

2023 CTSI Pilot-BERD Award Proposal Form

Clinical & Translational Science Institute of Southeast Wisconsin

PROJECT TITLE: <i>(enter in field below)</i>	
MCW PI NAME (last, first)	
multiple-PI NAME(s) and Institution, if applicable <i>(only indicate 'multiple-Principal Investigators')</i>	

INSTRUCTIONS:

- Please do not remove or reduce instructions, headers, or footers as these are beneficial to reviewers and allow us to maintain fairness among all applicants.
- Appendices are not allowed. You may reference supplementary documents and include the phrase *"Available upon request."*
- Please adhere to the following required format:
 - Margins: 0.5"
 - Font: Arial 11pt regular

Please continue to next page

Project Summary (limit - 1 page)

Provide a project summary which includes the significance, aims and methods of the project, using language that is understandable to a scientifically or technically literate reader **not in your field**.

Aims and Objectives (limit - 1 page)

State concisely the aims & objectives of the proposed research and summarize the expected outcome(s), including the impact that the results would exert on the research field(s) involved.

Research Strategy (limit - 6 pages) Include the following five sections (A through F):

(A) Project Leadership Team

- Describe how the PI/mPIs and coinvestigator(s) are qualified to accomplish the aims and objectives of the project. Describe how the PI/mPIs and coinvestigator(s) come together in an inter-institutional interdisciplinary/multidisciplinary team to accomplish the aims and objectives of the project. (i.e., describe the unique strengths/experience this leadership team brings together in accomplishing the aims and objectives.)

(B) Significance

- Explain the importance of the problem or critical barrier to progress in the field that the proposed project addresses.
- Explain how the proposed project will improve scientific knowledge, technical capability, and/or clinical practice in one or more broad fields.
- Describe how the concepts, methods, technologies, treatments, services, or preventative interventions that drive this field will be changed if the proposed aims are achieved.

(C) Innovation, Novel Technology and/or Novel Approach

- Explain how the application challenges and seeks to shift current research or clinical practice paradigms.
- Describe any novel theoretical concepts, approaches or methodologies, instrumentation, or intervention(s) to be developed or used, and any advantage over existing methodologies, instrumentation or intervention(s).
- Explain any refinements, improvements, or new applications of theoretical concepts, approaches or methodologies, instrumentation, or interventions.

(D) Approach, Feasibility, and Environment

- Describe the overall strategy, methodology, and analyses to be used to accomplish the specific aims of the project. Include how the data will be collected, analyzed, and interpreted as well as any resource sharing plans as appropriate.
- Describe where the study will be conducted and how the environment will contribute to the probability of success. Discuss how the project will benefit from unique features of the scientific environment, subject populations, or collaborative arrangements.
- Discuss potential problems, alternative strategies, and benchmarks for success anticipated to achieve the aims.
- Describe any strategy to establish feasibility and address management of any high-risk factors of the proposed research.

(E) Translational T-level Group Check the box corresponding to the Translational T-level grouping related to your study; then in the space provided describe the translational aspects of your proposed study (<https://ctsi.mcw.edu/about/definitions/#t-levels>).

Check all that apply.

T1 - T2

T3 - T5

Literature Citations (no page limits)

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CTSI Support (limit - 1 page)

Describe how CTSI services will provide support for your project which may include but is not limited to:

- Adult Translational Research Units
- Biostatistical Consulting Mini-grants
- Clinical Research Data Warehouse / i2b2 Cohort Discovery Tool
- Clinical Trials Office
- Community Engagement Consultation Service
- Image De-Identification Services
- IRB Navigator
- REDCap Database Services
- Research Problem Solutions

Project Timeline and Future Plans (limit - 1 page)

Timeline – Provide a detailed timeline/project plan for the project. Project must demonstrate ability to be **completed in 12 months**. *No extensions are permitted.*

Future Plans – Explain how pilot funding will be used for conducting research activities that will lead to future extramural grant funding (i.e., NIH, NSF) and ultimately to tangible clinical improvements.