

## Overview of the CTSA Program Career, Training and Research Education FOAs

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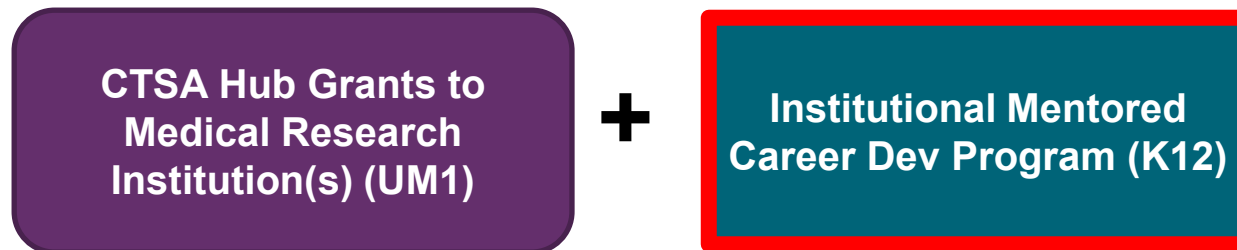
During this presentation, please send your questions to:

[CTSATrainingFOAsQuestions@mail.nih.gov](mailto:CTSATrainingFOAsQuestions@mail.nih.gov)

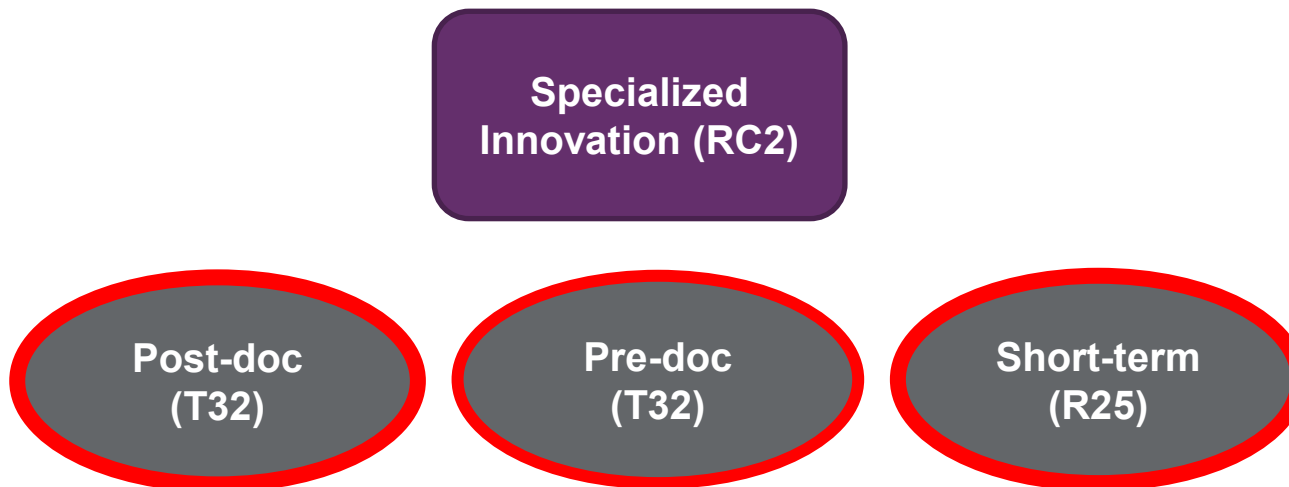


# Suite of CTSA FOAs

## REQUIRED



## OPTIONAL



# Overview of K12, T32s and R25 FOAs

## Overview of Similarities and Differences in the FOAs:

- Purpose
- Fundamental Characteristics of a Translational Scientist
- Relevant Notices
- Renewals with Respect to the UM1
- Application Types Allowed & NIH Instructions
- Application Forms
- Application Data Tables
- Coordination & Integration Plan
- General Review Considerations
- Award Budget Requests for CTSA Applications

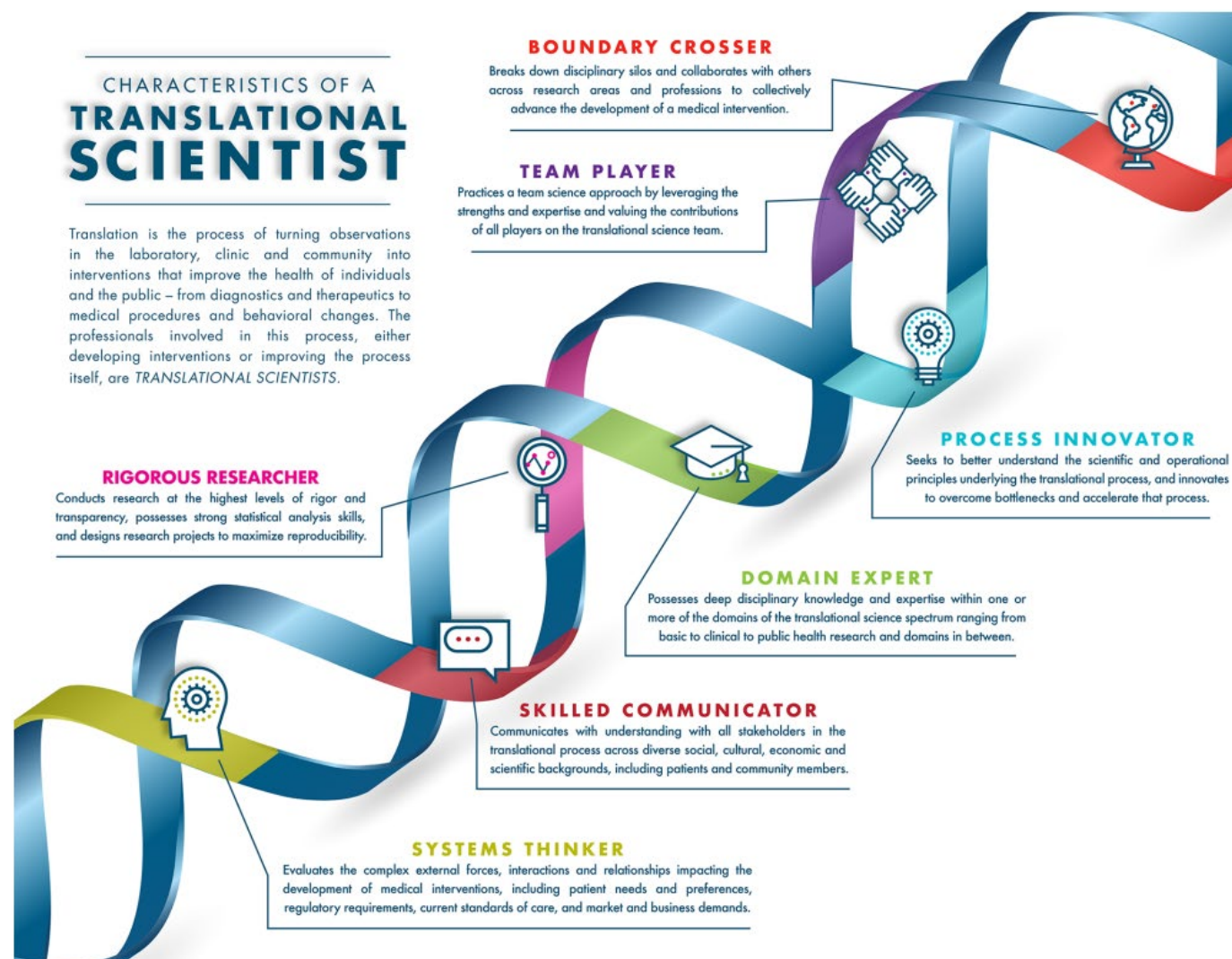


# Purpose

- **R25 Purpose:**
  - Provide hands-on exposure to research that reinforces interest in clinical and translational science.
  - Extend or enhance skills, experiences, and knowledge base to engage in clinical and translational science research activities.
- **T32s Purpose:**
  - Proposed training programs are expected to help trainees develop the characteristics [of clinical and translational scientists] independent of their particular area(s) of expertise.
- **K12 Purpose:**
  - The Mentored Research Career Development Award (K12) programs prepare scholars to transition into research independence in clinical and translational science and to advance diagnostics, therapeutics, clinical interventions, and behavioral modifications that improve health.



# The Fundamental Characteristics of a Translational Scientist



Reference: Gilliland CT, et al. The Fundamental Characteristics of a Translational Scientist. ACS Pharmacol Transl Sci. 2019;2(3):213-216. doi:10.1021/acsptsci.9b00022



# Relevant Notices (through June 2022)

Applicants are responsible for being aware of any notices related to FOAs. These may be released throughout the life of a FOA. Text may be changed in the FOA to reflect the Notice.

Mechanism	Release Date	Notice	Notice Title	Short Description
K12	October 26, 2021	<a href="#">NOT-TR-22-006</a>	Notice of Change to the Required Tables in PAR-21-336, Limited Competition: Mentored Research Career Development Program Award in Clinical and Translational Science Awards for the Clinical and Translational Science Awards (CTSA) Program	Addition of Table 8C - Program Outcomes - Postdoctoral
K12	November 10, 2021	<a href="#">NOT-TR-22-009</a>	Notice of Change to PI effort and eligibility of foreign components for PAR-21-336: Limited Competition: Mentored Research Career Development Program Award in Clinical and Translational Science Awards (CTSA) Program (K12 Clinical Trial Optional)	Change PI effort from 1.2 mths to 3.6 months; allow foreign components
R25	November 29, 2021	<a href="#">NOT-TR-22-010</a>	Notice of Change to Participant Eligibility, Participant Costs and Other Attachments to Funding Opportunity Announcement PAR-21-339, Limited Competition: NCATS Clinical and Translational Science Award (CTSA) Program Research Education Grants Program (R25)	Changes in participant eligibility, participant costs in terms of reasonable accommodation to individuals with disabilities, and where the Coordination and Interaction Plan attachment should be included in applications
UM1/K12/T32 / R25/RC2	January 31, 2022	<a href="#">NOT-TR-22-008</a>	Notice of Change to Expansion of Eligibility of Optional Companion Applications for CTSA Program Funding Opportunities: PAR-21-293 (UM1), PAR-21-340 (RC2), PAR-21-339 (R25), PAR-21-338 (T32), and PAR-21-337 (T32).	Clarification that optional companion applications can be submitted under the following scenarios: concurrently with the UM1, while the UM1 application is under review consideration, after the UM1 application is funded, while the UM1 is under consideration for funding.
UM1/K12	February 25, 2022	<a href="#">NOT-TR-22-022</a>	Notice of Change to Expansion of Eligibility of PAR-21-336 (K12) Required Companion Application for CTSA Program Funding Opportunity PAR-21-293 (UM1).	Clarification that required companion K12 application can be resubmitted under the following scenarios: concurrently with the UM1, while the UM1 application is under review consideration, after the UM1 application is funded, while the UM1 is under consideration for funding.



# Required and Optional Components to the UM1

- **Required Funding Opportunities:**

- [PAR-21-336](#): Limited Competition: Mentored Research Career Development Program Award in Clinical and Translational Science Awards (CTSA) Program (K12 Clinical Trial Optional)

- **Companion Funding Opportunities:**

- [PAR-21-339](#) - Limited Competition: NCATS Clinical and Translational Science Award (CTSA) Program Research Education Grants Programs (R25 - Clinical Trial Not Allowed)
- [PAR-21-338](#) - Limited Competition: Ruth L. Kirschstein National Research Service Award (NRSA) Postdoctoral Research Training Grant for the Clinical and Translational Science Awards (CTSA) Program (T32 Clinical Trial Not Allowed)
- [PAR-21-337](#)- Limited Competition: Ruth L. Kirschstein National Research Service Award (NRSA) Predoctoral Research Training Grant for the Clinical and Translational Science Awards (CTSA) Program (T32 Clinical Trial Not Allowed)





# K12: Required Application with UM1

- [NOT-TR-22-022](#): Released February 25, 2022:
  - The K12 Mentored Research Career Development Award Program required UM1 companion application **must be submitted** in accordance with the UM1 and K12 FOAs application submission dates under the following scenario:
    - Initial Concurrent submission of both a UM1 application to [PAR-21-293: Clinical and Translational Science Award](#) and a K12 application to [PAR-21-336](#)
  - The K12 **required companion** application may be resubmitted in accordance with the applicable FOA application submission dates under the following scenarios:
    - concurrently with the resubmitted UM1
    - while the UM1 application is under review consideration
    - after the UM1 application is funded
    - ***while the UM1 is under consideration for funding***
  - While the K12 Mentored Research Career Development Award Program required companion application must be submitted concurrently with the initial UM1 application or resubmitted at any time the submitted UM1 new or resubmission application or award remains active, the K12 required companion application will only be awarded if the UM1 is awarded.



[PAR-21-336](#) - Limited Competition: Mentored Research Career Development Program Award in Clinical and Translational Science Awards (CTSA) Program (K12 Clinical Trial Optional)





# T32 & R25: Optional Components to the UM1

- [NOT-TR-22-008](#): Released November 15, 2021:
  - Companion optional training and education applications (R25, T32s) may be submitted in accordance with the applicable FOA application submission dates under the following scenarios:
    - concurrently with the UM1
    - while the UM1 application is under review consideration
    - after the UM1 application is funded
    - ***while the UM1 is under consideration for funding***
  - While optional companion applications may be submitted concurrently with the UM1 application or at any time the submitted UM1 new or resubmission application remains active, optional companion applications will only be awarded if the UM1 is awarded.



# Renewals with Respect to the UM1

- The UM1 can be awarded up to 7 years.
- The Career, Training and Research Education awards can be awarded up to 5 years.
- These will be off cycle.
- Renewal applications for the K12, T32 and R25 will be allowed in subsequent rounds, an active UM1 is required.



# Application Instructions

## Application Instructions:

- **T32 and K12:**
  - Training (T) Instructions in the [SF424 \(R&R\) Application Guide](#), except where instructed to do otherwise (in this FOA or in a Notice from the [NIH Guide for Grants and Contracts](#)).
- **R25:**
  - Research (R) Instructions in the [SF424 \(R&R\) Application Guide](#), except where instructed to do otherwise (in this FOA or in a Notice from [NIH Guide for Grants and Contracts](#)).

- \*\*Existing CTSA KL2 and TL1 hubs that apply under the K12 and T32s will be “New” applications
- \*\*The applicant institution must be the UM1 applicant institution



# Application Instructions - Forms

Particular attention must be given to the required NIH Grant Application Forms and Instructions: (FORMS-G or H).

If your intended due date is...	You must use...
<b>On or before January 24, 2023</b>	FORMS-G application package and Data Tables
<b>On or after January 25, 2023</b>	FORMS-H application package and Data Tables *Will be posted on <a href="#">How to Apply - Application Guide</a> page no later than October 25, 2022

For a transition period, both FORMS-G and FORMS-H application packages will be active simultaneously. Applicants must choose the appropriate application package for their due date. ([NOT-OD-22-195](#))



# Application Data Tables

Grant Mechanism	Training Data Tables Required
R25 – PAR-21-339	None
T32 (predoc) – PAR-21-337	Particular attention must be given to the required <a href="#">Training Data Tables</a> .
T32 (postdoc) – PAR-21-338	Particular attention must be given to the required <a href="#">Training Data Tables</a> .
K12 – PAR-21-336	<p>Table 2 (New and Renewal applications)</p> <p>Table 3 (New and Renewal applications)</p> <p>Table 4 (New and Renewal applications)</p> <p>Table 8C, Part III (New) and Table 8C, Part I and Part II (Renewal applications only)</p>



# Coordination & Integration Plan

- The **Coordination and Integration Plan** is to describe the overarching goals of each component and the coordination, integration, synergy and mutual reinforcement of resources among the components. Include a description of the roles of any shared partners and/or collaborators. Limited to **three** pages.
- The **UM1 application** must include a specific plan describing the partnership between the required **K12 and any optional components**, such as the research education (R25), and/or pre- and postdoctoral training (T32) awards. Similarly, the **K12 and any optional components** must include a specific plan describing the partnership.
- If this attachment is not included, the application will be considered incomplete and will not be reviewed.



# General Review Considerations

- T32, R25, K12 mechanisms will be reviewed separately from the UM1 application.
- Do not expect study section members to have access to all grant applications submitted (UM1, K12, T32s, R25, RC2) in the CTSA suite of awards for the same application date.
- Do not expect that the same reviewers will be assigned to all applications/mechanisms in the review.





# Award Budget Requests for CTSA Applications

Receipt Dates of January 13, 2023, May 12, 2023, September 15, 2023 ([NOT-TR-22-033](#)) for FY24 Funding

Hub Tier Size	5-year avg of NIH DC of applicant institution PLUS NIH DC of any partners*	UM1 Budget (Direct Cost)	K12 Budget (Direct Cost)	T32 predoc slots	T32 postdoc slots	R25 Budget (Direct Cost)
A	>\$320M	\$6.5M	\$1.5M	10	5	\$100K
C	\$235M - \$320M	\$5.0M	\$1.0M	8	4	\$100K
T	\$145M - \$234,999,999	\$3.6M	\$900,000	6	3	\$100K
G	<\$145M	\$2.6M	\$700,000	4	2	\$100K

\*Calculated from the 5-year average of the most current NIH Direct Cost (DC) Funding of the applicant institution, PLUS 5-year average of the most current NIH Direct Cost (DC) funding of any partner(s)\* (based on FY2017-FY2021 NIH Funding data)

<https://ncats.nih.gov/ctsa/funding/CPUBRT>



# Additional Resources

- Application Information for CTSA Program Research Training and Career Development Awards <https://ncats.nih.gov/ctsa/funding/ctsa-research-training-career-development-awards>
- Periodic update to this page will be made from questions submitted to [CTSATrainingFOAsQuestions@mail.nih.gov](mailto:CTSATrainingFOAsQuestions@mail.nih.gov)

