# Clinical & Translational Science Institute of Southeast Wisconsin

# 2025 Pilot Award to Advance Translational Science Proposal Form

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| **PROPOSAL TITLE**: *(enter in field below)* | |
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| **Lead PI Name and Institution** |  |
| **Other PI/multiple-PI Name(s) and Institution** |  |
| **Co-Investigator Name(s) and Institution** |  |

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 [Translational Science](https://ncats.nih.gov/about/about-translational-science)project, using language that is understandable to a scientifically or technically literate reader ***not* in your field**.

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# Aims and Objectives (limit - 1 page)

State concisely the aims & objectives of the proposed translational science study and summarize the expected outcome(s), including the impact that the results would exert. *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.*

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

***(A) Project Leadership Team / Cross Disciplinary Team Science***

* Describe how the PI/mPIs and coinvestigator(s) come together in an inter-institutional and 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.)
* Describe how team members with expertise across disciplines, fields, and professions engage to produce research that advances translational science.

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***(B) Significance***

* Explain the importance of the unmet scientific, patient or population health needs, and the translational barrier(s)/roadblock(s) to progress in the field that the proposed project addresses.
* Explain how the proposed project is generalizable, and will improve scientific knowledge, technical capability, and/or clinical practice in one or more broad fields.
* Explain how translational efficiency and/or effectiveness will be improved when the aims of the project are achieved.
* Describe how the concepts, methods, technologies, treatments, services, or preventative interventions that drive this field will be changed if the proposed aims are achieved.

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

* Describe how the proposed study leverages creativity and innovation in research design, conduct, and facilitating factors, with the goal of increasing the impact of the research.
* Explain how the application challenges and seeks to shift current translational science 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.
* Describe the plan to meaningfully engage relevant stakeholders in the various phases of research, including in dissemination and/or implementation activities to enable other investigators to apply the identified principles and solutions in their translational research.

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***(D)*** ***Approach, Feasibility, and Environment***

* Describe the overall strategy, methodology, and analyses to be used to accomplish the specific aims of the project within a 12-month period. Include how the data will be collected, analyzed, and interpreted as well as any resource sharing plans as appropriate.
* Describe the source of the study data and 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 barriers to completing the proposed translational science research within 12-months. If your project involves human subjects research, explain your path to efficient regulatory approval.
* Point out any procedures, situations, or materials that may be hazardous to personnel and precautions to be exercised.

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***(E)*** ***Special Consideration:***Research in this area is not a requirement for the award; however, special consideration will be provided to at least one meritorious proposal focused on barriers to research on women’s health.

If your proposed study meets this special consideration, **please describe how your project focuses on this special consideration area and the intended process/plan for** **inclusion**.

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# Literature Citations (no page limits)

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# CTSI Support (limit - 1 page)

We encourage investigators to maximize the use of CTSI resources. Describe how [CTSI services](https://ctsi.mcw.edu/investigator/) will provide support for your project. Services may include but are not limited to:

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| * Adult Translational Research Units * Accelerating Medical Product Development * 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 |

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# Project Timeline and Future Plans (limit - 1 page)

**Timeline –** Provide a detailed timeline for the project demonstrating the ability to **complete the project in 12 months**.

***Extensions are not permitted.***

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**Future Direction and Long-term Impact –** Explain how pilot funding will be used for conducting translational science research activities that will lead to future extramural grant funding (i.e. NIH, NSF). Describe the long-term impact and how this proposal will ultimately lead to tangible clinical improvements.

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