



If you haven't done so already please complete Step 1 – the [online portion of your application](#).

In no more than 5 pages –This is a REQUIRED limit. Proposals that exceed this will NOT be considered.

Please address the following using the section titles:

A. Problem Statement: Start with a clear problem that affects patient outcomes, why existing standards are not sufficient and how your project anticipates changing cancer care.

1. What problem does the project address?
2. What will be the impact of the work?
3. What is your hypothesis/objective?
4. Describe why this problem has not been solved previously and briefly mention relevant work that has been done.

Note: *Your project is likely to receive a more favorable review if the problem you are solving is clearly important, the methodology promising, and it is clear you know what others have done and how your approach will produce substantially better results.*

B. Preliminary Evidence: Present any key findings from pilot studies or preliminary analyses that demonstrate feasibility of your approach.

C. Dataset or AI Description:

Statement: Is this Data Open/Publicly available? (yes or no)

AI/ Approach Details: Describe how your AI or computational model adds value beyond current approaches. Address: (1) specific advantages over existing methods, (2) scalability, (3) validation strategy, 4) approximate costs, and 5) feasibility of implementation in real-world settings. It is important to have [sufficient \(validated\) data for your proposed work. Please provide details.](#) **Proposals that do not answer the above questions will not be considered for funding.**

Note: Letters of Support must accompany proposals utilizing data outside of their institution.

D. Statement of innovation: What innovation will the ICI funds enable? Briefly describe the existing standard and how your project anticipates changing cancer care.

E. Translation Statement: What is the clinical decision that this project will facilitate? Specifics will be beneficial to the evaluation.

1) Identify your clinical investigator. All projects are strongly encouraged to include a clinical investigator on the team to support project translation. While a Co-PI position is ideal, you may list them as an additional member of your team. *Attach their bio at the end of the next section.*

2) Outline concrete steps for clinical implementation - details of the path, challenges, solutions and timing. Include an estimated time to clinical impact in years. Indicate whether a clinical trial will be needed to translate to clinical use.

F. Data sharing statement:

The ICI fund is committed to data sharing and the reuse of tools in a secure and accessible environment. Data or other tools generated from a funded project should be submitted to one or more repositories, commons or other platforms for sharing to support the research community and to help advance cancer discoveries. Please provide a statement to explain how the data or tools resulting from your work will be shared. Please be specific about what you will share, how you will share it and your timeline for doing so.

G. Project Description: Provide a brief summary of how the project will be accomplished. It is beneficial to acknowledge potential pitfalls/challenges and how you will overcome them.

1. Specific Aims:

List the project objectives and rationale and concisely describe the specific goals of the research, including any hypotheses to be tested. For each aim, describe the research design and methodology that will be used. Include the means by which data will be collected, processed, analyzed, and interpreted. Describe any new methodology and its advantage over existing techniques. Discuss the potential difficulties and limitations of the proposed procedures and alternative approaches to achieve the project's aims.

2. Mid-Grant Milestones:

Two-year grant applications should include mid-grant milestones (approximately 12 months) for the purpose of evaluating progress towards overall project goals. These milestones must be achieved in order to qualify for the second year of funding. **The milestones should be highlighted in the timetable below.**

3. Timetable:

Provide a timetable for the project using the following format as a guide:

Proposal Timeline:

	2025				2026			
	Jan-Mar	Apr-Jun	Jul-Aug	Sep-Dec	Jan-Mar	Apr-Jun	Jul-Aug	Sep-Dec
Mortality prediction integration into EHR	█							
Large language model selection and integration into EHR	█							
Set up email infrastructure	█							
Obtain IRB approval	█	█						
Quality assurance testing of LLM and trial infrastructure	█	█						
Conduct pilot trial			█	█	█			
Analysis						█	█	█
Manuscript writing and submission							█	█
Redesign of LLM prompt and emails based on results								█

The following are not included in the suggested 5-page limit:

H. Project Budget, Personnel, and Funding History

We adhere to NIH’s guidelines as they relate to salary cap. The 12% cap on indirects applies to each year.

1. Budget:

Provide a detailed budget, broken down by year 1 and 2, if applicable. ICI awards may not be used for laboratory expenses.

2. Project personnel:

Provide the name, title, and role of all individuals who will be involved in the project, including the Principal Investigator (PI)/Co-PI(s). Indicate the percent effort that each person is expected to devote to the project.

3. Funding history:

If applicable, indicate any other sources of funding for the proposed or related projects, including the amounts and granting organizations.

I. Project Investigator Biographies

Provide bios of all key project personnel and collaborator(s), preferably in NIH format or similar format that is abbreviated to emphasize experience relevant to the research proposal.

J: References and Footnotes

Although not required, if the investigator has references, they may be included here.

Please send all completed application documents to grants@the-ici-fund.org. If you have any questions, please contact us at info@the-ici-fund.org