness and testing
			diverse research	
			practices across all	Local reporting analysis and
			disciplines	related support
			Centring EDI in SRC	
			for researches, students,	Design and development of
			librarians, and the wider	a Dimensions portal
			university and	1
			community	Portal policy and guidelines
				development
			Providing resources to	-
			help ensure that EDI	Gathering, reviewing and
			informed SRC continues	adding of content from

			to be part of all teaching, learning and research activities	Dimensions Leads and Dimension Coordinator
Strengthen, Grow and Advance the EIR Program	Innovation and commercialization activities	\$356,581 invested to raise awareness, interest and literacy in the areas of innovation, commercialization and IP	Expand pool of EIRs through strategic sector and expertise based recruitment Increased, deepened and broadened interaction with and engagement of researchers.	Number of disclosures Number of internal and external clients Number of internal and external interactions and tangible outcomes
Implementation of tool to measure inclusion	Equity, diversity and faculty renewal	\$50,000 invested for an implementation of tool to measure inclusion	Collect and analyze qualitative data on inclusion to help better understand the challenges, opportunities and successes of our EDI- related efforts Support scholars to develop diverse and inclusive SRC teams Promote better quality SRC, including in federally funded research, through engaged and inclusive	Identification and implementation of the tool, with protocols for use by researchers and teams

Research Integrity –	Information resources,	\$80,000 invested for	Enhanced engagement	Strong engagement with
Outreach, Awareness	including digital	research integrity	and continued	review process by faculty,
and Education	resources, open access		institutionalization of	graduate students, and
	and databases		strong research integrity	postdoctoral fellows of the
			practices across the	online training module
			university through a	
			continued	Key takeaways and
			comprehensive	revisions of the online
			evaluation exercise	training module
			resulting in updates to	
			educational resources,	Key takeaways for
			the delivery of an	additional research integrity
			inaugural research	resources
			integrity day and policy	
			implementation	Strong attendance and
			infrastructure	engagement at the inaugural
				research integrity day
				Implementation and
				appropriate use of the
				submission form for
				allegations of a breach of
				research integrity, which
				meets the standards of
				Policy 118
	Innovation &	\$138,211 invested for	Continue to provide	Number of patents filed
Technology Transfer	commercialization	administration of	intellectual property and	
Support		invention patent	patent drafting and	
Support		applications	filing expertise and	
			services to researchers	

Performance Objectives 2024-25 – Research Security

Project Title	Output (investment of research security funds)	Performance Objective	Performance Indicator	Target Outcome
Enhance Research Security – Planning and Implementation	\$268,172 invested in hiring research security staff and research security training for staff, faculty and others	Develop and implement a research security strategy for TMU that includes appropriate organizational framework, infrastructure and supports Engage with all levels of the University and Faculties to strengthen risk management and research security by examining, advocating and advancing research security matters in SRC activities, internationalization, and commercialization at the University Engage with provincial and federal governments, granting agencies and other research security stakeholders to share best practices and ensure	Development of plan to incorporate research security into TMU's existing enterprise risk management framework Development of research security organizational framework and infrastructure that aligns with and enhances TMU's enterprise risk management framework Creation and delivery of training workshops, research security briefings / guidance issued / tools Number of <i>National</i> <i>Security Guidelines for</i> <i>Research Partnerships</i> Risk Assessment Forms (or comparable documents) completed	 TMU SRC enterprise and broader community is well informed of new funding requirements and the drivers behind them (basic threat landscape and risk awareness) Faculties and researchers are well equipped to understand and identify research security risks (including cyber) and develop appropriate mitigation strategies Due diligence is applied consistently for all government grant applications before submission Staff is trained and supported on how to conduct due diligence and draft mitigation plans Researchers are supported with risk identification and mitigation and overall funding success rate is improved

compliance and	Number of successful grant	Improved efficiency and accuracy of
alignment of research security related policies,	applications subject to new research security	due diligence with the appropriate use of the tools
programs and procedures	requirements Number of tailored consultations and advice provided to faculties and researchers Development and implementation of risk- based due diligence reviews for partnerships and grant applications Active participation and contribution to national and international research	The TMU SRC enterprise and broader community is supported through accessible, user friendly online resources Research Security Risks are recognized as one of the top emerging institutional wide risks A research security governance framework is established with appropriate policies and guidance TMU SRC Enterprise and broader community are empowered to conduct research in a trusted environment
	security conferences Leadership role in both the regional and national research security community of practice	TMU's reputation is protected by not engaging with high risk entities and institutions TMU's positive security posture attracts talents and is trusted by the broader research ecosystem and their
		stakeholders Long term resilience is strengthened