Overview of the CTSA T32 Predoctoral FOA

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During this presentation, please send your questions to:
CTSATrainingFOAsQuestions@mail.nih.gov

Overview

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T32 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
UM1/K12/T32/R25/RC2	January 31, 2022	NOT-TR-22-008	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, and while the UM1 is under consideration for funding.

What if the optional components are submitted at a later date from the UM1?
- UM1 applications should indicate that applications are planned in the future and should describe the intent or future plans to coordinate and integrate these activities with the UM1.
- Individual applications for the optional T32 Predoctoral FOA are to include a Coordination and Interaction Plan regardless of when they are submitted.
- If this attachment is not included, the application will be considered incomplete and will not be reviewed.

Purpose of T32 Predoctoral Training Grant

- To enhance predoctoral research training of individuals seeking a PhD or an equivalent research health professional degree and help ensure a heterogenous pool of clinical and translational scientist trainees who are equipped with the knowledge, skills and abilities to advance diagnostics, therapeutics, clinical interventions, and behavioral modifications aimed at improving health.

- Institutional T32 Predoctoral grants are limited to 5 years' funding

- Joint degree trainees are allowed.

- Trainee support is capped at 5 years at the predoctoral level.

- Independent clinical trials are not supported.

Integration of UM1 and Optional T32 Predoctoral Component

- The Predoctoral T32 application **<u>MUST</u>** include a specific plan describing the partnership between it and the UM1 application. Similarly, the UM1 must include a specific plan describing the partnership with the T32.

- The **Coordination and Interaction Plan** should describe the overarching goals of each component and the coordination, integration, synergy and mutual reinforcement of resources among the components and provide a description of the roles of any shared partners and/or collaborators.

- This plan is required and limited to 3 pages maximum. If this attachment is not included, the application will be considered incomplete and will not be reviewed.

PI Requirements

PD/PIs Requirements:

- Necessary scientific expertise, including a record of rigorous research, as well as the administrative and training experience.
- No minimum effort required.
- PIs should have the time to commit sufficient effort to ensure the program's success.
- For Hubs with both T32 predoctoral and postdoctoral components, there is no restriction on the same person serving as PI of both components.
- UM1 PI cannot be PI on the T32 predoctoral application.
- Individuals from underrepresented racial and ethnic groups as well as individuals with disabilities are always encouraged to apply for NIH support.

Applications:

- Applications must be submitted by the Hub institution.

Section IV. Application and Submission Information (T32 Predoctoral)

Other Attachments:

*If these attachments are not included, the application will be considered **incomplete and will not be reviewed**.**
* No specific responsiveness criteria listed for this FOA

Other Attachments	Maximum # of Pages	Preferred File Name
Internal Advisory Committee	3	Internal_Advisory_Committee.pdf
Mentor/Trainee Assessment Plan	3	Mentoring_Assessment.pdf
Trainee Selection and Appointment Process	3	Trainee_Selection_Process.pdf
Recruitment Plan to Enhance Diversity	3	Recruitment_Plan.pdf
Trainee Retention Plan	3	Retention_Plan.pdf
Sustainability Plan	1	Sustainability_Plan.pdf
Coordination and Interaction Plan	3	Coordination_Interaction_Plan.pdf
Dissemination Plan	1	Dissemination_Plan.pdf
Outcomes Data Collection and Storage Plan	2	Data_Collection_Storage_Plan.pdf

Attachments are not part of the 25-page program plan

Section IV. Application and Submission Information (T32 Predoctoral)

- Training Program:
- Program Plan is required and must adhere to the page limits NIH-Specified [Table of Page Limits](#) and instructions in the [Predoctoral](#) T32 FOA.

  - Must include:
    - Program Administration
    - Program Faculty and Mentoring Oversight
    - Proposed Training
    - Training Program Evaluation
    - Trainee Candidates
    - Institutional Environment and Commitment to Training

- Plan for Instruction in the Responsible Conduct of Research
- Plan for Instruction in Methods for Enhancing Reproducibility
- Faculty, Trainees, and Training Record Section

Data Tables

REQUIRED tables for T32 Predoctoral Applications:

- Table 1 Census of Participating Departments or Interdepartmental Programs
- Table 2 Participating Faculty Members
- Table 3 Federal Institutional Research Training Grant and Related Support Available to Participating Faculty Members
- Table 4 Research Support of Participating Faculty Members
- Table 5A Publications of Those in Training: Predoctoral
- Table 6A Applicants, Entrants, and Their Characteristics for the Past Five Years: Predoctoral
- Table 8A Program Outcomes: Predoctoral

Applications should summarize key data from the tables that highlight:
- The characteristics of the applicant pool,
- Faculty mentors,
- The educational and career outcomes of participants, and
- Other factors that contribute to the overall environment of the program.

Reminder: Please ensure that the text matches the tables.

T32 Predoctoral Award Budget

Hub tiers must be ascertained in order to determine the budget (request for slots) for the T32 as the required UM1 companion application. See PAR-21-293: Clinical and Translational Science Award and NOT-TR-22-033.

The T32 budget should be submitted following instructions provided in the **SF424 R&R Application Guide**

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)	T32 predoc slots
A	>$320M	$6.5M	10
C	$235M - $320M	$5.0M	8
T	$145M - $234,999,999	$3.6M	6
G	<$145M	$2.6M	4

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

Other Award Budget Information

- Salary support for individuals directing the predoctoral and postdoctoral T32s training may be requested in the UM1 application if:
  - The individual has direct responsibilities and a justifiable role in activities conducted as an integrated endeavor on the UM1, and
  - Costs are not duplicative.

- Support can be added to the budget for each year of the requested 7-year period of the UM1.

- Note that if the individual's effort is requested on the UM1 without a justifiable UM1 role and the T32 is not awarded, the effort requested on the UM1 will be considered unallowable and the associated costs will be removed from the UM1 award.

See PAR-21-293:Clinical and Translational Science Award (UM1 Clinical Trial Optional)

Not Responsive Applications

The following types of applications are considered **non-responsive and will not be reviewed**:

- New applications or resubmission application that are not linked to a required UM1 (PAR-21-293: Clinical and Translational Science Award).

- Applications that do not meet the eligibility criteria for companion optional applications as outlined in NOT-TR-22-008).

- Applications proposing postdoctoral or combined predoctoral and postdoctoral training under this FOA (note: applicants wishing to take advantage of the CTSA T32 for postdoctoral trainees should use PAR-21-338).

- Applications that propose short-term research experiences.

- Applications proposing postdoctoral training.

General Review Considerations

- T32, R25, K12 mechanisms will be reviewed separately from the UM1 application.

- Do not expect special emphasis panel reviewers to have access to all grant applications submitted (UM1, K12, T32s, R25, RC2) in the CTSA suite of awards for the same application date.

- **Coordination and Interaction Plan** required for each FOA provide an opportunity to describe the partnership between the mechanisms.

Section V. Application Review Information

Overall Impact

Scored Review Criteria
- Training Program and Environment
- Training Program Director(s)/Principal Investigator(s) (PD(s)/PI(s))
- Preceptors/Mentors
- Trainees
- Training Record and Program Evaluation

Additional Review Criteria (Not Scored but considered in Overall Impact score)
- *Protections for Human Subjects*
- *Inclusion of Women, Minorities, and Individuals Across the Lifespan*
- *Vertebrate Animals*
- *Biohazards*
- Training in Methods for Enhancing Reproducibility
- Resubmissions

Additional Review Considerations (Not Scored, and not considered in Overall Impact score)
- Recruitment Plan to Enhance Diversity
- Training in the Responsible Conduct of Research
- Select Agent Research
- Budget and Period of Support

Contacts for T32 Predoctoral Applicants

Scientific/Research Contact(s)

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Next Up: Technical Assistance for the T32 Postdoctoral FOA

During the presentation send your questions to:
CTSATrainingFOAsQuestions@mail.nih.gov