

Incremental Project Grants

INSTITUTIONAL PERFORMANCE OBJECTIVES 2021-2022

In 2021/22, the University of Calgary will receive Incremental Project Grants funding of \$ 2,791,542.00 and has allocated the funding to the following projects:

Project Description	Priority area(s)	Allocated Amount	Institutional Performance Objectives	Indicators	Targeted Outcomes
Indigenous Research Support Team (IRST)	Equity, diversity, and faculty renewal (in the context of equity, diversity, and inclusion)	\$ 416,000.00	<p>Launched in late 2019 within Research Services to further the Indigenous Research enterprise at the University of Calgary through key offerings and support.</p> <p>To strengthen and identify existing resources for Indigenous communities and stakeholders, university researchers, and further partners to promote collaborative, reciprocal, and culturally responsive research.</p>	<p>Indigenous researchers engaged and supported by the IRST</p> <p>Community organizations engaged</p> <p>Community engagement events</p> <p>Indigenous research ethics applications processed</p>	<p>Timeline: July 2019 – June 2023</p> <p>Efficient, effective, and supportive management and administration of Indigenous research activities</p>
EDI Initiatives	Equity, diversity, and faculty renewal (in the context of equity, diversity, and inclusion)	\$ 81,000.00	<p>To implement best practices to sustain the participation of and/or address the underrepresentation of individuals from groups including, but not limited to: women, Indigenous Peoples, persons with disabilities, members of visible minorities/racialized groups, and members of LGBTQ2+ communities.</p> <p>A dedicated Equity, Diversity, and Inclusion Advisor will be positioned within the Research Services Office and will gather data and further develop processes related to supporting Equity, Diversity, and Inclusion for the UCalgary research community.</p>	<p>Educational resources developed</p> <p>Workshops and information sessions delivered</p> <p>Researchers surveyed and number interviewed</p>	<p>Timeline: July 2019 – June 2023</p> <p>The EDI Advisor will deliver expert advice and guidance, develop strategic practices, and implement plans to ensure that the university meets its EDI goals in advancing research excellence.</p>
Knowledge Engagement	Innovation and commercialization activities	\$ 300,000.00	<p>A Knowledge Engagement team has been established on a pilot basis to better support innovation and knowledge mobilization activities.</p> <p>The Knowledge Engagement team has a broad mandate to build capacity in knowledge engagement, facilitate the</p>	<p>Number of:</p> <ul style="list-style-type: none"> - inquiries received from both internal and external parties interested in community-focused research partnerships - meetings with community organizations - events 	<p>Timeline: June 2019 – May 2023</p> <p>Providing dedicated staff focused on community partnerships will lead to efficient and effective management of innovation and knowledge engagement activities:</p>

			development of partnerships for research, and provide a robust support structure for these initiatives. For the pilot period, the Knowledge Engagement team is focused on the social sciences, humanities, and community health.	<ul style="list-style-type: none"> - partnerships supported - funded projects - research revenue - guidance resources developed - website data (traffic, inquiries submitted) 	<ul style="list-style-type: none"> - increased engagement of faculty with community stakeholders - increased research revenue - long term partnerships with community - new employment opportunities for students working on partnered projects
High performance computing (HPC) and research data management (RDM)	Facilities renewal, including deferred maintenance	\$ 440,000.00	<p>High Performance Computing To increase research capacity through greater access to shared major infrastructure across our university, including computing infrastructure, and to address and further prepare for greater demand.</p> <p>Research Data Management To develop an RDM strategy to guide the transition of processes and practices to comply with the Tri-Agency Research Data Management Policy.</p> <p>This strategy will consider requirements for the collection and storage of data; the creation of metadata to aid in discovery and use of datasets; best practices around preservation, retention, and sharing of data; and recommendations for acknowledgement and citation of data, in order for researchers to be credited for their data.</p>	<p>Availability, health, and performance of HPC resources available to the research community</p> <p>New resources and tools developed to support RDM</p> <p>Number of researchers accessing the HPC and RDM resources</p> <p>Time to completion of requests for virtual machines</p>	<p>Timeline: July 2021 – June 2023</p> <p>Increased availability of relevant research computing resources</p> <p>Reduced time to fulfilment of requests for virtual machines</p> <p>Improved access to RDM training, tools, and resources</p>
International Research Partnerships & Innovation Unit	Innovation and commercialization activities	\$ 110,544.00	<p>This new unit will provide strategic and operational insight that supports the overall advancement of global research and innovation at the University of Calgary to better support international research, attract new major international funding, and to expand global partnerships that support the advancement of research, innovation, and commercialization.</p> <p>Through our existing research themes and our focus on matching our research strengths with opportunities, we will</p>	<p>Global research revenue</p> <p>International research guidance resources developed</p> <p>Dollars raised for partnerships</p> <p>Number of:</p> <ul style="list-style-type: none"> - new global research and innovation partnerships supported - faculty members involved in global research - new faculty collaborations - funded global research and innovation projects 	<p>Timeline: July 2021 – March 2024</p> <p>Expanded innovation opportunities and global research connections</p> <p>Enhanced capacity for global partnerships and knowledge transfer</p> <p>Increased partnerships with like-minded entrepreneurial institutions pursuing research and innovation in areas that align with our academic and research priorities</p>

			<p>leverage our expertise and entrepreneurial mindset to increase international collaborations and expand opportunities for knowledge transfer for global impact.</p>	<ul style="list-style-type: none"> - new international research outputs - patents and start-up companies arising from international partnerships 	<p>Foster innovation, entrepreneurship, and commercialization through partnerships with organizations invested in our research Innovation Quarter</p> <p>Increased research revenue from international funding agencies</p> <p>Increased joint research outputs with international partners</p> <p>Increased engagement of faculty in international research and innovation collaborations</p> <p>Developed opportunities and tools for researchers – workshops, international research and innovation toolkit, a searchable international funding database</p>
Integrated Industry Partnerships	Innovation and commercialization activities	\$ 30,000.00	<p>The University is establishing a formal industry engagement working group to review, coordinate, enhance, and expand relationships with industry partners across campus.</p> <p>The Industry Engagement Working Group's mandate is to develop a campus-wide coordinated operational approach for UCalgary industry partnerships.</p>	<p>Increase in:</p> <ul style="list-style-type: none"> - industry-sponsored research revenue - number of active research and innovation partnerships with industry - number of patents and licenses - number of start-up companies and/or investments in University start-up companies 	<p>Timeline: June 2021 – March 2023</p> <p>Enhanced reputation of UCalgary as a trusted partner of choice among corporations and industry groups</p> <p>Increased revenue coming to the University to support priorities and initiatives</p> <p>Increased number of active partnerships that have transformative potential and impact</p> <p>A new system to appropriately triage industry engagement enquiries coming into the University</p> <p>A new strategy to maximize work-integrated learning opportunities with industry partners</p> <p>Improved delivery of services and outcomes</p> <p>Coordinated approach to the University Industry relations protocols and practices</p>

					<p>Reduced competition between units and an increase in consistency of services for industry partners</p> <p>Decreased frustration for industry partners when navigating partnerships with UCalgary</p>
Research Impact Assessment (DORA)	Information resources, including digital resources, open access and databases	\$ 115,000.00	<p>To develop the required digital resources and databases needed to support the implementation of the San Francisco Declaration on Research Assessment (DORA) and monitor our progress by:</p> <ul style="list-style-type: none"> - conducting a review of internal policies and practices for research assessment - developing and disseminating digital resources that promote DORA principles, share best practices, and support individual faculties to implement DORA guidance - developing tools that help faculty members to capture and summarize their scholarly impact 	The objectives will be implemented according to the specified timeline	<p>Timeline: July 2021 - 2023</p> <p>Successful implementation of DORA, enhancing UCalgary's contribution to the global scholarly enterprise while also enhancing the ability to equitably recognize and reward the contributions of individual researchers.</p>
Electronic infrastructure for clinical trials and integrated ethics platforms	Facilities renewal, including deferred maintenance	\$ 226,667.00	<p>Virtual Clinical Trial Platform To select and implement a virtual clinical trial platform that meets the needs of UCalgary researchers and fits into the UCalgary clinical research system environment.</p> <p>IRISS Enhancements To upgrade the IRISS platform to utilize new technology and meet new business requirements for multi-site research.</p>	<p>Virtual Clinical Trial Platform</p> <ul style="list-style-type: none"> - Investigators using the platform - Studies using the virtual platform - % of eligible studies using the platform - Study participants being served by the platform - % of study participants from underserved populations <p>IRISS Enhancements</p> <ul style="list-style-type: none"> - Investigators choosing to use REBX - Number of changes requested by the REB - Communication captured between ethics systems - Downloads for user guides - Helpdesk queries regarding login issues or guidance for REBX 	<p>Timeline: June 2021 – March 2023</p> <p>Virtual Clinical Trial Platform</p> <ul style="list-style-type: none"> - 50% of clinical research investigators will use the virtual clinical trial platform; those investigators will use it for 80-100% of their investigator initiated clinical trials. - Increase in Industry-sponsored clinical trial activity by 5-10%. - Increase in the % of study participants from underserved populations by 10-20% <p>IRISS Enhancements</p> <ul style="list-style-type: none"> - Increase in the number of studies using REBX vs stand alone applications - Increase in communication between UCalgary and UAlberta by 50% because it is integrated as part of the system

					<ul style="list-style-type: none"> - Increase in downloads for user guides by 100% and decrease of in person demos/reviews by 50%. - Decrease in researcher complaints by 10% due to refreshing the ethics application
Dimensions and EDI capacity-building	Equity, diversity, and faculty renewal (in the context of equity, diversity, and inclusion)	\$ 339,331.00	<p>UCalgary is preparing a comprehensive institutional self-assessment, conducting gaps analyses, and developing an action plan to ensure that we:</p> <ul style="list-style-type: none"> - develop robust policies, processes, and practices related to EDI and Indigenous research - support inclusive talent identification, nomination, and selection processes - embed EDI in research design, practice, collaboration, and team building - facilitate equitable access to research funding and support. 	<p>Number of internal research support processes reviewed</p> <p>Number of processes updated</p> <p>New guidance documents and resources developed</p> <p>New website content</p> <p>Community outreach activities and events.</p>	<p>Timeline: July 2021 – June 2023</p> <p>The added capacity in EDI and Indigenous research support will lead to:</p> <ul style="list-style-type: none"> - A robust self-assessment of equity, diversity and inclusion in our institutional research processes and supports - Updated processes, practices and resources that reflect equitable and inclusive practices - New guidance documents for researchers, reviewers, and Research Services staff on inclusion of EDI and Indigenous research considerations in research activities - New website and resource content to support outreach to Indigenous communities - New Indigenous community engagement activities and events
Innovation Initiatives	Innovation and commercialization activities	\$ 733,000.00	<p>To link discovery, creativity, invention, and entrepreneurship to solve societal challenges through:</p> <ul style="list-style-type: none"> - expansion and maintenance of our technology transfer support infrastructure - support for invention and creation of start-up companies from new inventors - development and further support of the social innovation enterprise - communications support 	<p>New inventions disclosed</p> <p>New licensing agreements</p> <p>New research groups engaged in invention and commercialization activities, including event attendance and program enrolment</p> <p>New start-up companies created</p> <p>Website traffic and social media engagement</p>	<p>Timeline: April 2021 – March 2022</p> <p>To increase the number of inventions disclosed in the coming year by 30%. This, in turn, will support increased formation of start-up companies by an equal amount.</p>