



RESEARCH SUPPORT FUND

INSTITUTIONAL PERFORMANCE OBJECTIVES 2023-2024

In 2023-24, the University of Alberta will receive RSF funding of \$17,397,904 and has allocated the funding to the following categories:

| Eligible Expenditure Category | Output | Institutional Performance Objective | Indicator | Targeted Outcomes |
|--|---|--|---|--|
| Research Facilities | Projected: 6.8% 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 Aquatics lab lighting fixtures upgraded to vapour tight as required by code.</p> <p>Renewal and upgrades for animal research laboratory and life science research laboratory spaces.</p> <p>Renewed biocontainment laboratory facilities</p> <p>Design and install a CCAC-compliant fire alarm system for the animal research lab area</p> | <p>Renewed and CCAC compliant animal research lab space</p> <p>Biosafety Level 2 compliant research space.</p> |
| | | Provide reliable and safe research facilities for researcher use | Re-certify fumehoods through annual inspection, as required by environmental health and safety. | Enhanced reliability and safety for research facilities for improved research outcomes. |
| | | Provide renewed and operational eyewash and emergency showers for research spaces | Installation of compliant eyewash and emergency shower stations for labs. | Enhanced lab research safety and reduced institutional risk |
| 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] | 1.25 million unique downloads of Elsevier Direct Package (controlled access and Open Access) materials. |
| Management and administration of an institution's research enterprise | Projected: 35.7% 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. | <p>Number of new grants and awards set-up</p> <p>Number of amendments processed</p> | <p>2,400 new grants and awards set up</p> <p>3,000 amendments processed</p> |

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| Regulatory requirements and accreditation | Projected: 29.7% 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 2023-24: - 64,000 liters of liquid waste - 48,000 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 identified in scheduled HSE inspections of research settings | Reduction in the number of research related reportable incidents of 8 or less Percentage of non compliance items in research settings less than 10% (source HSE Quarterly Report) |
| | | 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. |
| Intellectual property | Projected: 5.7% 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. | # Inventions reported in fiscal year 2023-24 | 100 new inventions reported |
| | | 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. | # Patents filed in fiscal year 2023-24 | 80 new patents filed |
| | | | # Patents granted in fiscal 2023-24 | 35 new patents granted |
| | | | # Spin-offs created in fiscal year 2023-24 | 15 spin-offs created |