

RESEARCH SUPPORT FUND (RSF) & INCREMENTAL PROJECT GRANT (IPG) SPENDING, OBJECTIVES, INDICATORS AND OUTCOMES

2021 - 2022

In 2021-2022, Simon Fraser University received **\$7,487,450** in RSF grants and **\$1,132,552** in IPG funding.

RESEARCH SUPPORT FUND OUTCOMES:

	OBJECTIVES	INDICATORS	TARGETED OUTCOMES	REPORTED OUTCOMES
FACILITIES	Maintain and create modern, safe, sustainable, and well-equipped research facilities to support knowledge and creation exchange	Number of facilities maintained, supported, and managed	- Provide effective support, management, and maintenance to facilities to ensure high-quality research spaces	<p>Target met.</p> <p>RSF successfully contributed to providing SFU facilities with effective support, management and maintenance to ensure high-quality and quantity of research space and technical support. This included support of SFU core facilities.</p> <p>Example:</p> <p>RSF funding supported SFU core facility, the BIO3 Lab, one of a few biosecure facilities in Canada that are certified by the Public Health Agency of Canada.</p> <p>Story 1. Story 2.</p>
RESEARCH RESOURCES	Facilitate research at undergraduate, graduate, and faculty levels by ubiquitous access to research and tools	- Amount and utilization of shared Library facilities and other research resources	<p>- Maintain and increase access to research and tools, including electronic information resources</p> <p>- Optimize resources and support structures to maximize impact</p>	<p>Target met.</p> <p>RSF successfully contributed to maintaining and increasing access to research and tools (such as electronic information resources) and optimizing resources to support structures to maximize impact.</p> <p>Example:</p> <p>Due to RSF support, SFU's Beedie School of Business purchased software that provides their researchers with improved</p>

				access to a variety of datasets intended for a wide array of research purposes.
MANAGEMENT & ADMIN	Maintain the effective operation of SFU’s research enterprise by providing a wide range of research administration support mechanisms accessible to all	<ul style="list-style-type: none"> - Quantity of funded research - Quality of research support and promotion 	<ul style="list-style-type: none"> - Increase quantity and quality of funded research and research support - Increase effectiveness of information systems 	<p>Target met.</p> <p>RSF supported the quality and quantity of funded research and research support.</p> <p>Example:</p> <p>RSF supports with funding for SFU’s Institutional Strategic Awards (ISA) staff. These positions help SFU researchers increase success, reduce administrative burden, and to make it possible for the university and SFU faculty to successfully compete for the most significant and prestigious grants, prizes and awards available, such as the Royal Society of Canada (11 SFU researchers were awarded in 2021).</p> <p>Story.</p>
REGULATORY REQUIREMENTS	Maintain the highest level of ethical and safe conduct for research	Quantity and quality of compliance with regulatory, financial, and funding agency requirements	<ul style="list-style-type: none"> - Maintain compliance with the Canadian Council on Animal Care (CCAC) and the Tri-Council Policy Statement - On-going regulatory and technical support 	<p>Target met.</p> <p>RSF successfully contributed to compliance with CCAC, Tri-Council Policy Statement, and the quality and quantity of regulatory and technical support. RSF continues to provide support of regulatory bodies.</p> <p>Example:</p> <p>RSF contributes to the salaries of staff members who work to ensure SFU’s continued compliance with regulatory requirements; such as staff within Animal Care Services and Research Ethics.</p>

<p>INTELLECTUAL PROPERTY & KNOWLEDGE MOBILIZATION</p>	<p>Transfer the results of our research to the broader society, including policymakers, civil society leaders and the community, for social and economic benefit</p>	<p>Increase in intellectual property, technology transfer, and knowledge mobilization activity</p>	<ul style="list-style-type: none"> - Quantity and quality of IT/tech transfer activity - Recognition and promotion of SFU research and scholarship 	<p>Target met.</p> <p>RSF successfully contributed to SFU's quantity and quality of IT/tech transfer activity. This funding contributes to positions that help support faculty, graduate students and university researchers in the strategic management of the intellectual property they generate through their inventions.</p> <p>Example:</p> <p>RSF supports SFU's Technology Licensing Office (TLO). The TLO helps SFU researchers build effective working relationships with communities, industry, governments, NGOs and non-profits to increase the solution capability of SFU innovators.</p> <p>Story.</p>
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INCREMENTAL PROJECT GRANT OUTCOMES:

<p>IPG PROJECT AREA #1</p>	<p>PROJECT TITLE</p>	<p>OUTPUT (INVESTMENT OF IPG GRANT FUNDS)</p>	<p>PERFORMANCE OBJECTIVE</p>	<p>PERFORMANCE INDICATOR</p>	<p>TARGETED OUTCOMES</p>	<p>REPORTED OUTCOMES</p>
<p>INFORMATION RESOURCES, INCLUDING DIGITAL RESOURCES, OPEN ACCESS AND DATABASES</p>	<p>Research Administration Information Utility Systems</p>	<p>\$370,000 invested to develop and implement new research administration utility systems</p>	<p>Develop and implement custom-designed software solutions, or utility systems, to improve administrative data, administrative training, statistics and record-keeping, introduce</p>	<ul style="list-style-type: none"> - Number of new modules/systems designed - Number of new modules/systems implemented 	<p>Design and implement several new modules/systems</p>	<p>IPG funds contributed to the development and implementation of custom-designed software solutions to improve administrative data, training, statistics, record-keeping, automation, analytics and communication</p>

automation, and improve analytics and communication capabilities

capabilities. These custom-designed solutions were adapted to the needs of the system's goals and users, while collectively fitting together as pieces within a greater utility system.

Metrics outcomes for this project include:

- 3 total systems/modules designed

- 9 total systems/modules implemented

For example, SFU's Research Expertise Engine was enhanced with a: research creations module; advanced search module; sustainable development goals (SDGs) module; trending module; URL module; a complete brand overhaul and support for mobile

						responsiveness; and backend enhancements. Additionally, an Institutions Module was created for a Contracts database, the Centres and Institutes database webpage was updated, and a payments module within a Commitments database was completed.
IPG PROJECT AREA #2	PROJECT TITLE	OUTPUT (INVESTMENT OF IPG GRANT FUNDS)	PERFORMANCE OBJECTIVE	PERFORMANCE INDICATOR	TARGETED OUTCOMES	REPORTED OUTCOMES
INNOVATION AND COMMERCIALIZATION ACTIVITIES	Strategic Development of Innovation and Commercialization Partnership Support	\$762,552 invested to support development and growth of SFU VPRI's innovation and commercialization-focused units	Increasing SFU's capacity to develop key strategic partnerships, collaborations, and commercialization activities with community stakeholders to maximize innovation and community impact	<ul style="list-style-type: none"> - Development of overall plan and structure - Number of: leads generated, industry partners, government partners, IP policies created/revised, new positions hired, stakeholders actively engaged, and amount of relevant external funds to SFU 	<ul style="list-style-type: none"> Implementation of overall plan and structure Percentage increase per year for: leads generated, number of industry and government partners, IP policies created/revised, positions hired, stakeholders actively engaged, and relevant external funding to SFU 	Thanks in large part to the IPG program, SFU has been able to strengthen its approach to innovation, commercialization and strategic partnerships. Throughout this fiscal year, SFU has progressed in a more holistic structure for these activities by starting to unite them under the umbrella of our innovation strategy: SFU Innovates. IPG funding has specifically supported two arms of SFU Innovates: SFU's Partnerships Hub (SPH), which supports researchers in developing new—or growing existing—

external partnerships that take innovative ideas and translate them into solutions benefiting our communities; and SFU's Technology Licensing Office (TLO), which delivers IP protection and technology licensing services.

Metrics outcomes recorded from this project include:

- Partner engagement across SFU's 8 faculties
- 190+ companies were engaged, more than half of whom were engaged through commercialized research development, IP licensing and startup support
- 15+ governmental organizations engaged at federal, provincial and municipal levels
- \$22.2M in external funding opportunities for SFU for research, training, consulting, and other opportunities
- Development of 3 major initiatives focused on supporting post-pandemic

						<p>economic and social recovery</p> <ul style="list-style-type: none">- 1300+ audiences engaged at outreach events highlighting SFU's strengths, its innovation and knowledge mobilization activities, and featuring SFU researchers with our external partners- Major revisions of IP policies- 2 new TLO staff positions hired- Many leads generated
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