Progress on UCalgary IPG Project Objectives – 2023/24 report　　　　　　　　　　　　　　　**Total IPG award: $3,053,845**

Project name	Objective(s)	Allocated amount	Progress
High Performance Computing and Research Data Management Priority area: Facilities renewal, including deferred maintenance	1) Increase research capacity through greater access to shared infrastructure across UCalgary, including HPC infrastructure. 2) Develop the OpenStack software platform to support deployment of virtual machines for researchers. 3) Implement the UCalgary Research Data Management strategy, including convening an Indigenous data sovereignty working group.	$410,000	1. High Performance Computing objective #1 has been met. The IPG funding was used for the purchase of HPC servers, storage and network equipment. 2. The OpenStack Software platform objective has been met. The investment was used to develop the CloudStack system, supporting automated provision of VMs to support researchers in accessing infrastructure and completing their research more quickly. 3. Implementing the UCalgary RDM Strategy 　a. The UCalgary Research Data Management Strategy Implementation Steering Committee (RDM Steering Committee) was convened on February 28 2024, and held one additional meeting in this reporting period, on March 28, 2024. Since then, the committee has met twice and established three working groups (Policies & Procedures, Sensitive Data, and Indigenous Data Sovereignty). 　b. The RDM Steering Committee has broad representation of senior University leaders across academic and business units, including the Provost's Office, Vice-President (Research) Office, Research Services, IT, Libraries and Cultural Resources, Faculty of Graduate Studies, REB Chairs, and multiple Faculty Associate Deans (Research), as well as postdoctoral and graduate student representatives. 　c. During this period, the RDM Specialist supported the establishment of the RDM Steering Committee and its initial work, delivered 10 workshops or information sessions in collaboration with the RDM Librarian, and reviewed data management plans (DMPs) for

			applications to Tri-Agency programs piloting a DMP requirement.

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International Research Partnerships & Innovation Priority area: Innovation and commercialization activities	1. Provides strategic and operational insight that supports the overall advancement of global research and innovation at UCalgary to better support international research, attract new international funding, and expand global partnerships that support the advancement of research, innovation, and commercialization. 2. Through our existing research priorities and our focus on matching our research strengths with opportunities, we will increase international collaborations and expand opportunities for knowledge transfer for global impact.	$195,000	We continued a comprehensive awareness campaign, ensuring that our faculty members and stakeholders remain well-informed about global opportunities relevant to their areas of expertise. Our cross-campus roadshow made 12 stops to spread the word on our services and connected with over 200 UCalgary researchers interested in exploring international research. We held consultations with 55 individual researchers to determine how we could support and grow their international collaborations. We developed Version 2 of our IFARM tool to find international funding opportunities for UCalgary researchers, sharing 290 grant calls with our researchers that aligned with their research interests. We also integrated our Researcher Database with the VPRO's database, furthering our ability to connect UCalgary researchers with opportunities. Our external engagement activities have involved leveraging the extensive network of Canadian embassies and the diplomatic community to forge new research partnerships with strategically important nations. We supported the development of the Strategic Alliance with Curtin University in Australia and the University of Aberdeen in Scotland, connecting researchers in more than 50 different research areas. We assisted multiple missions and delegations to advance research collaborations and innovation. We became the focal point at UCalgary for participation in Horizon Europe, after Canada officially joined in December 2023.

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Research Impact Assessment (DORA) Priority area: Information resources, including digital resources, open access and databases	1. External scan/internal review of research assessment practices. 2. Develop resources to promote & enable uptake of best practices in research assessment. 3. Develop tools to communicate research impact.	$200,000	Number of: - events and event attendees • Facilitated 13 workshops with faculty groups, with 262 attendees, and 9 other internal workshops, presentations and events with 131 attendees; some workshops were co-designed and delivered with Libraries and Cultural Resources or the EDI in Research team. • Delivered two presentations at national conferences and two other external presentations with 205 total attendees. • Proposed, co-led and co-delivered a national webinar on "inclusive and responsible research assessment practices" with 255 registrants and 156 attendees. • Organized and delivered one "Navigating DORA" webinar with external speaker, 181 registrants and 88 attendees. - resources and tools created • Developed a guide for researchers on writing a Most Significant Contributions statement that better demonstrates diverse forms of scholarship and activity and encourages both quantitative and qualitative evidence of quality and impact. • Provided feedback and support to the Provost Office, HR, and Faculties in implementing DORA in internal processes and training, including draft Academic Staff Criteria & Processes, Academic Selection Toolkit and GFC Academic Staff Criteria and Processes Handbook, July 2023 version. - campus and external stakeholders engaged • Engaged in 8 internal consultations and 19 external consultations. External consultations included with DORA leads at federal funding agencies, and research impact specialists from Canadian and international universities.

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Clinical Trial Training Platform and System Change Management Support Priority area: Facilities renewal, including deferred maintenance	1. To create an online, modular clinical trial training program for new clinical trial investigators and clinical trial support staff. 2. To create an electronic reference guide on clinical trial regulatory requirements, processes and resources for clinical trial investigators and clinical trial support staff.	$80,000	Clinical trial training modules, supporting University of Calgary systems, processes, and integrations, have been developed in D2L and a SharePoint Job Aids library was created. During the 23/24 reporting period, 81 learners completed online training in D2L and there were 287 views of the Job Aid Library. An electronic reference guide on clinical trial regulatory requirements, processes and resources for clinical trial investigators and clinical trial support staff was completed. The guide received excellent reviews from clinical trial investigators and clinical trial support staff.

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Project name	Objective(s)	Allocated amount	Progress
Industry Engagement (Research, IER) Office Priority area: Innovation and commercialization activities	1. Coordinate University-wide research partnerships with companies. 2. Review industry engagement activities and identify gaps for improvement.	$350,000	Since inception the IER office has engaged more than 250 companies, with about 25% of those companies having in-depth conversations with faculty members about sponsored research projects. IER has facilitated four institutional, corporate research partnerships, with several more anticipated in the coming year. Coordinated by IER, the VP(Research) has provided several letters of support to companies applying for grants. One alumni-founded company who is partnered with UCalgary successfully received $3M from Emissions Reduction Alberta to fund a $6M agrivoltaics research facility at W.A. Ranches (announced at COP28 in Dubai in November 2023). In June 2023, IER took four UCalgary research units to BIO 2023 and represented many more. Over 200 new contacts were made and UCalgary research teams in health and life sciences are now working together closely to seek opportunities and cross-promote how our expertise can advance companies.

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Innovation Initiatives Priority area: Innovation and commercialization activities	1. To increase researcher engagements with the innovation ecosystem by 30% this year and by 100% over 3 years. 2. Build capacity for academic social innovators and community partners to co-design sustainable solutions to complex social problems.	$603,845	Innovation and commercialization activities collectively supported the following outcomes during the reporting period: • # of **new** research teams engaged in commercialization activities: 72 • # of researchers that completed innovation/commercialization training: 124 • # of invention disclosures: 112 • # of new patents filed: 20 • # of new revenue bearing agreements: 20 • # of new companies formed: 31 • # of successful applications into Canadian technology accelerator programs: 4 Implementation of social innovation service model. Service provides coaching for researchers seeking to mobilize their knowledge and wanting to explore various paths (enterprise creation, co-creation with community, licensing/commercialization) to inform their next step. 6 early-stage social innovation teams advancing research into viable and sustainable applications/enterprise. Convened 70+ individuals within the social innovation community, practitioners, academics, and international experts to discuss impact measurement framework, tools, and best practice. Community Integration project: exploration of new ways of achieving community integration to shape community serving programs. Advocacy project: exploration of story-telling methodologies to advocate for equitable access to resources and supports for those living with disabilities. Outcome: Publication: Defining Social Innovation for Post-Secondary

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Supporting Indigenous Research Priority area: Equity, diversity, and faculty renewal (In the content of equity, diversity and inclusion)	1. To strengthen and identify existing resources for Indigenous communities, university researchers, and further partners to promote collaborative, reciprocal, and culturally responsive research.	$470,000.00	In 2023-2024, the Indigenous Research Support Team (IRST) made significant strides in strengthening and identifying resources for Indigenous communities, university researchers, and partners. Through more than 34 diverse Indigenous research capacity-building programs, including workshops on Indigenous ethics, data sovereignty, and community engagement, IRST supported over 1,443 participants. The team also facilitated 174 direct consultations and played a key role in advancing institutional understanding of Indigenous research protocols. Special projects included developing Indigenous research resources, collaborating on an asynchronous D2L course on research ethics, piloting parallel ceremonial ethics review processes, and collaborating on national initiatives that promote culturally responsive research practices.

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Project name	Objective(s)	Allocated amount	Progress
EDIA in Research Priority area: Equity, diversity, and faculty renewal (in the context of EDI)	Dedicated EDIA staff: 1. develop guidance for researchers addressing funding agency requirements. 2. strengthen research-related EDIA frameworks; and 3. align activities to institutional EDIA action plans.	$360,000	This year brought increased and diversified team capacity through a newly added role, to offer consultations to researchers and administrators (staff and leadership) to develop effective, evidence-informed EDI action plans for specific funding competitions and to address the UCalgary CRC-EDI Action Plan objectives. Over 200 members of the campus community were reached across 9 workshops offered throughout the year, and 80+ consultations were offered to researchers, faculties, and colleagues. EDIA principles underscored the practices and processes by the team in their advising and engagement with members of the UCalgary research community. The team continued to align its scope and approach to institutional EDIA commitments in the research ecosystem, including the CRC-EDI Action Plan, the Dimensions EDI Action Plan, and the EDI Plan for Research and Teaching Awards. The team was also actively involved in the Research and Scholarship working group of Presidential Task Force on EDIA, which was tasked with developing recommended strategic priorities and actions to the task force for addressing barriers in the research ecosystem within the forthcoming institutional EDIA strategy and action plan.

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Project name	Objective(s)	Allocated amount	Progress
Knowledge Engagement and Open Science Priority area: Innovation and commercialization activities	1. build awareness & capacity in open science & knowledge engagement. 2. facilitate development of partnerships for research. 3. provide robust support for knowledge engagement & open science initiatives.	$385,000	Number of: - inquiries received from both internal and external parties interested in Open Science and community-focused research partnerships; partnerships supported • Provided matchmaking and collaboration support, with requests from 21 community partners and 4 UCalgary researchers. • Held 34 consults on knowledge engagement activities. • Held meetings on open science with 19 internal and 7 external parties. - events and registrants at events • Organized 10-part "Navigating Partnered Research" webinar series. • Delivered 10 workshops with 570 registrants, including first four of 10 Navigating Partnered Research sessions. • Hosted monthly Knowledge Engagement Community of Practice. • 59 unique UCalgary members participated in Community-Based Research Canada (CBRCanada) webinars and community of practice. • 5 Nominations of UCalgary scholars for CBRCanada Awards. - funded projects; research revenue • In 2022-23, the group provided partnership and knowledge mobilization support to 38 funding applications resulting in $12.5M in grant revenue from successful applications. - guidance resources developed

			• Knowledge Engagement Impact Assessment Toolkit downloaded 110 times in FY 2023-2024. • In collaboration with Research Impact Canada and UQAM, KE Toolkit translated into French. - website data (traffic, inquiries submitted) • 363 sign-ups for KE Newsletter, newsletter opened 1847 times. • Knowledge Engagement homepage visited 1527 times. • KE Impact Assessment Toolkit page visited 1980 times.