

Incremental Project Grants

INSTITUTIONAL PERFORMANCE OBJECTIVES 2024-2025 report

In 2024/25, the University of Calgary will receive Incremental Project Grants funding of \$3,144,745 and has allocated the funding to the following projects:

Project Description	Priority area(s)	Allocated amount	Institutional Performance Objectives	Indicators	Targeted Outcomes
<b>Strengthening, Advancing, and Facilitating International Research Partnerships and Innovation at UCalgary</b>	<a href="#">Innovation and commercialization activities</a>	\$345,000	<p>To better support international research, attract new major international funding, and to expand global partnerships that support the advancement of research, innovation, &amp; commercialization, the International Research Partnerships and Innovation Unit (the Global Research Unit) provides strategic and operational insight that supports the overall advancement of global research &amp; innovation at UCalgary.</p> <p>The Global Research Unit brokers new global research and innovation opportunities for UCalgary. This unit acts as an interface between researchers, global granting agency representatives, industrial organizations, and the International and Research Services Offices. The unit initiates &amp; develops critical international research collaborations, application strategies, project design, and management to support innovation &amp; commercialization with international impact.</p>	<ul style="list-style-type: none"> <li>• growth in total research revenue received from international sponsors</li> <li>• # of researchers engaged in presentations and info sessions highlighting services</li> <li>• # of missions supported</li> <li>• # of international delegations to UCalgary supported</li> <li>• # of global research and innovation partnerships supported</li> <li>• # of collaborations created between UCalgary researchers &amp; international organizations</li> <li>• # of faculty members involved in global research</li> <li>• # of funded global research &amp; innovation projects</li> <li>• # of new international research outputs</li> <li>• # of patents &amp; start-up companies arising from international partnerships</li> <li>• # of international companies engaged in funding UCalgary research initiatives</li> </ul>	<p>Timeline: April 2024 – March 2027</p> <ul style="list-style-type: none"> <li>• Identification of more international funding opportunities specific to the researchers’ interest</li> <li>• Increased research revenue from international funding agencies, incl. Horizon Europe</li> <li>• Expanded innovation opportunities &amp; global research connections</li> <li>• Enhanced capacity for global partnerships &amp; knowledge transfer</li> <li>• Increased partnerships with like-minded entrepreneurial institutions pursuing research &amp; innovation in areas that align with our academic &amp; research priorities</li> <li>• Increased joint research outputs with international partners</li> <li>• Increased engagement of faculty in international research &amp; innovation collaborations</li> </ul>
<b>Grants and Contracts Research Management System (RMS)</b>	<a href="#">Information resources, including digital resources, open access and databases</a>	\$333,333	<p>The Grants and Contracts for Research Management System (RMS) project will enable teams from across campus to streamline their processes and effort to effectively manage research requests and grants process, eliminating duplication and manual entry where possible.</p>	<ul style="list-style-type: none"> <li>• Existing RMS solution is decommissioned</li> <li>• Entire project lifecycle for grants and contracts is managed through PeopleSoft solution</li> <li>• Significant increase in percentage of requirements satisfied through solution (80%+)</li> </ul>	<p>Timeline: December 2024 – November 2027</p> <ul style="list-style-type: none"> <li>• implementation of the PeopleSoft Grants and Contracts Model</li> <li>• migration of data into the new system</li> <li>• appropriate training</li> </ul>

				<ul style="list-style-type: none"> <li>• Integrations replaced with seamless module integration in PeopleSoft</li> <li>• Improved data accuracy in reporting</li> <li>• Contracts for supporting consultants terminated</li> <li>• Annual support/licensing cost savings of \$400K upon retirement of existing RMS</li> <li>• No increase in licensing costs for PeopleSoft modules</li> </ul>	<ul style="list-style-type: none"> <li>• one integrated system to manage research grants and contracts</li> </ul>
<b>Research Computing Infrastructure</b>	<a href="#">Facilities renewal, including deferred maintenance; Information resources, including digital resources, open access and databases</a>	\$166,667	<p>The Research Computing Infrastructure project will augment existing services to build our capacity to support our research community through the acquisition of computing, storage and/or personnel resources. The objectives of this project are:</p> <ul style="list-style-type: none"> <li>• Enhance local digital research infrastructure to support researchers across all disciplines in achieving their research objectives.</li> <li>• Refine the service offering catalogue to provide materials to enable researchers to better identify the appropriate resources to leverage for their needs</li> </ul>	<ul style="list-style-type: none"> <li>• # of researchers supported on research infrastructure services</li> <li>• # of disciplines supported</li> <li>• delivery of the service</li> </ul>	<p>Timeline: May 2024 – March 2027</p> <p>Outcomes from this project include:</p> <ul style="list-style-type: none"> <li>• Supporting more than 1000 researchers across the institution on digital research infrastructure</li> <li>• Support researchers across more than half of the 15 institutional facilities</li> <li>• Increased service capacity (computing, storage and/or consulting support),</li> <li>• Publish an updated research computing services catalogue in partnership with the departments of Library and Cultural Resources, Research Security and Information Technologies.</li> </ul>
<b>Research Data Management – Institutional Strategy Implementation</b>	<a href="#">Information resources, including digital resources, open access and databases</a>	\$110,000	<p>UCalgary published its <a href="#">institutional RDM strategy</a> in March 2023 and convened a formal implementation steering committee in February 2024, the mandate of which is to build a RDM culture and develop the services, training, and infrastructure needed to satisfy the Tri-Agency RDM Policy and the specific needs of University of Calgary researchers.</p>	<ul style="list-style-type: none"> <li>• new resources and tools developed to support RDM, including Indigenous data sovereignty</li> <li>• # of information sessions and workshops to promote and build capacity in RDM, including Indigenous data sovereignty</li> <li>• # of DMPs reviewed for submission to the Tri-Agency</li> <li>• convening RDM Steering Committee</li> </ul>	<p>Timeline: April 2024 – March 2027</p> <ul style="list-style-type: none"> <li>• UCalgary RDM Implementation Steering Committee work plans, briefing materials, and reports</li> <li>• convening RDM Implementation Working Groups and deliverables for each (e.g., environment scans, policy reviews, recommendations)</li> <li>• delivery of strong RDM workshops and information sessions, guided by a training</li> </ul>

				<ul style="list-style-type: none"> <li>convening 3 or more RDM working groups, developing work plans, and accomplishing key milestones.</li> </ul>	<p>plan developed in conjunction with LCR</p> <ul style="list-style-type: none"> <li>robust RDM tools, and resources</li> </ul>
<b>Knowledge Engagement and Open Science</b>	<a href="#">Innovation and commercialization activities</a>	\$560,000	<p>The Knowledge to Impact team will support pathways to impact, from partnerships with community, open science practices, and knowledge mobilization activities, to responsible and inclusive assessment of research quality and impact, which includes the development and launch of a research assessment framework.</p> <p>The unit will foster innovation by supporting a culture of creativity, collaboration, and experimentation in research and advance the adoption of open science, knowledge engagement and research impact practices by faculty, postdoctoral researchers and graduate students involved in federally funded research activities.</p> <p>Key areas of service and support include:</p> <ul style="list-style-type: none"> <li>Partnership matchmaking with community partners</li> <li>Knowledge mobilization planning and strategy</li> <li>Open Science initiative</li> <li>Responsible research assessment practices</li> <li>Rigorous planning for and assessment of research impact</li> <li>Capacity Building</li> </ul>	<ul style="list-style-type: none"> <li># of inquiries received from both internal and external parties interested in community-focused research partnerships and Open Science</li> <li># of events</li> <li># of registrants at events</li> <li># of partnerships and grants supported</li> <li># of funded projects</li> <li>research revenue</li> <li>guidance resources developed</li> <li>website data (traffic from external and internal sites, inquiries submitted) and newsletter distribution data</li> <li>description of impact indicators identified</li> <li>in future, proportion of Faculties judged to be following DORA-relevant best practices</li> </ul>	<p>Timeline: April 2023 – March 2026</p> <p>Successful implementation will enhance UCalgary's contribution to the global scholarly enterprise while enhancing UCalgary's ability to equitably recognize and reward the contributions of individual researchers.</p> <p>Providing dedicated staff focused on Knowledge to Impact will lead to an improved research culture, and efficient and effective management of innovation and research impact activities:</p> <ul style="list-style-type: none"> <li>increased engagement of faculty with community partners</li> <li>increased focus on the planning and communication of research activities to enhance research impact</li> <li>long-term partnerships with community</li> <li>increased research revenue</li> <li>new employment opportunities for students working on partnered projects</li> <li>Improved mechanism for reporting research impact.</li> </ul>
<b>Industry Engagement (Research) Office</b>	<a href="#">Innovation and commercialization activities</a>	\$400,000	<p>The primary purpose of the Industry Engagement (Research, IER) unit is to initiate new sponsored research projects between companies and research teams through:</p> <ul style="list-style-type: none"> <li>Operations (connecting with companies at networking events and conferences)</li> <li>Coordination (support UCalgary researchers and include delivering presentations on how to engage companies, facilitating industry grants and finding opportunities for faculty members)</li> <li>Strategic planning (identifying key institutional industry partners,</li> </ul>	<ul style="list-style-type: none"> <li># of companies engaged</li> <li>Proportion of these companies that are discussing projects with researchers</li> <li># of institutional agreements facilitated</li> <li># of letters of support provided to companies</li> <li># of invited internal and external presentations</li> <li>Value of grants applied for or agreements finalized</li> </ul>	<p>Timeline: April 2022 – March 2025</p> <p>The anticipated overall impacts of this three-year project are that UCalgary is viewed as welcoming to companies that want to conduct research projects and that UCalgary can successfully partner with industry to co-create research-based solutions to real-world problems.</p> <p>In Year 3, IER expects to:</p> <ul style="list-style-type: none"> <li>Advance more companies from first introductions to engaged, funded research projects</li> </ul>

			cultivating relationships and facilitating partnership agreements between these partners and UCalgary)		<ul style="list-style-type: none"> <li>Finalize and distribute tools to empower faculty members to connect with companies</li> <li>Evaluate each activity undertaken to advance industry engagement to date.</li> </ul>
<b>EDIA in Research</b>	<a href="#">Equity, diversity and faculty renewal (In the content of equity, diversity and inclusion)</a>	\$320,000	<p>We aim to implement best practices to expand and sustain the participation in the research ecosystem of individuals from equity-deserving groups including, but not limited to: women, Indigenous Peoples, persons with disabilities, racialized persons, and members of LGBTQ2S+ communities. Positive support structures and services will be implemented for our research community.</p>	<ul style="list-style-type: none"> <li># of consultations on EDIA in research projects</li> <li># of internal research support processes reviewed and updated</li> <li>educational or guidance resources developed</li> <li># of workshops and information sessions delivered</li> <li>registrations and attendance at workshops and information sessions</li> <li>website traffic</li> </ul>	<p>Timeline: April 2023 – March 2026</p> <ul style="list-style-type: none"> <li>Implementation of action plans to address barriers and gaps in equity, diversity and inclusion in our institutional research processes and supports</li> <li>Updated processes, practices and resources that reflect equitable and inclusivity</li> <li>New guidance documents on equity, diversity, inclusion and accessibility in research design and practice</li> <li>Enhanced understanding of equitable and inclusive approaches to research design and research practice</li> </ul>
<b>UCalgary’s Gateway Innovation Initiative</b>	<a href="#">Innovation and commercialization activities</a>	\$489,745	<p>Innovation@UCalgary is the ecosystem that supports innovation activities at UCalgary, bridging the transition from discovery to delivering solutions for society’s most pressing challenges. UCalgary is actively seeking to scale engagement in early-stage innovation and commercialization activities.</p> <ul style="list-style-type: none"> <li>Narratives of innovation success, learnings from failure and real-world impact</li> <li>New Technology Commercialization Advisor (scout and ecosystem guide)</li> <li>Unlocking bottlenecks to scaling commercialization activities</li> <li>Build capacity for innovation with social impact</li> <li>Increase access to assets and services that support investor-readiness</li> </ul> <p>These “top-of-the-funnel” programs and resources ultimately fuel outcomes by</p>	<ul style="list-style-type: none"> <li># of events and content</li> <li># of applied research partnerships supported</li> <li># of invention disclosures</li> <li># of new patents filed</li> <li># of new revenue bearing agreements</li> <li># of new companies formed</li> <li># of new companies with external investment</li> <li># of companies and individuals participating in social innovation activities</li> <li># of academics accessing social innovation ecosystem supports</li> <li>\$ of VC investment in UCalgary affiliated startups</li> <li>\$ of new jobs created in UCalgary affiliated start-ups</li> <li>\$ of income in UCalgary affiliated start-ups</li> </ul>	<p>Timeline: April 2024 – March 2027</p> <ul style="list-style-type: none"> <li>Increase innovation-based content creation and innovation program awareness by 500% by the end March 2027.</li> <li>Provide innovation training and mentorship to 150+ new research teams by the end March 2027.</li> <li>Increase invention disclosures by 200% by the end of March 2027.</li> <li>Increase number of active technology-based startups by 200% by the end of March 2027.</li> <li>Increase number of researchers moving their research with social impact into practical application by 200% by March 2027.</li> </ul>

			encouraging individuals to explore their creativity, take risks, and collaborate across disciplines.		<ul style="list-style-type: none"> <li>• Increase the number of VC-funded startups by 200% by the end of March 2027.</li> </ul>
<b>Supporting Indigenous Research</b>	<a href="#"><i>Equity, diversity and faculty renewal (In the content of equity, diversity and inclusion)</i></a>	\$420,000	<p>To identify and strengthen existing research resources for Indigenous communities and organizations, university researchers, and other partners to promote collaborative, reciprocal, and culturally responsive Indigenous research.</p> <p>The expectations of both funders and the campus research community in terms of competency in Indigenous research have led to a high demand for Indigenous research specialists to provide support to researchers as well as the institution's research administration staff and leadership.</p> <p>Projected impacts:</p> <ul style="list-style-type: none"> <li>• Building capacity for the UCalgary research community around Indigenous research.</li> <li>• Supporting Indigenous Peoples, communities, networks and organizations through value-driven research partnerships.</li> </ul>	<p>Performance indicators:</p> <ul style="list-style-type: none"> <li>• # of Indigenous researchers engaged and supported by the team</li> <li>• # of community organizations engaged</li> <li>• # of community engagement events</li> <li>• # of Indigenous research ethics applications processed</li> <li>• new guidance documents and resources developed</li> </ul>	<p>Timeline: April 2023 – March 2026</p> <ul style="list-style-type: none"> <li>• Efficient, effective and supportive management and administration of Indigenous research activities</li> <li>• New guidance documents for researchers, reviewers, and Research Services staff on respectful processes for Indigenous research</li> <li>• Updated website and resource content to support outreach to Indigenous communities</li> <li>• New Indigenous community engagement activities and events</li> </ul>