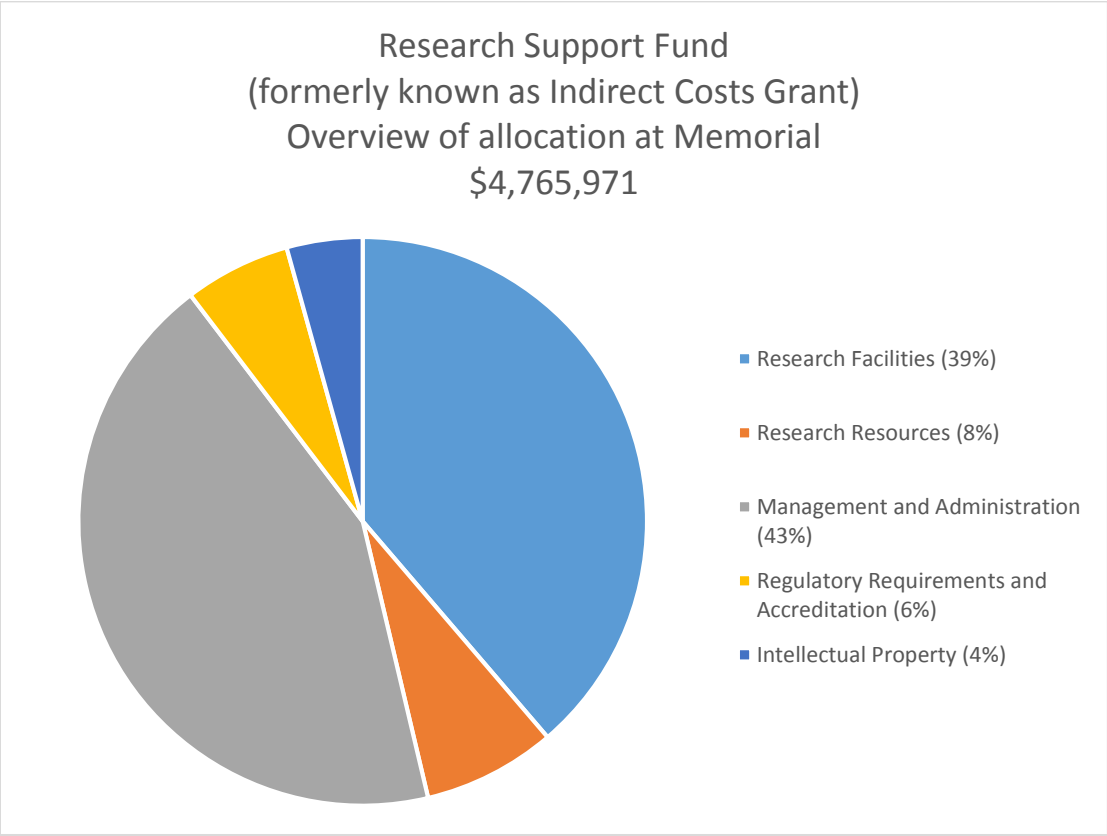


Memorial University of Newfoundland Research Support Fund Report 2018-19

The grant provided through the Government of Canada Research Support Fund (RSF) is essential to Memorial’s research success. Funding is allocated among a variety of activities that support the research enterprise. In 2018-19, Memorial received \$4,765,971. The distribution of this funding is outlined in the chart below.



Memorial University of Newfoundland – Research Support Fund – 2018-19 Performance Indicators and Target Outcomes

Eligible Program Expenditure Category	Institutional Performance Objectives	Performance Indicator	Target Outcomes	Outcomes Reported at Year-End
Research Facilities	<p>Research data maintained through appropriate data storage capacity.</p> <p>Competent technical staff and appropriate facilities to maximize research support.</p>	<p>Volume of data back-up.</p> <p>Provision of technical support appropriate for research needs and functional equipment.</p>	<p>Research data maintained.</p> <p>Technical research support facilities meeting the needs of researchers and graduate students.</p>	<p>Data storage capacity in the ITS data centres was increased in 2018-19 from 800TB to 1 petabyte to support MUN’s storage requirements including research storage.</p> <p>With its team of engineers, technologists and craft-persons, and with its significant investment in technology and equipment, the Department of Technical Services assists researchers and graduate students in the design and development of the many custom devices required by their experimental programs.</p> <p>Continued investment in professional development for scientific staff within the CREAT Laboratory Network ensures continuity of high quality and expert laboratory output along with high</p>

Memorial University of Newfoundland – Research Support Fund – 2018-19 Performance Indicators and Target Outcomes

	Research infrastructure upgrades and development.	Structural condition of buildings and laboratories.	A safe working environment.	<p>quality performance management for a Network of sophisticated scientific equipment and instrumentation.</p> <p>The Department of Technical Services provides the staffing and maintains certifications to ensure that Memorial's 300 fume hoods and 100 Biological Safety Cabinets are compliant with current legislation.</p>
Research Resources	Ensuring Memorial University's researchers and students have the essential resources available within all branches of the Library system and access to all required content not held onsite	Collection usage data as well as document delivery metrics.	Provide efficient and effective access to all library research content required by researchers and students.	Received additional base funding to enhance access to research materials. Analyzed journal package use data and document delivery request data and reinstated Cambridge and Oxford journals collections. Continue to expand open access initiatives.
Management and Administration of Institution's Research Enterprise	Maintain support to the implementation of the key objectives outlined within Memorial University's Strategic Research Intensity	Metrics have been developed to track the annual progression and success of SRIP.	Maintain and increase research intensity.	There was a significant increase in Tri-Agency funding received. Specifically, there was 9.4% more funding

Memorial University of Newfoundland – Research Support Fund – 2018-19 Performance Indicators and Target Outcomes

	<p>Plan (SRIP) to provide continued improvement and gain increased efficiency in research administration.</p> <p>Optimizing pre- and post-award services offered to Memorial’s research community by Research Grant and Contracts (RGCS) and CREAT, CRC and CFI (CCCS).</p> <p>Maximizing the impact of Memorial’s multi-disciplinary array of laboratories and equipment through the Core Research Equipment and Instrument Training (CREAIT) Network.</p> <p>Providing academic unit resources to assist with grants facilitation, research development, grant</p>	<p>Research office metrics.</p> <p>Metrics for the utilization of CREAT facilities.</p> <p>Researcher engagement with grants facilitation within the units and continued professional</p>	<p>Maintain or improve service levels.</p> <p>Maintain or improve service levels.</p> <p>Research funding success and researcher participation rates; maintain or improve</p>	<p>received in fiscal year 2018-19 than in 2017-18.</p> <p>Continued development of highly effective client communications and management of services through extensive consultations, feedback and change initiatives.</p> <p>Multi-year consistency in contribution to scientific research as measured by stability in the number of laboratory users (approx. 700 in 2018/19) and internal and external financial recoveries (\$500K in 2018/19). This is significant in the context of increasingly challenging research and business environments.</p> <p>RSF supported annual membership registrations and conference attendance for continuing education of grants</p>
--	--	---	---	---

Memorial University of Newfoundland – Research Support Fund – 2018-19 Performance Indicators and Target Outcomes

	administration and project management.	development of research administration staff.	financial oversight of research.	facilitation officers in various faculties.
Regulatory Requirements and Accreditation	<p>Maintain high-quality support for ethical research and teaching through Memorial University’s Ethics Boards and Animal Care Services.</p> <p>Maintain infrastructure, programming and staffing necessary to meet regulatory standards and to encourage excellence and innovation in research.</p>	<p>Number of researchers and graduate students involved in human and animal research.</p> <p>Proper housing and care of animals. Ventilated caging for animals. Ensuring emergency power to be safeguarded against animal distress/loss.</p>	<p>Maintain or improve service levels.</p> <p>A safe, ethical research environment within Animal Care Services maintaining CCAC regulatory requirements.</p>	<p>Service levels have been maintained, and workload is on par with last year. ICEHR received 236 new ethics applications in the fiscal year April 1, 2018 - March 31, 2019, as well as 101 amendment requests and 497 annual updates, which provide continued ethics review for compliance with the TCPS2 for the duration of a research project involving human participants.</p> <p>Animal Care Committee has improved and functions with more site visits, increased member participation and improved post-approval oversight. The Committee has coordinated with Animal Care Services and Information Technology Services to prepare a Request for Proposal for a software package which</p>

Memorial University of Newfoundland – Research Support Fund – 2018-19 Performance Indicators and Target Outcomes

				<p>will improve animal health records and communications with researchers.</p> <p>Construction on the Animal Resources Centre is ongoing and on schedule. Researchers are beginning to prepare for the move in 2020.</p>
Intellectual Property	To assist Memorial University’s researchers with intellectual property protection, commercialization, industry engagement, and related activities.	Increase in industry engagement and collaboration with external partners.	Creation of collaborations and partnerships with external stakeholders	<p>16 disclosures made, 5 patents filed, 4 patents issued and 54 grants of rights.</p> <p>209 individual meetings with companies, 84 industry R&D contracts and 112 new spin-off or startup companies formed.</p>