

DATA-24 – CCS Data Transformation Grants – Evaluation Criteria

Scientific Merit – Review Criteria

Proposal and Approach

- Rationale and evidence for the proposed project/approach is thorough, balanced, and compelling, and the proposal considers critical review and analysis of the Canadian cancer data landscape, preliminary data and/or published literature
 - Aims are clearly articulated, well-conceived
 - Approach and methods are well-described and feasible (and ideally creative, innovative and/or novel).
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- Feasibility of the project is well-articulated, including identification of potential problems and how they will be addressed, including risk mitigation and alternative approaches
 - Access to necessary data is demonstrated (e.g., letter of permissions or proven track record working with the data) or novel approach to addressing data access concerns is being evaluated with key milestones for access High likelihood that anticipated outcomes will be realized – i.e., key milestones, timelines and budget are clearly articulated in the proposal and realistic
 - Term and amount of support requested are appropriate (i.e., budget requests for patient and participant-related expenses are reasonable and in line with CCS remuneration policy, trainee budgets are in line with CCS policy)
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- **Sex, gender, and other dimensions of diversity and determinants of health** (e.g., race, ethnicity, education, economic status) and their intersectionalities are appropriately addressed in the design, methods, analysis, interpretation, and dissemination/implementation of findings/outcomes
 - The Public Summary is written in non-technical language and clearly describes the aim of the project and alignment with the priorities of the pan-Canadian Cancer data strategy, methodology, relevance and potential impact of the proposed project, methods and approach and the process for engaging patient, caregivers, end-users and other stakeholders in design, implementation and results dissemination

Team and Environment

- Qualifications and expertise of the investigator(s) and other team members (including collaborators) are appropriate, particularly as it relates to the potential for resolution of the identified data issue and/or priority
 - Meaningful involvement has been demonstrated with all members of the project team in the development of the proposal (described in the Terms of Reference). This ideally includes people affected by or at risk of cancer as well as end-users.
 - There is evidence that patients/caregivers and end-users have been and will be engaged throughout the life of the project. There is appropriate representation of patients/caregivers on the project team – or a description of how deficits will be addressed.
 - The Terms of Reference appropriately describe how the team will operate and make decisions
 - Accessibility, equity, diversity and inclusion principles are evident in team composition, recruitment processes, and training, mentorship and development opportunities
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- The applicant(s) and team have (or have a plan to secure) the necessary resources, collaboration, and expertise to complete the work, including alternative strategies
 - The environment(s) where the project will take place is/are appropriate (is there appropriate equipment, available to support success, taking into consideration contributions of collaborators as required)
 - Training and mentorship are valued and articulated as an integral part of the project plan



Relevance & Potential Impact – Review Criteria

- The potential impact (short and long-term) of the proposed project on cancer data in Canada is clearly described, compellingly relevant to cancer and timely
- The project is poised to facilitate next steps towards enhancing data collection, integration and use leading to improved cancer care and outcomes for all people in Canada
- The proposal clearly aligns with priorities of the pan-Canadian Cancer Data strategy and appropriate steps to address the issue(s), both during and post-grant are well articulated
- The project, if successful, will demonstrate an approach/solution to bring more value to existing data
- The project demonstrates alignment with the priorities outlined in the [pan-Canadian Cancer Data Strategy](#)
- Potential impact of the project by generating outcomes that will (ultimately) be meaningful to people affected by or at risk of cancer/patients
- The knowledge translation and mobilization plan is well described, integrated into the proposed project, involves relevant stakeholders at the outset (including end users of cancer data in Canada and patient representatives, as relevant) to ensure utility of the proposed solution. Public and/or patient engagement strategies are encouraged. Equitable access to results are considered (where relevant)