Center For Clinical and Translational Science (CCTS)

2023 Pilot RFA
Information Session and Q&A

Pilot Translational and Clinical Studies Program (PTC)

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RFA Funding Priority: Translational Science

The NIH CTSA Funding Opportunity Announcement (PAR-21-293) stipulates that pilot studies funded through the CTSAs must be focused on translational science – that is understanding the [Scientific and Operational Principles](#) underlying a step of the translational process, with the goal of developing generalizable solutions to accelerate translational research. Studies may focus on a specific clinical and translational research area to develop or test a translational science-directed hypothesis.

Translational Science Principles

1. Prioritize initiatives that address unmet needs

2. Produce cross-cutting solutions for common and persistent challenges

3. Emphasize creativity and innovation

4. Leverage cross-disciplinary team science

5. Enhance the efficiency and speed of translational research

6. Utilize boundary-crossing partnerships to advance translation

7. Use bold and rigorous research approaches

8. Prioritize Diversity, Equity, Inclusion, and Accessibility (DEIA)

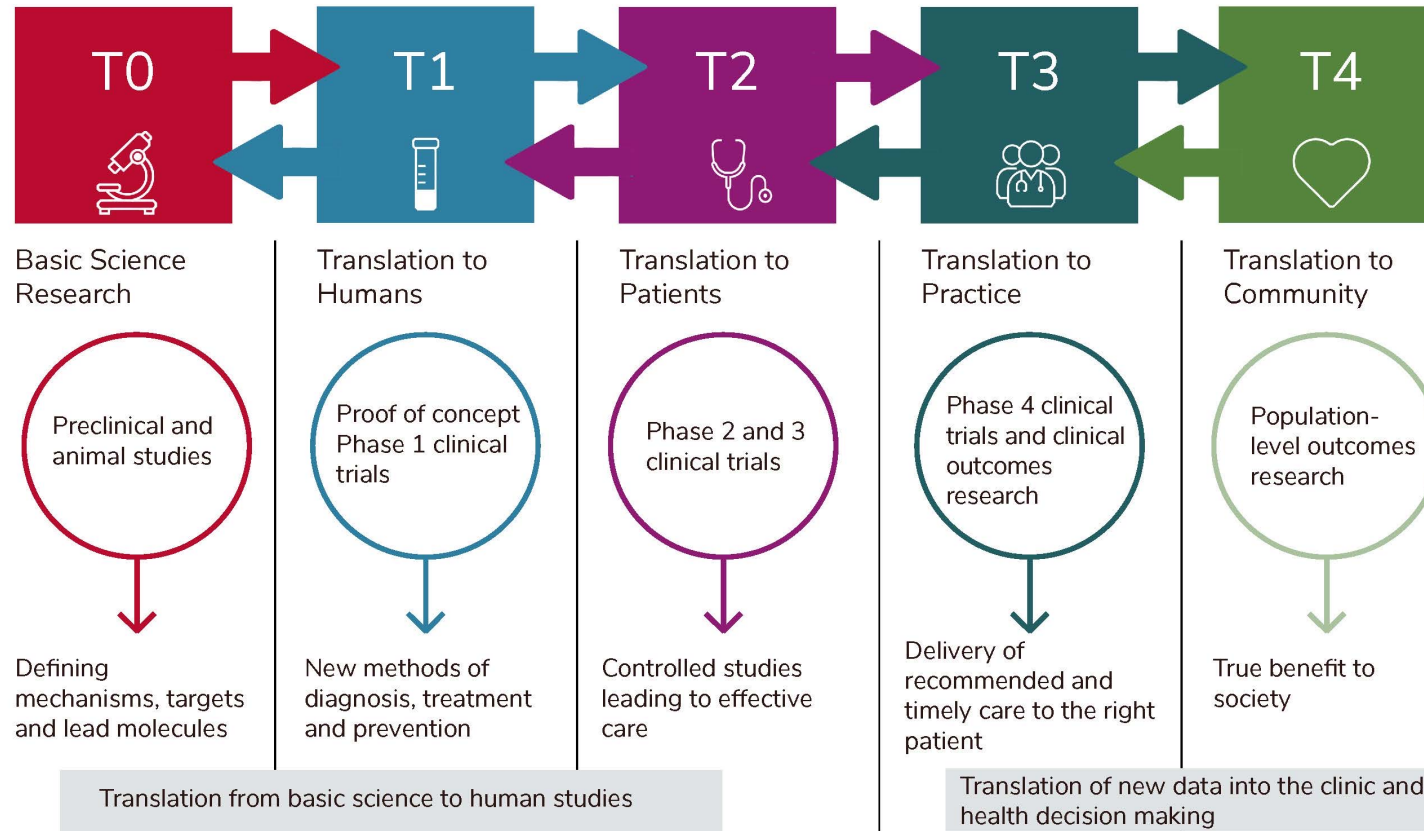[Image Credit: National Center for Advancing Translational Science]

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Translational Research

T0 — Basic Science Research
Preclinical and animal studies
Defining mechanisms, targets and lead molecules

T1 — Translation to Humans
Proof of concept Phase 1 clinical trials
New methods of diagnosis, treatment and prevention

T2 — Translation to Patients
Phase 2 and 3 clinical trials
Controlled studies leading to effective care

T3 — Translation to Practice
Phase 4 clinical trials and clinical outcomes research
Delivery of recommended and timely care to the right patient

T4 — Translation to Community
Population-level outcomes research
True benefit to society

Translation from basic science to human studies

Translation of new data into the clinic and health decision making

Historically, translational research is defined as the effort to traverse specific steps of the translational process for a particular target or disease.

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Translational Science Resources

1. Faupel-Badger JM, Vogel AL, Austin CP, Rutter JL. Advancing translational science education. *Clin Transl Sci*. 2022;15(11):2555-2566. doi:10.1111/cts.13390
2. National Center for Advancing Translational Science
    - *Translational Science Principals*
    - *Issues in Translation*
    - *Transforming Translational Science*
    - *Translational Science Resources*

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RFA Funding Priority: Translational Science

- This request for applications (RFA) is designed to support proposals that advance Translational Science.

- The goal of the PTC pilot research funding award is to fund highly meritorious research for the development of preliminary data to enable researchers to be competitive in applying for extramural funding.

CCTS Two-stage Support of Pilot Grants

Stage 1

- The CCTS provides Pilot Grants ($25K–$50K) over 12 months of support (stage 1).
- To remove barriers for investigators, matching funds from the applicant's home department, center, or partnering institution are not required.

Stage 2

- 50% of completed stage 1 pilot studies will be selected each year by the CCTS management committee for further administrative support and team science training to facilitate validation of team science studies to enable advancement of the most impactful and generalizable approaches.
- No additional pilot funding is provided in stage 2.

Eligibility Criteria

- Applicants must have Principal Investigator (PI) status as defined by The Ohio State University or Nationwide Children's Hospital.

- Applicants have not received any CCTS pilot research funding award within 24 months prior to the application deadline **October 30, 2023**.

- Translational Science

- Preliminary research intended that can be completed within one year with a high probability of obtaining future external funding.

- Development of new concepts, methods, technologies, or research practices that drive translational science.
  - Such proposals should clearly identify challenges or barriers and propose the development of a solution/process that can be tested within the pilot project.

2023 Pilot Grant Application Timeline

2023-2024 Cycle	Dates
Release – Requests for Applicants	September 29, 2023
Mandatory Regulatory Consult with April Green	October 19, 2023
Mandatory Budget Review	October 20, 2023
Mandatory Data Science Review	October 20, 2023
Application Due Date	October 30, 2023
Reviews	November 28-29,2023
Executive Committee Approval	November 30, 2023
Notice of Award Date	December 4, 2023
NCATS Prior Approval Documents Due	December 15, 2023
Earliest Start Date*	January-February

Regulatory Consult

To Schedule Meeting

- Email CCTS Regulatory Office April Green at April.Green2@osumc.edu.
  - Include a few sentences with an overview of your project.
  - Subject Line: "Pilot Regulatory Consult"

What to Expect During Meeting

- Discuss your project and determine the NCATS category of your research.
- Provided documents for NCATS Prior Approval Submission to help you prepare, in the event your project is selected for funding.

Budget Review & Data Science Review

Budget Review

- Budget Form and instructions in REDCap application
- Email Budget Form by 10/20/2023 to Financial Operation Analyst Todd Huffman Todd.Huffman@osumc.edu for review prior to your application submission.
    - Subject Line: "Pilot Budget Review"
    - Cc Jasmine Neal Jasmine.Neal@osumc.edu

Data Science Review

- 1 Page summary
- Instructions in REDCap application
- Email summary by 10/20/2023 to Pilot Program Manager, Jasmine Neal Jasmine.Neal@osumc.edu for review prior to your application submission.
    - Subject Line: "Pilot Data Science Review"

The Application

1. Research Strategy – 5 pages (not including references)
2. Data Science Summary – 1 page
3. Lay Summary – 1 page
4. Project Milestones – 1 page
5. Project Timeline – 1 page
6. Biosketches and Other Support
7. Budget
8. Budget Justification
9. Letters of Support
   a. Department Chair
   b. Patient or Community Stakeholder, if applicable

Q&A

Please raise your hand to ask a question or write your question in the chat box

THANK YOU

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