***2018/2019 CCO* *CALL FOR RESEARCH PROPOSALS***

**ANALYTICS & INFORMATICS’ Application Form**

**Submission Deadline:** Monday, January 22, 2018 at 11:59 pm (EST)

**Submission Process:** Please submit the completed application form and appended documents to the

CCO Research Office ([research@cancercare.on.ca](mailto:research@cancercare.on.ca)). If you have questions about the form and/or application process, please contact the [CCO Research Office](mailto:research@cancercare.on.ca).

**Project Title:**

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**Total Budget Requested (maximum of $60,000):**

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**Project Term (Indicate # to a maximum of 12 months; project start date is April 1, 2018):**

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| --- |
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**Project Lead/Principal Investigator:**

|  |  |
| --- | --- |
| Name (surname, first name) |  |
| Title |  |
| Host Institution |  |
| CCO position/title (if applicable) |  |
| City & Province |  |
| Telephone |  |
| Email |  |
|  | |
| Signature |  |
| Date |  |

Please include CV in an appendix (2-page CV maximum).

The Project Leader/Principal Investigator is responsible for the administrative and financial responsibilities of the project.

**Co-Project Lead/Co-Principal Investigator:**

|  |  |
| --- | --- |
| Name (surname, first name) |  |
| Title |  |
| Host Institution |  |
| CCO position/title (if applicable) |  |
| City & Province |  |
| Telephone |  |
| Email |  |
|  | |
| Signature |  |
| Date |  |

Please include CV in an appendix (2-page CV maximum).

**Co-Investigator:**

|  |  |
| --- | --- |
| Name (surname, first name) |  |
| Title |  |
| Host Institution |  |
| CCO position/title (if applicable) |  |
| City & Province |  |
| Telephone |  |
| Email |  |
|  | |
| Signature |  |
| Date |  |

Please include CV in an appendix (2-page CV maximum).

**Co-Investigator:**

|  |  |
| --- | --- |
| Name (surname, first name) |  |
| Title |  |
| Host Institution |  |
| CCO position/title (if applicable) |  |
| City & Province |  |
| Telephone |  |
| Email |  |
|  | |
| Signature |  |
| Date |  |

Please include CV in an appendix (2-page CV maximum).

**Co-Investigator:**

|  |  |
| --- | --- |
| Name (surname, first name) |  |
| Title |  |
| Host Institution |  |
| CCO position/title (if applicable) |  |
| City & Province |  |
| Telephone |  |
| Email |  |
|  | |
| Signature |  |
| Date |  |

Please include CV in an appendix (2-page CV maximum).

If there are additional Co-Investigators, please copy this page and append to the back of page 2.

***CCO RESEARCH STRATEGY* THEMES (please choose at least one):**

Population Health Health Services Delivery Value Best Evidence

□ Prevention □ Person-centred Care □ Efficiency Determination □ Dissemination

□ Screening □ Integrated Health Services Delivery □ Economic Evaluation □ Implementation

For additional information about these themes, please see the *CCO Call for Research Proposals* announcement.

**ANALYTICS & INFORMATICS’ PRIORITY TOPICS (please choose at least one):**

* Evaluation of outcomes (e.g. clinical, health services or costs) related to eCTAS implementation in the province of Ontario;
* Evaluation of outcomes (e.g. clinical, health services or costs) related to wait times in the province of Ontario;
* Evaluation of the etiology and factors influencing the risk of cancer in Ontario, especially for high mortality or difficult to treat cancers;
* Evaluation of the etiology and factors influencing the risk of renal disease in Ontario;
* Understanding the role of multiple primary cancers on outcomes (e.g. survival, health services and costs) in the province of Ontario;
* Systematic review of methodological choices, analytical plans, operations research techniques and model development practices around capacity planning in the province of Ontario;
* Assessment of CCO population-based health research in informing or influencing provincial policy and practice;
* Understanding the economic impact of waiting in Quality Adjusted Life Years for long wait cases;
* Understanding how machine learning methods can be used to extract clinical and process features from administrative data, including but not limited to clinical cohorts, care pathways, disease severity, provider/patient networks, and clinical outcomes; and,
* Other priority research areas as identified by Analytics & Informatics across the province of Ontario.

**SECTION A: SUMMARY OF PROJECT**

In a maximum of *500 words*, provide a brief summary of the proposed research including objective, methods, and deliverables expected at the end of the project.

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**SECTION B: RESEARCH PROPOSAL**

In a maximum of *two (2) pages*,including background, objective and methods, outline the research design to be conducted. A separate appendix containing references, figures, tables and/or papers is permitted; it is excluded from the 2-page limit.

**SECTION C: BENEFITS TO CANCER PATIENTS, THE CANCER SYSTEM AND CCO**

In a maximum of *one (1) page*, indicate how the results of the project will benefit patients, the cancer system and CCO. If applicable, also indicate how the project supports a patient-centred approach (including involvement of patients, family members and/or caregivers in the design, implementation and evaluation of the project).

**SECTION D: BUDGET**

Please provide a detailed budget for your proposal including personnel salary support, operating costs and other expenses. Insert additional rows and expense categories as needed. As per CCO policy, ineligible expenses include indirect costs (e.g. rent, utilities, building & equipment insurance, office furniture, etc. which are assumed by the Host Institution), investigator salaries and benefits, publication fees (given one-year duration of these projects) and membership dues/professional fees. The maximum grant amount per project is $60,000.A maximum budget of $1,500 is allowed for conferences.

|  |  |  |
| --- | --- | --- |
| **Budget Expense** | **Year 1** | **Budget Justification** |
| *Personnel****\**** | | |
| Research Staff (salaries & benefits); name if known and position |  |  |
| Trainee Stipends |  |  |
| External Research Services |  |  |
| Honorarium (study participants) |  |  |
| *Operating Costs* | | |
| Supplies & Photocopying |  |  |
| CCO Data Disclosure/Access costs for Ontario Cancer Registry data requests |  |  |
| Patient Contact for Ontario Cancer Registry requests |  |  |
| Telephone and Long Distance Charges |  |  |
| Project Travel |  |  |
| Equipment, IT and Software |  |  |
| Databases |  |  |
| Purchased Services |  |  |
| *Knowledge Translation & Exchange Activities* | | |
| Presentations, workshops & meetings |  |  |
| Conferences ($1,500 maximum) |  |  |
| *Additional Expenses* | | |
| Other |  |  |
| **TOTAL BUDGET** | **$** | **-** |

|  |  |  |
| --- | --- | --- |
| **Partnership/Leveraged/In-Kind Contributions** | **Year 1** | **Name of Partner/Other Funder** |
| *Detail contribution(s) & amount of contribution(s)* | | |
|  |  |  |

**\*** If the budget includes any “*Personnel Expense”* for database analyst time/support, has the Principal Investigator been in contact with CCO Analytics?

□ Yes

□ No (if no - please contact [Nicole Mittmann](mailto:nicole.mittmann@cancercare.on.ca), CCO Chief Research Officer prior to submitting this application)

**SECTION E: Research Accounting & HOST INSTITUTION**

Name of Host Institution where awarded funding will be held:

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| --- | --- |
| Host Institution |  |

Name and Email of Signing Authority at Host Institution (Director, Dean or VP):

|  |  |
| --- | --- |
| Name (surname, first name) |  |
| Title |  |
| Email |  |
|  | |
| Signature |  |
| Date |  |

Name and Email of Host Institution Financial Officer:

|  |  |
| --- | --- |
| Name (surname, first name) |  |
| Title |  |
| Email |  |