Incremental Project Grants (IPG) 2021-22

Incremental Project Grant Allocation for 2021-22

Project Title	IPG Priority Area	IPG Investment
2021-2022 Cayuse Project	Information resources, including digital resources, open access and databases (Research Resources)	$228,550
Animal Care – Anesthetic Units	Facilities renewal, including deferred maintenance (Research Facilities)	$135,000
Purchase of Spectrum Analyzer	Facilities renewal, including deferred maintenance (Research Facilities)	$41,070
Total IPG Award for 2021-22		**$404,620**

The Incremental Project Grant Objectives, Indicators and Outcomes for 2021-22 is found in the table below.

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Project Title	IPG Priority Area	Output (investment of IPG grant funds)	Performance objective	Performance indicator	Target outcome	Reported outcome
2021-2022 Cayuse project	Information resources, including digital resources, open access and databases (Research Resources)	$228,550 for implementation of Cayuse Software Suite at memorial University.	Adopt to the Cayuse Enterprise Software Suite and migrate the legacy Romeo data to it, as the Romeo product will be retired in 2022/23.	The Cayuse system is fully operational at Memorial University and its campuses.	The Cayuse system is fully operational and there is no longer any reliance on the Romeo product.	**In Progress:** The “Sponsored Projects” and “Human Ethics” portions of the Cayuse implementation have been paused due to a lack of certain key functionalities required by both the Research Initiatives & Services (RIS) and human ethics offices. The Cayuse vendor is actively working with Memorial to address these technical issues.
			Enhance the usability of Memorial’s research enterprise software for researchers, unit heads, research offices, ethics offices and senior leadership.	Global uptake in the Cayuse product from all units, administrative departments of Memorial University that support and facilitate research.	Positive feedback from all user-groups as to the usability of the Cayuse system and the improved work-flows.	**In Progress:** The “Sponsored Projects” and “Human Ethics” portions of the Cayuse implementation have been paused due to a lack of certain key functionalities required by both the RIS and human ethics offices. The Cayuse vendor is actively working with Memorial to address these technical issues.
			Provide an end-to-end software solution for the Animal Care office.	The Animal Care Office no longer uses disparate systems to track and manage animal care oversight.	From animal ethics approvals, to the management of all aspects of animal care procurement, testing, management and billing, delivered in a single software package.	**In Progress:** The Cayuse Animal Care modules are currently being implemented and are not yet fully functional at Memorial. The Animal Care and Veterinary Resources office expects to fully transition to the Cayuse product sometime during the fall of 2022.
			Ensure the legacy data from Romeo is fully usable in the Cayuse system.	Legacy data from Romeo should be indistinguishable from native data in terms of functionality and reporting.	All legacy data from Romeo can leverage the full functionality of the Cayuse system without compromise.	**In Progress:** The Animal Care implementation of Cayuse in still in process. The Animal Care legacy data migration from Romeo is expected to occur sometime in the fall of 2022.

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Animal Care – Anesthetic Units	Facilities renewal, including deferred maintenance (Research Facilities)	$135,000 invested in three new anesthetic units with intra-operative monitoring and ventilators	Source new and reliable anesthetic units with intra-operative monitoring and ventilators essential for providing safe, humane care to animals during surgical procedures	Acquisition of three new anesthetic units with intra-operative monitoring and ventilators specific to ranging surgical needs	Implementation of new anesthetic units with intra-operative monitoring and ventilators for use within the animal care and use program, including translational research with swine and woodchuck models, and medical resident teaching over various disciplines including emergency medicine, obstetrics and gynecology.	**Achieved:** Three anesthetic units have been successfully procured and are operational
Purchase of Spectrum Analyzer	Facilities renewal, including deferred maintenance (Research Facilities)	$41,070 invested in the purchase of a spectrum analyzer	Purchase of a real time spectrum analyzer and appropriate accessories such as near field probes for the Department of Technical Services. A spectrum analyzer measures and displays the amplitude of an input signal versus frequency. This allows visualization and measurement of the frequencies in a signal and their relative power. Technical Services does not currently have a spectrum analyzer.	Increased capabilities and support offered to researchers by Tech Services in areas such as troubleshooting suspected electromagnetic interference, analyzing the spectra of conducted signals, and checking for electromagnetic leakage from equipment.	Specific applications will vary based on the needs of researchers but may include design and troubleshooting of Faraday cages used for research, ambient surveys for EMI sensitive research such as electrophysiology, troubleshooting of custom circuit boards used in research, and/or early pre-compliance testing of equipment intended for commercialization.	**Achieved:** Equipment procured, employee training ongoing and capability communicated to key researchers.