



RESEARCH SUPPORT FUND

INSTITUTIONAL PERFORMANCE OBJECTIVES 2022-2023

In 2022-23, the University of Alberta received RSF funding of \$17,267,503 and allocated the funding to the following categories:

Eligible Expenditure Category	Output	Institutional Performance Objective	Indicator	Targeted Outcomes	Outcomes Reported at end of the year
Research Facilities	Projected: 6.9% of RSF funding invested in support of Research Facilities maintenance and upgrades	Compliance with lab research requirements as well as reducing deferred maintenance through renewed and upgraded laboratory spaces.	<p>Installation of CCAC compliant redundant HVAC system for animal research labs.</p> <p>Safety upgrades to laser research labs</p> <p>Renewed biocontainment laboratory facilities</p>	<p>Renewed and CCAC compliant animal research lab space</p> <p>Laser research lab spaces upgraded to meet modern safety compliance</p> <p>Re-certified and renewed biocontainment laboratory facilities</p>	<p>Actual 6.9% of RSF funding invested:</p> <p>Achieved: Renewed failed HVAC units for South Campus animal labs</p> <p>Upgraded existing laser labs with both architectural barriers and safety equipment.</p> <p>Renewed and upgraded architectural seals and interior finishes to maintain Biocontainment Lab facilities.</p>
		Provide reliable research facilities for researcher use	<p>Installation of a new water tank monitoring system for the aquatics research laboratory.</p> <p>Installation of a dedicated HVAC system for the research anthropology collection in the Tory Building.</p> <p>Resealed and repaired, the compromised flooring of the research animal pens in F79 Swine Research Building.</p>	<p>Enhanced reliability for research facilities for improved research outcomes.</p>	<p>Achieved: Installed a new water tank monitoring system for the aquatics research laboratory.</p> <p>In Progress: Construction portions of the renewal and modernization of research laboratories in Biological Sciences Building - Zoology Tower Levels 4, 5, 10, and 11</p> <p>Funded by other sources: Installation of Tory Building research anthropology HVAC system; Flooring repair of animal pens in F79 Swine Research Building</p>
		Provide renewed and operational eyewash and emergency showers for research spaces	<p>Installation of compliant eyewash and emergency shower stations for labs.</p>	<p>Enhanced lab research safety and reduced institutional risk</p>	<p>Achieved: Replaced failed eyewash and emergency showers for research labs</p>
Research Resources	Projected: 22% of RSF funding invested in electronic subscription-based database for research resources	Reliable, cost-effective access to current research resources for faculty and staff. These resources include access to subscription-based databases and electronic journals essential to modern university-based research communities.	Number of unique text downloads of Elsevier Direct Package [part of Canadian Research Knowledge Network (CRKN) resources] will be measured.	1 million unique downloads of Elsevier Direct Package (controlled access and Open Access) materials.	<p>Actual 28.7% of RSF funding invested:</p> <p>Achieved: 1,275,743 unique downloads of Elsevier Direct Package (controlled access and Open Access) materials.</p>

Management and administration of an institution's research enterprise	Projected: 36.5% of RSF funding invested in providing administrative support to UAlberta's research community and federal granting agencies	Provide necessary research administrative support for processing of new grants and awards as well as amendments for UAlberta's research community and federal granting agencies.	Number of new grants and awards set-up Number of amendments processed	2,400 new grants and awards set up 3,000 amendments processed in 2022-23.	Actual 31.4% of RSF funding invested: Achieved: 2,624 new grants and awards set up 3,945 amendments processed in 2022-23.
Regulatory requirements and accreditation	Projected: 28.9% of RSF funding invested to maintain regulatory requirements and accreditation	Ensure UAlberta's research biological, chemical or radioactive waste is disposed via well established and defined processes. Health, Safety and Environment (HSE) provides staff and facilities to ensure that waste products are disposed of in approved processes.	Volume of hazardous waste processed	Volume of hazardous waste processed for 2022-23: - 44,000 liters of liquid waste - 44,000 kgs of solid waste.	Actual 27.2% of RSF funding invested: Achieved: Volume of hazardous waste processed for 2022-23: - 78,718 liters of liquid waste - 50,447 kgs of solid waste.
		Continual development of an integrated Health, Safety and Environment (HSE) Management System of processes and procedures in research settings that efficiently meet regulatory requirements.	Reportable incidents to third party regulators Number of non-compliance items in research settings	Reduction in the number of research related reportable incidents of 8 or less Target for non-compliance items in research settings under development	Total reportable research related incidents: 14 Q4 results 89% compliance based on target of 95% compliance
		Ensure all the animal care and welfare standards set out by the Canadian Council on Animal Care (CCAC) are met or exceeded, and that the University of Alberta retains a current Certificate of Good Animal Practice from the CCAC. This is achieved through support of technical staff and the Health Sciences Laboratory Animal Services (HSLAS) preclinical research activities of research laboratories across the University of Alberta campus.	Provide preclinical research services to researchers (approximately 140 researchers from 7 Faculties). These services include animal husbandry and care, technical services, and training services for researchers and associated staff. Continue to maintain CCAC accreditation and a Certificate of Good Animal Practice that is necessary for University of Alberta researchers to access Tri-Council grant funding.	1. Monitor number of researchers and active animal use protocols receiving preclinical research support services: At any time, there are approximately 140 researchers using preclinical research services and approximately 280 active Animal Use Protocols. 2. Maintenance of CCAC accreditation and University of Alberta research community access to Tri-Council Funding. 3. New faculty recruitment of researchers who receive preclinical support services through HSLAS for each quarter are tracked and recorded.	Achieved: 1. Approximately 140 researchers using preclinical research services and 271 active Animal Use Protocols. 2. Maintained CCAC accreditation and University of Alberta research community's access to Tri-Council Funding. 3. New faculty researchers who receive preclinical support services through HSLAS = 7 (Q1 1, Q2 1, Q3 3, Q4 2)
Intellectual property	Projected: 5.8% of RSF Funding invested in patent protection and commercial activities	Accelerate translation of new discoveries into marketable products by Identifying, protecting, and facilitating development of new technologies and companies where applicable, emanating from UAlberta inventors. Build connections between UAlberta inventors, industry and funding agencies to facilitate the development and transfer of technologies through licensing opportunities and/or spin-off company creation.	# Inventions reported in fiscal year 2022-23 # Patents filed in fiscal year 2022-23 # Patents granted in fiscal 2022-23 # Spin-offs created in fiscal year 2022-23	100 new inventions reported 50 new patents filed 15 new patents granted 8 spin-offs created	Actual 5.8% of RSF funding invested: Achieved: 72 new inventions reported 82 new patents filed 31 new patents granted 13 spin-offs created (5 based on patentable IP, 8 other researcher-created companies)