

Incremental Project Grants

INSTITUTIONAL PERFORMANCE OBJECTIVES 2022-2023

In 2022/23, the University of Calgary will receive Incremental Project Grants funding of \$ 2,792,117 and has allocated the funding to the following projects:

| Project Description | Priority area(s) | Allocated Amount | Institutional Performance Objectives | Indicators | Targeted Outcomes |
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| Clinical Trial Training Program and System Change Management System | Facilities renewal, including deferred maintenance | \$ 80,000.00 | <p>System Change Management Support To standardize processes across multiple institutional and provincial systems and to coordinate clinical research workflows that utilize the automations and functions the new research platforms and integrations offer</p> <p>Clinical Trial Training Program Once implemented, will lead to an increase in the number of:</p> <ul style="list-style-type: none"> - investigators involved in clinical trials - clinical trials being initiated - clinical trial opportunities offered - industry funding received | <p>Percentage completion of individual systems process maps and Best Practice multisystem process maps</p> <p>Number of Change Management workshops held and number of users who participated</p> <p>Uptake - % of investigators and research staff offered the training program who utilize the program</p> <p>Completion - # of investigators and research staff who complete the on-demand training program</p> <p>Feedback – Investigatory and research staff rating of the training resources</p> | <p>Timeline: April 2022 – March 2023</p> <p>Efficiency of Administration</p> <p>Improved compliance & safety, patient recruitment, financial management, central research oversight, and reporting</p> <p>Research growth in clinical trials</p> <p>Care advances for the Calgary community</p> <p>Growth of UCalgary’s reputation as a key clinical trials destination in Canada</p> |
| Industry Engagement Office | Innovation and commercialization activities | \$ 350,000.00 | <p>Established to complete a review of UCalgary’s engagement with industry and all portfolios and to identify gaps in current processes and areas in which to improve upon.</p> <p>The industry engagement team will be responsible for coordinating, maintaining, and implementing operations and strategy of effective University-wide partnerships affecting the research portfolio</p> | <p>An increase in industry-sponsored research revenue and an increase in the number of:</p> <ul style="list-style-type: none"> - active research and innovation partnerships with industry - patents and licenses - start-up companies and/or investments in UCalgary start-up companies | <p>Timeline: April 2022 – March 2025</p> <p>Enhanced reputation of UCalgary as a trusted partner of choice among corporations and industry groups</p> <p>Increased research revenue and number of active research partnerships that have transformative potential and impact</p> <p>Improved delivery of services and outcomes</p> <p>Coordinated approach to the University Industry relations protocols and practices</p> |

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| | | | | | Improved satisfaction for industry partners when navigating research partnerships with UCalgary |
| Innovation Initiatives | Innovation and commercialization activities | \$ 480,786.00 | <p>Two synergistic programs and vehicles have been developed to support the invention and creation of start-up companies from new inventors:</p> <p>Evolve to Innovation program (E2I) - creates a new pathway for researchers to translate successful research outcomes into practical solutions</p> <p>Academic Entrepreneurs in Residence program (AEIR) - supports the transition from discovery through inventions towards innovation</p> <p>The Social Innovation Initiative (SII) was launched in 2021 and builds capacity for academic social innovators and community partners to efficiently co-design sustainable solutions to complex social problems</p> | <p>New research groups engaged in invention and commercialization activities and social innovation</p> <p>New inventions disclosed</p> <p>New licensing agreements</p> <p>New start-up companies</p> <p>New projects disclosed</p> <p>% of projects that move one phase along the innovation pipeline</p> | <p>Timeline: April 2022 – March 2023</p> <p>By providing enhanced support, increases in research group engagements with the innovation ecosystem are expected (30% this year and 100% over 5 years). This, in turn, will support increased solutions development and creation of start-up companies and jobs.</p> <p>20% increase in community-university engagement</p> <p>10% increase in engagement agreements</p> <p>% of projects that move one phase along the innovation pipeline</p> |
| Indigenous Research Support Team (IRST) | Equity, diversity, and faculty renewal (in the context of equity, diversity, and inclusion) | \$ 316,000.00 | <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) | \$ 110,000.00 | 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>Educational resources developed</p> <p>Workshops and information sessions delivered</p> <p>Researchers surveyed and number interviewed</p> <p>Attendance of capacity building workshops and sessions by applicants and research administrators</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> |

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| | | | 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. | | |
| 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 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.</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 - partnerships supported - funded projects - research revenue - guidance resources developed - website data (traffic, inquiries submitted) | <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> <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 | \$ 410,000.00 | <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>Institutional RDM strategy published before March 1, 2023</p> <p>New resources and tools developed to support RDM</p> <p>Number of:</p> <ul style="list-style-type: none"> - researchers accessing the HPC and RDM resources - information sessions and workshops to promote and build capacity in RDM - number of DMPs reviewed for submission to the Tri-Agency | <p>Timeline: April 2021 – March 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> |

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| International Research Partnerships & Innovation Unit | Innovation and commercialization activities | \$ 195,000.00 | <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 leverage our expertise and entrepreneurial mindset to increase international collaborations and expand opportunities for knowledge transfer for global impact.</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 - new international research outputs - patents and start-up companies arising from international partnerships | <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>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> |
| Research Impact Assessment (DORA) | Information resources, including digital resources, open access and databases | \$ 200,000.00 | <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 | <p>Number of:</p> <ul style="list-style-type: none"> - events and event attendees - resources and tools created - campus and external stakeholders engaged | <p>Timeline: July 2021 – June 2024</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> |

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| | | | <ul style="list-style-type: none"> - developing tools that help faculty members to capture and summarize their scholarly impact | | |
| Dimensions, EDI and Indigenous Research Capacity-building | Equity, diversity, and faculty renewal (in the context of equity, diversity, and inclusion) | \$ 350,331.00 | <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 |