

2024 CTSI Pilot Award Proposal Form

Clinical & Translational Science Institute of Southeast Wisconsin

PROJECT TITLE: *(enter in field below)*

Lead PI NAME

**Other PI/multiple-PI NAME(s)
and Institution, if applicable**
(only indicate investigators in a PI/mPI role)

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 on 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. Example objectives: test a stated hypothesis; create a novel design; solve a specific problem; challenge an existing paradigm or clinical practice; address a critical barrier to progress in the field; develop new technology. *Note:* Each Aim must have at least one corresponding Objective. Please label as Aim 1; Objective 1; etc. *Applications that do not have Aims and Objectives clearly labeled will not be considered.*

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

(A) Project Leadership Team

- Describe how the PI/mPIs and coinvestigator(s) come together in an interdisciplinary/multidisciplinary team to accomplish the aims and objectives of the project. (i.e., describe the team science research practices; 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; address management of any high-risk factors of the proposed research.
- Point out any procedures, situations, or materials that may be hazardous to personnel and precautions to be exercised.

(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. ☐ **T1 - T2** ☐ **T3 - T4 (T5)**

(F) Special Emphasis Research in this area is not a requirement for the award; however, funds may be set aside for at least one meritorious scoring proposal with the special emphasis of Commercialization potential. This is the potential to file a patent, file an IND or IDE or 510(k), secure seed funding for a start-up company, initiate commercial licensing discussions, or provide preliminary data for a SBIR/STTR grant. For more information and access to resources, please visit the [Accelerating Medical Product Development – using Networked Resources \(or AMPDNR\)](#) website. If your proposed study meets this special emphasis, **please check the box below**, then in the space provided describe how your project focuses on this special emphasis area and the intended process/plan for commercialization.

☐ Commercialization potential

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 are not limited to:

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| <ul style="list-style-type: none">• Adult Translational Research Units• Accelerating Medical Product Development• Biostatistical Consulting Mini-grants• Clinical Research Data Warehouse / i2b2 Cohort Discovery Tool• Clinical Trials Office | <ul style="list-style-type: none">• Community Engagement Consultation Service• Image De-Identification Services• IRB Navigator• REDCap Database Services• Research Problem Solutions |
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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.