

CTSAHubInformation

The CTSA Workforce Development Domain Task Force requests that you complete this CTSA TL1 Program Survey. The goals of this survey are to:

- 1) Determine the breadth of Program services that are offered
- 2) Develop a "snapshot" of trainee characteristics and goals
- 3) Identify practices that can be shared among the TL1 programs

Please note that completion of the survey will likely require collaboration between program director(s) and program administrator(s) who have access to your TL1 program's policies and procedures, data, and scholar outcomes, both currently and over the lifetime of your program. To minimize the time required, we suggest that you print out the previously provided survey PDF (and all required table shells) in advance, and review the data sources you should have accessible during completion.

This survey does not have to be completed in during a single log-in. You can save and return later by clicking the "Save & Return" button at the bottom of each survey page and following the instructions that appear. You will need to save/remember a "Return Code" in order to re-open your survey.

When you have completed the survey, hit the "submit" button at the bottom of the survey page. We are requesting completion of this survey by March/April XX, 2019.

This survey is CONFIDENTIAL. The data will be analyzed and disseminated in aggregate form only; these aggregate data, without any identifiers, will be shared with all CTSA TL1 program leaders, so that individual programs can benchmark themselves as they deem useful and appropriate.

Responding to this survey is voluntary. The data will be analyzed in a systematic way and the results of the systematic analyses will be publicized at the full Workforce DTF face-to-face meeting to be held in Washington DC on April 19th. The data will be analyzed and disseminated in aggregate form only, without any identifiers, and will be shared with all CTSA TL1 program leaders.

The content of this survey is solely the responsibility of the authors and does not necessarily reflect the official views of the National Center for Advancing Translational Sciences or the Federal Government. While we recognize that completing this survey represents a significant task, we feel that the information to be derived will be of significant benefit to all of us. Our goal is to achieve 100% survey response from across the national CTSA consortium. We thank you for your response.

If you have any concerns, please feel free to share them
Sincerely,

Please provide your name:

CTSA Institution

Hub responses are requested for tracking purposes.

- BOSTON UNIVERSITY
- CASE WESTERN UNIVERSITY
- CHILDRENS NATIONAL INSTITUTE
- COLUMBIA UNIVERSITY
- DARTMOUTH COLLEGE
- DUKE UNIVERSITY
- EINSTEIN-MONTEFIORE
- EMORY UNIVERSITY
- GEORGETOWN - HOWARD UNIVERSITY
- HARVARD UNIVERSITY
- INDIANA UNIV-PURDUE UNIV AT INDIANAPOLIS
- JOHNS HOPKINS UNIVERSITY
- MAYOCLINIC
- MEDICAL COLLEGE OF WISCONSIN
- MEDICAL UNIVERSITY OF SOUTH CAROLINA
- ICAHNSCHOOL OF MEDICINE AT MOUNT SINAI
- NEW YORK UNIVERSITY SCHOOL OF MEDICINE
- NORTHWESTERN UNIVERSITY
- OHIO STATE UNIVERSITY
- OREGON HEALTH & SCIENCE UNIVERSITY
- PENNSYLVANIA STATE UNIVERSITY
- ROCKEFELLER UNIVERSITY
- SCRIPPS RESEARCH INSTITUTE
- STANFORD UNIVERSITY
- TUFTS UNIVERSITY
- UNIV OF MASSACHUSETTS MED SCH WORCESTER
- UNIVERSITY OF ALABAMA
- UNIVERSITY OF ARKANSAS
- UNIVERSITY OF BUFFALO
- UNIVERSITY OF CALIFORNIA - DAVIS
- UNIVERSITY OF CALIFORNIA - SAN FRANCISCO
- UNIVERSITY OF CALIFORNIA - LOS ANGELES
- UNIVERSITY OF CALIFORNIA - SAN DIEGO
- UNIVERSITY OF CALIFORNIA - IRVINE
- UNIVERSITY OF CHICAGO
- UNIVERSITY OF CINCINNATI
- UNIVERSITY OF COLORADO
- UNIVERSITY OF FLORIDA
- UNIVERSITY OF ILLINOIS
- UNIVERSITY OF IOWA
- UNIVERSITY OF KANSAS
- UNIVERSITY OF KENTUCKY
- UNIVERSITY OF MIAMI SCHOOL OF MEDICINE
- UNIVERSITY OF MICHIGAN
- UNIVERSITY OF MINNESOTA
- UNIVERSITY OF NEW MEXICO
- UNIVERSITY OF NORTH CAROLINA
- UNIVERSITY OF PENNSYLVANIA
- UNIVERSITY OF PITTSBURGH
- UNIVERSITY OF ROCHESTER
- UNIVERSITY OF SOUTHERN CALIFORNIA
- UNIVERSITY OF TEXAS - HEALTH SCIENCE CENTER
- UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON
- UNIVERSITY OF TEXAS MEDICAL BR GALVESTON
- UNIVERSITY OF UTAH
- UNIVERSITY OF WASHINGTON
- UNIVERSITY OF WISCONSIN-MADISON
- UT SOUTHWESTERN MEDICAL CENTER
- VANDERBILT UNIVERSITY
- VIRGINIA COMMONWEALTH UNIVERSITY
- WAKE FOREST UNIVERSITY
- WASHINGTON UNIVERSITY OF ST. LOUIS
- WEILL MEDICAL COLL OF CORNELL UNIV
- YALE UNIVERSITY
- OTHER

Please specify 'other' institution: _____

Name of TL1 Program Director _____

E-mail address of TL1 Program Director _____

Phone number of TL1 Program Director (10 Digit XXX-XXX-XXXX) _____

Name of TL1 Program Administrator _____

E-mail address of TL1 Program Administrator _____

Phone number of TL1 Program Administrator (10 Digit XXX-XXX-XXXX) _____

Is your hub: (As defined by NCATS)

- Small
 Medium
 Large

Trainee types (please check all that apply):

This question will determine which follow-up surveys will appear in your "Survey Queue" on the next page.

- Predoctoral Trainees
 Postdoctoral Trainees
 Short-term Trainees
 Professional Students Year-Out

TL1 Program Factors

Over the life of the program, how many persons have served as Program Director/PI?

Please select any of the statements below that describe your TL1 directorship.

- One primary director who currently mentors co-directors for sustainability
 Current co-directors with complementary skills and responsibilities to those of the main/contact TL1 PI/PD

Current TL1 Program Director/PI Degree: (Please check all that apply)

- MD
 PhD
 Education related Degree
 Other

Please specify: _____

Do faculty receive financial compensation specifically in recognition of serving as a TL1 mentor?

- Yes
 No

How are faculty compensated for mentoring TL1 trainees?

What are stated goals or specific aims of your TL1 program as a whole? (copy/paste specific aims)

Which goals distinguish your TL1 program as a whole from other NIH-funded training programs?

PREDOCTORAL TL1 TRAINEES

GENERAL INFORMATION FOR CTSA-FUNDED TL1 PREDOCTORAL TRAINEE SLOTS

How many CTSA-funded TL1 slots for Pre-doc PhD Student trainees are awarded to your program in your current grant year? _____

If any notes are needed to explain the number of awarded CTSA-funded slots, please use this space.

Do CTSA-funded TL1 Predoctoral trainees have access to the same health insurance plans for family members at the same institutionally negotiated rates as employees?

- Yes No

How is the cost of health insurance coverage for the spouse and for children of the CTSA funded predoctoral TL1 trainee paid?

- Trainee pays all
 Trainee pays reduced amount (subsidized by institution)
 Institution pays 100%

How often is the stipend level for CTSA-funded TL1 Predoctoral trainees supplemented from nonfederal sources?

- Never Sometimes Often Always

How often does your institution provide additional travel funds for CTSA-funded TL1 Predoctoral trainees?

- Never Sometimes Often Always

Have you ever used institutional funding to support additional slots for Predoctoral trainees who are associated with your CTSA-funded TL1 Predoctoral program?

- Yes No

ELIGIBILITY AND SELECTION PRACTICES FOR CTSA-FUNDED TL1 PREDOCTORAL TRAINEE SLOTS

What types of CTSA-funded TL1 Predoctoral students are eligible for a CTSA-funded TL1 position? (please check all that apply)

- DDS-PhD or DMD-PhD Student
 DPT-PhD Student
 DVM-PhD Student
 MD-PhD Student
 PhD Student
 PharmD-PhD Student
 Other

Please specify 'other' degree(s): _____

Which of the following schools/colleges/other CTSA partners currently participate in your CTSA-funded TL1 Predoctoral program? (Check all that apply.)

	Individuals from this unit are eligible to apply for a TL1 award	Individuals from this unit have applied for a TL1 award	Individuals from this unit have received a TL1 award
Medicine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dentistry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engineering	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nursing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pharmacy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Public Health	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Veterinary Medicine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Non-Health Sciences College (e.g., Arts & Sciences, Education, Social Sciences)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Non-University Research Institute	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please specify 'other': _____

Which years of PhD training are typically supported by your CTSA-funded TL1 Predoctoral program? Please check the one that best fits your program.

- Years Before Candidacy Exam
- Years Spanning Candidacy Exam
- Years After Candidacy Exam

Do you have a process for prescreening and/or preselection of TL1 Predoctoral applicants for CTSA funding?

- Yes
- No

Please briefly describe this process.

How many formal applications for CTSA-funded TL1 Predoctoral positions did your program receive in the past 12 months? _____

Indicate the importance of the following criteria in your current REVIEW process for individual CTSA-funded TL1 Predoctoral awards.

	Essential/ Required	Very Important	Somewhat Important	Not Important
Potential health impact of proposed research and training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interdisciplinary focus of proposed research and training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Team science focus of proposed research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community impact of proposed research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Health disparities/equity impact of proposed research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Applicant's membership in a group underrepresented in the biomedical workforce (e.g., race, ethnicity, disability)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fit for a particular research mission (e.g., implementation science, cancer, drug development)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Additional factors that contribute to the overall merit of the application	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please describe "Additional" or other factors:

If your CTSA-funded TL1 Predoctoral program has a focus on a particular research mission that impacts selection, please briefly describe.

When considering which applicants will RECEIVE a CTSA-funded TL1 Predoctoral award in your program, what are the top four factors that influence your decision?

- Trainee publications
- Trainee presentations at national meetings
- Trainee awards
- Letters of recommendation
- Grades
- Proposed project
- Mentor research expertise
- Mentor funding
- Mentor experience providing research training
- Research training plan
- Diversity of scientific fields among TL1 cohort
- Diversity of individuals
- Other

Please specify 'other' selection factor: _____

	Essential/ Required	Very Important	Somewhat Important	Not Important
To what extent is the building of a cohort and the interaction of cohort members involved in the selection of CTSA-funded TL1 Predoctoral trainees?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How important are the following criteria in your current SELECTION process when putting together your CTSA-funded TL1 Predoctoral cohort?

	Essential/ Required	Very Important	Somewhat Important	Not Important
Maximizing the diversity of the cohort with respect to stages of the translational research spectrum	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Maximizing the diversity of the cohort with respect to demographic factors (e.g., gender, race, ethnicity)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Maximizing the diversity of the cohort with respect to scientific discipline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please list any additional criteria you use in your selection of CTSA-funded TL1 Predoctoral trainees and/or the CTSA-funded TL1 Predoctoral cohort.

How important are the following factors in the makeup of the REVIEW COMMITTEE for your current TL1 predoctoral training program?

	Essential/ Required	Very Important	Somewhat Important	Not Important
Representation from your major CTSA partners and departments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Representation of research foci across the translational research spectrum	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diversity of the committee with respect to demographic factors (e.g., gender, race, ethnicity)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Subject matter experts who are not members of the selection committee	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Subject matter experts external to your CTSA	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Current or past TL1 trainees Current or past KL2 trainees	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Briefly describe any unique characteristics of the eligibility and selection practices for your CTSA-funded TL1 Predoctoral training program that have not been addressed by previous questions.

CTSA-FUNDED TL1 PROGRAM APPROACH FOR PREDOCTORAL TRAINING

What year did your CTSA-funded TL1 Predoctoral program start?

- | | | |
|----------------------------|----------------------------|----------------------------|
| <input type="radio"/> 2006 | <input type="radio"/> 2011 | <input type="radio"/> 2016 |
| <input type="radio"/> 2007 | <input type="radio"/> 2012 | <input type="radio"/> 2017 |
| <input type="radio"/> 2008 | <input type="radio"/> 2013 | <input type="radio"/> 2018 |
| <input type="radio"/> 2009 | <input type="radio"/> 2014 | |
| <input type="radio"/> 2010 | <input type="radio"/> 2015 | |

What is the usual duration of your CTSA-funded TL1 Predoctoral training? (Select one)

- 1 Year 2 Years 3 Years Other

How often are formal academic credentials awarded to your CTSA-funded TL1 Predoctoral trainees upon completion of the program?

(N/A if program does not have the ability to award that credential)

	Always	Often	Sometimes	Never	N/A
University-sanctioned CTS Certificate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CTS "minor" or emphasis area for PhD in a specific discipline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CTS "co-major" for PhD in a specific discipline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CTS PhD Degree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Graduate Masters Degree, e.g., MS or MPH	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other formal credential	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please specify 'other' formal credential and how it is sanctioned.

In which translational research phases do your CTSA-funded TL1 Predoctoral students typically work? (Check all that apply) (NIH Research Phase definitions can be found here.) [link]

- Basic
- Preclinical (T0)
- Clinical (T1-T2)
- Clinical Implementation (T3)
- Public Health (T4)

Which training opportunities are currently offered at your institution to CTSA-funded TL1 Predoctoral trainees? (please check all that apply)

	Not Available	Available, Optional	Available, Required
Didactic courses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
“Research In Progress” Seminars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Collaborative Team Research Projects	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interdisciplinary Mentoring Teams	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Scientific Manuscript Writing Skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Grant-Writing Skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mock Study Section	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Scientific Communication Skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Presentation Skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Team Science / Collaboration Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Leadership Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mentorship Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Professionalism Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Entrepreneurship Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Educator Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Service on TL1 Selection Committee	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Outside Seminar Speakers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Annual Research Day	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Annual Retreat	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community Engagement Activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Clinical Exposure / Experience	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Off-site/Off-campus Research Experience	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Career Exploration Internship / Externship (on or off campus)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Career Development/Planning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please specify 'other' activity: _____

Which subject areas are included in didactic coursework? (please check all that apply)

	Not Available	Available, Optional	Available, Required
Intro to / Overview of Clinical and Translational Research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Statistics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Informatics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
RCR / Research Ethics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Epidemiology / Public Health	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Study / Experimental Design	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Team Science / Collaboration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Journal Club / Paper Discussion	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Grant-Writing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Scientific Writing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community / Stakeholder Engagement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dissemination / Implementation Science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Scientific Communication Skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please specify 'other' didactic course: _____

How many CTSA-funded TL1 Predoctoral trainees in the current year are engaged in off-site clinical or translational research training experiences (e.g., externships that are supplemental to primary research projects)? _____

Briefly describe off-site training experiences. _____

What is the typical length of time (in weeks) of off-site clinical or translational research training experiences? _____ (weeks)

Are your CTSA-funded TL1 Predoctoral trainees required to attend the annual ACTS meeting?
 Never Once Annually

What kind of activities do CTSA-funded TL1 Predoctoral trainees participate in after their funding ends to keep them engaged in the program during their graduate studies? (Please list)

Indicate which, if any, of these program characteristics has changed significantly since the inception of your CTSA-funded TL1 Predoctoral program? (Check all that apply.)

- No changes
- Applicant Pool
- Program Goals
- Selection Criteria
- Selection Process
- Program Leadership
- Training Methods/Activities
- Other

Please specify 'other' program characteristics: _____

Of the changes noted in the previous question, briefly describe one or two of the most significant change(s) to your CTSA-funded TL1 Predoctoral program.

What challenges have you had in implementing your CTSA-funded TL1 Predoctoral program?

Briefly describe if and how training activities for CTSA-funded Predoctoral TL1 Trainees are integrated with those of other CTSA-Funded TL1 trainees (e.g., postdocs, short-term trainees, year-out professional students).

Briefly describe if and how training activities for CTSA-funded Predoctoral TL1 Trainees are integrated with those of KL2 Scholars.

Briefly describe if and how pre and/or postdoctoral training activities for CTSA-funded Predoctoral TL1 Trainees are integrated with those for other NIH-supported trainees (T, K, F).

Briefly describe any larger impact your CTSA-funded TL1 Predoctoral training program has had on your institution. (e.g., leveraging other programs, shared program activities, institutional change, research environment.)

Briefly describe any unique characteristics of the program approach for your CTSA-funded TL1 Predoctoral training program that have not been addressed by previous questions.

CTSA-FUNDED TL1 MENTORSHIP TRAINING APPROACH FOR PREDOCTORAL TRAINING

What is the availability of a mentorship training program for the mentors of TL1 predoctoral trainees?
 Not Available Available & Optional Available & Required

What is minimum required number of mentorship training hours for the mentors?
_____ (hours)

Briefly describe the format of the mentorship training for the mentors.

What is the availability of a mentorship training program (may include how to be a better mentee, how to be a mentor, and/or dual role) for CTSA-Funded TL1 predoctoral trainees?
 Not Available Available & Optional Available & Required

What is the minimum required number of mentorship training hours for CTSA-funded TL1 Predoctoral trainees?
_____ (hours)

Briefly describe the format of the mentorship training for CTSA-funded TL1 Predoctoral trainees.

What is the minimum size of the CTSA-funded TL1 Predoctoral mentor team?
 1 2 3 >3

What is the average size of the CTSA-funded TL1 Predoctoral mentor team?
 1 2 3 >3

What is the typical or average frequency each CTSA-funded TL1 Predoctoral trainee meets formally with the mentoring team?
 At least once per week
 At least once per month
 At least once per quarter
 At least once per 6 months
 At least once per year
 Other

Please specify 'other' formal meeting frequency: _____

What kind of Individual Development Plan (IDP) is currently required for each CTSA-funded TL1 Predoctoral trainee (check all that apply):

- myIDP
- Campus-specific IDP
- Other

Please attach (or describe) your IDP template to elaborate on campus-specific or 'other' IDP:

Who contributes to the development of your CTSA-funded TL1 predoctoral trainee IDPs? (Check all that apply)

- By trainee
- By mentor(s)
- By TL1 director(s)
- Not Applicable

How is a CTSA-funded TL1 Predoctoral trainee's IDP used by the TL1 program?

- Not used
- Metrics
- Milestones
- Measure Progress
- Midcourse Corrections
- Other

Please specify 'other' use of IDP: _____

NON-CTSA-FUNDED TL1 PREDOCTORAL TRAINEES

Currently, do you have non-CTSA-funded TL1 predoctoral trainees who get exactly the same training experience as the TL1-funded predoctoral trainees?

- Yes No

What kind of academic credential is earned by non-CTSA-funded TL1 predoctoral trainees?

- None Same as for CTSA funded TL1 trainees Other

Please briefly describe 'other' credential:

How are non-CTSA-funded TL1 predoctoral trainees funded? (Check all that apply)

- Institutional funds
- Research grants
- Medical Scientist Training Program (MSTP) Training Grant
- Other training grant(s), e.g., T32
- Individual Fellowship (F) Award(s)
- Other

Please specify 'other' funding source: _____

TRAINEE METRICS AND OUTCOMES FOR CTSA-FUNDED TL1 PREDOCTORAL TRAINEES

Please fill out the items on all four worksheets in the attached Data Table/ excel spreadsheet: [Attachment: "Predoc_DataTable.xlsx"]

Once completed, please upload the spreadsheet here [upload link]

Other than abstracts, publications, and grants, what other outcomes or metrics do you use to evaluate your CTSA-funded TL1 Predoctoral trainees? List performance outcomes, surveys used, etc.

OTHER INFORMATION FOR CTSA-FUNDED TL1 PREDOCTORAL TRAINEES

List the PMID (and PMCID if available) for all publications by CTSA-funded TL1 Predoctoral trainees that have been reported in your TL1 RPPR during the last three years.

Please share any other comments about your CTSA-funded TL1 Predoctoral program that you think are important to capture, but were not included in this survey.

POSTDOCTORAL TL1 TRAINEES

GENERAL INFORMATION FOR CTSA-FUNDED POSTDOCTORAL TL1 TRAINEE SLOTS

How many CTSA-funded TL1 slots for Postdoctoral trainees are awarded to your program in your current grant year? _____

If any notes are needed to explain the number of awarded CTSA-funded slots, please use this space.

Do CTSA-funded TL1 Postdoctoral trainees have access to the same health insurance plans for family members at the same institutionally negotiated rates as employees?

- Yes No

How is the cost of health insurance coverage for the spouse and for children of the CTSA funded postdoctoral TL1 trainee paid?

- Trainee pays all
 Trainee pays reduced amount (subsidized by institution)
 Institution pays 100%

How often is the stipend level for CTSA-funded TL1 Postdoctoral trainees supplemented from nonfederal sources?

- Never Sometimes Often Always

How often does your institution provide additional travel funds for CTSA-funded TL1 Postdoctoral trainees?

- Never Sometimes Often Always

Have you ever used institutional funding to support additional slots for Postdoctoral trainees who are associated with your CTSA-funded TL1 Postdoctoral program?

- Yes No

The purpose of this question is to determine whether TL1 recipients are able to garner additional external funding during the remainder of their training.

How many of your CTSA-funded TL1 Postdoctoral trainees have received the following sources of support:

F32 _____
K99/R00 _____
K01 _____
Foundation _____
Research Grants _____
Other _____

ELIGIBILITY AND SELECTION PRACTICES FOR CTSA-FUNDED TL1 POSTDOCTORAL FELLOW SLOTS

What types of postdoctoral trainees are eligible for a CTSA-funded TL1 position? (Check all that apply)

- DDS
 DDS-PhD or DMD-PhD
 DPT
 DPT-PhD
 DVM
 DVM-PhD
 MD
 MD-PhD
 PhD
 PharmD
 PharmD-PhD
 Other Professional Degree-PhD Combined Degree

Please specify 'other' Professional Degrees PhD Combined Degree: _____

Which of the following schools/colleges/other CTSA partners currently participate in your CTSA-funded TL1 Postdoctoral program? (Check all that apply)

	Individuals from this unit are eligible to apply for a TL1 award	Individuals from this unit have applied for a TL1 award	Individuals from this unit have received a TL1 award
Medicine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dentistry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engineering	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nursing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pharmacy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Public Health	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Veterinary Medicine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Non-Health Sciences College (e.g., Arts & Sciences, Education, Social Sciences)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Non-University Research Institute	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please specify 'other': _____

On average, how many years of clinical or research training do your clinician trainees have after completing their terminal degree before entering your CTSA-funded TL1 Postdoctoral program?

- 0
- 1
- 2
- 3
- 4
- 5
- 6 or more
- We have no clinical TL1 postdoctoral trainees

On average, how many years of research training do your basic science trainees have after completing their terminal degree before entering your CTSA-funded TL1 Postdoctoral program?

- 0
- 1
- 2
- 3
- 4
- 5
- 6 or more
- We have no basic science TL1 postdoctoral trainees

Do you have a process for prescreening and/or preselection of CTSA-funded TL1 Postdoctoral applicants?

- Yes
- No

Please briefly describe: _____

How many formal applications for CTSA-funded TL1 Postdoctoral positions did your program receive in the past 12 months? _____

Indicate the importance of the following criteria in your current REVIEW process for individual CTSA-funded TL1 Postdoctoral awards.

	Essential/ Required	Very Important	Somewhat Important	Not Important
Potential health impact of proposed research and training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interdisciplinary focus of proposed research and training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Team science focus of proposed research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community impact of proposed research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Health disparities/equity impact of proposed research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Applicant's membership in a group underrepresented in the biomedical workforce (e.g., race, ethnicity, disability)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fit for a particular research mission (e.g., implementation science, cancer, drug development)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Additional factors that contribute to the overall merit of the application	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Please describe "Additional" or other factors.				

If your CTSA-funded TL1 Postdoctoral program has a focus on a particular research mission that impacts selection, please briefly describe.

When considering which applicants will RECEIVE a CTSA-funded TL1 Postdoctoral award in your program, what are the top four factors that influence your decision?

- Trainee publications
- Trainee presentations at national meetings
- Trainee awards
- Letters of recommendation
- Grades
- Proposed project
- Mentor research expertise
- Mentor funding
- Mentor experience providing research training
- Research training plan
- Diversity of scientific fields among TL1 cohort
- Diversity of individuals
- Other

Please specify 'other' selection factor: _____

	Essential/ Required	Very Important	Somewhat Important	Not Important
To what extent is the building of a cohort and the interaction of cohort members involved in the selection of CTSA-funded TL1 Postdoctoral trainees?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How important are the following criteria in your current SELECTION process when assembling your CTSA-Funded TL1 Postdoctoral cohort?

	Essential/ Required	Very Important	Somewhat Important	Not Important
Maximizing the diversity of the cohort with respect to stages of the translational research spectrum	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Maximizing the diversity of the cohort with respect to demographic factors (e.g., gender, race, ethnicity)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Maximizing the diversity of the cohort with respect to scientific discipline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please list any additional criteria you use in your selection of CTSA-Funded TL1 Postdoctoral trainees and/or the CTSA-Funded TL1 Postdoctoral cohort.

How important are the following factors in the makeup of the REVIEW COMMITTEE for your current CTSA-Funded TL1 Postdoctoral training program?

	Essential/ Required	Very Important	Somewhat Important	Not Important
Representation from your major CTSA partners and departments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Representation of research foci across the translational research spectrum	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diversity of the committee with respect to demographic factors (e.g., gender, race, ethnicity)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Subject matter experts who are not members of the selection committee	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Subject matter experts external to your CTSA	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Current or past TL1 trainees Current or past KL2 trainees	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Briefly describe any unique characteristics of the eligibility and selection practices for your CTSA-Funded TL1 Postdoctoral training program that have not been addressed by previous questions.

CTSA FUNDED TL1 PROGRAM APPROACH FOR POSTDOCTORAL TRAINING

What year did your CTSA-Funded TL1 Postdoctoral program start?

- 2015 2016 2017 2018

What is the usual duration of CTSA-Funded TL1 Postdoctoral training? (Select one)

- 1 Year 2 Years 3 Years Other

Please specify 'other' duration: _____

How often are formal academic credentials awarded to your CTSA-Funded TL1 Postdoctoral trainees upon completion of the program?

	Always	Often	Sometimes	Never	N/A
University-sanctioned CTS Certificate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CTS "minor" or emphasis area for PhD in a specific discipline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CTS "co-major" for PhD in a specific discipline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CTS PhD Degree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Graduate Masters Degree, e.g., MS or MPH	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other formal credential	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Describe 'other' formal credential and how sanctioned:

Which translational research phases does your CTSA-Funded TL1 Postdoctoral training program include? (Check all that apply) (NIH Research Phase definitions can be found here [link].)

- Basic
 Preclinical (T0)
 Clinical (T1-T2)
 Clinical Implementation (T3)
 Public Health (T4)

Which training opportunities are currently offered at your institution to CTSA-Funded TL1 Postdoctoral trainees? (please check all that apply)

	Not Available	Available, Optional	Available, Required
Didactic courses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
“Research In Progress” Seminars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Collaborative Team Research Projects	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interdisciplinary Mentoring Teams	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Scientific Manuscript Writing Skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Grant-Writing Skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mock Study Section	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Scientific Communication Skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Presentation Skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Team Science / Collaboration Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Leadership Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mentorship Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Professionalism Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Entrepreneurship Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Educator Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Service on TL1 Selection Committee	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Outside Seminar Speakers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Annual Research Day	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Annual Retreat	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community Engagement Activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Clinical Exposure / Experience	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Off-site/Off-campus Research Experience	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Career Exploration Internship / Externship (on or off campus)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Career Development/Planning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Please specify 'other' activity: _____			

Which subject areas are included in didactic coursework? (please check all that apply)

	Not Available	Available, Optional	Available, Required
Intro to / Overview of Clinical and Translational Research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Statistics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Informatics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
RCR / Research Ethics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Epidemiology / Public Health	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Study / Experimental Design	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Team Science / Collaboration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Journal Club / Paper Discussion	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Grant-Writing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Scientific Writing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community / Stakeholder Engagement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dissemination / Implementation Science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Scientific Communication Skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please specify 'other' didactic course: _____

How many CTSA-Funded TL1 Postdoctoral trainees in the current year are engaged in off-site clinical or translational research training experiences (e.g., externships that are supplemental to primary research projects)? _____

Briefly describe off-site training experiences.

What is the typical length of time (in weeks) of off-site clinical or translational research training experiences? _____ (Weeks)

Are your CTSA-Funded TL1 Postdoctoral trainees required to attend the annual ACTS meeting?

- Never Once Annually
-

What kind of activities do CTSA-Funded TL1 Postdoctoral trainees participate in after their funding ends, to keep them engaged in the program?

Indicate which, if any, of these program characteristics that have changed significantly since the inception of your CTSA-Funded TL1 Postdoctoral program? (Check all that apply.)

- No Changes
 Applicant Pool
 Program Goals
 Selection Criteria
 Selection Process
 Program Leadership
 Training Methods/Activities
 Other

Please specify 'other' program characteristics: _____

Of the changes noted in the previous question, briefly describe one or two of the most significant change(s) to your CTSA-Funded TL1 Postdoctoral program.

What challenges have you had in implementing your CTSA-Funded TL1 Postdoctoral program?

Briefly describe if and how training activities for CTSA-Funded TL1 Postdoctoral trainees are integrated with those of other TL1 trainees (e.g., predocs, short-term trainees, year-out professional students).

Briefly describe if and how training activities for CTSA-Funded TL1 Postdoctoral trainees are integrated with those of KL2 scholars.

Briefly describe if and how training activities for CTSA-Funded TL1 Postdoctoral trainees are integrated with those for other NIH-supported trainees (T, K, F).

Briefly describe any larger impact your CTSA-Funded TL1 Postdoctoral training program has had on your institution, e.g., leveraging other programs, shared program activities, institutional change, research environment.

Briefly describe any unique characteristics of the program approach for your CTSA-Funded TL1 Postdoctoral training program that have not been addressed by previous questions.

CTSA-FUNDED TL1 MENTORSHIP TRAINING APPROACH FOR POSTDOCTORAL TRAINING

What is the availability of a mentorship training program for the mentors of CTSA-funded TL1 Postdoctoral trainees?

- Not Available Available & Optional Available & Required
-

What is minimum required number of mentorship training hours for the mentors?

_____ (hours)

Briefly describe the format of the mentorship training for the mentors.

What is the availability of a mentorship training program (may include how to be a better mentee, how to be a mentor, and/or dual role) for CTSA-Funded TL1 Postdoctoral trainees?

- Not Available Available & Optional Available & Required
-

What is the minimum required number of mentorship training hours for CTSA-Funded TL1 postdoctoral trainees? _____

Briefly describe the format of the mentorship training for CTSA-Funded TL1 Postdoctoral trainees.

What is the minimum size of the CTSA-Funded TL1 Postdoctoral mentor team?

- 1 2 3 >3
-

What is the average size of the CTSA-Funded TL1 Postdoctoral mentor team?

- 1 2 3 >3
-

What is the typical or average frequency that each CTSA-Funded TL1 Postdoctoral trainee meets formally with the mentoring team?

- At least once per week
- At least once per month
- At least once per quarter
- At least once per 6 months
- At least once per year
- Other

Please specify 'other' meeting frequency: _____

What kind of Individual Development Plan (IDP) is currently required for each CTSA-Funded TL1 Postdoctoral trainee? (check all that apply)

- myIDP
- Campus-specific IDP
- Other

Please attach (or describe) your IDP template to elaborate on campus-specific or 'other' IDP:

Who contributes to the development of your CTSA-funded TL1 postdoctoral trainee IDPs? (Check all that apply)

- By trainee
- By mentor(s)
- By TL1 director(s)
- Not Applicable

How is a CTSA-Funded TL1 Postdoctoral trainee's IDP used by the TL1 program? (Check all that apply)

- Not used
- Metrics
- Milestones
- Measure progress
- Midcourse corrections
- Other

Please specify 'other' use of IDP: _____

NON-CTSA-FUNDED POSTDOCTORAL TRAINEES

Currently, do you have non-CTSA-funded postdoctoral trainees who get exactly the same training experience as the TL1-funded postdoctoral trainees?

- Yes
- No

What kind of academic credential is earned by non-CTSA-funded postdoctoral trainees?

- None
- Same as for CTSA-funded TL1 Postdoctoral trainees
- Other

Please specify 'other' credential: _____

How are Non-CTSA-funded Postdoctoral trainees funded? (Check all that apply)

- Institutional funds
- Research grants
- Other Training Grant(s), e.g., T32
- Individual Fellowship (F) Award(s)
- Other

Please specify 'other' funding source: _____

TRAINEE METRICS AND OUTCOMES FOR CTSA-FUNDED TL1 POSTDOCTORAL TRAINEES

Please fill out the items on all four worksheets in the attached Data Table/ excel spreadsheet: [Attachment: "Postdoc_DataTable.xlsx"]

Once completed, please upload the spreadsheet here: [link]

Other than abstracts, publications, and grants, what other outcomes or metrics do you use to evaluate your CTSA-funded TL1 postdoctoral trainees? List performance outcomes, surveys used, etc.

OTHER INFORMATION FOR CTSA-FUNDED TL1 POSTDOCTORAL TRAINEES

List the PMID (and PMCID if available) for all publications by CTSA-funded TL1 Postdoctoral trainees that have been reported in your TL1 RPPR during the last three years.

Please share any other comments about your CTSA-funded TL1 Postdoctoral program that you think are important to capture, but were not included in this survey.

SHORT-TERM TL1 TRAINEES

GENERAL INFORMATION FOR CTSA-FUNDED TL1 SHORT-TERM TRAINEE SLOTS

How many CTSA-funded TL1 slots for Short-term Trainees are awarded to your program in your current grant year? _____

If any notes are needed to explain the number of awarded CTSA-funded slots, please use this space.

What are the goals of your CTSA-funded short-term training program? (Check all that apply.)

- Provide alternative research experiences for trainees
- Provide alternative educational experiences for trainees
- Interest students in CT science
- Recruit under-represented-in-science individuals to CT Science
- Other

Please list 'other' goals: _____

What additional funds does your institution typically provide to your CTSA-funded TL1 short-term trainees? (Check all that apply.)

- None
- Research expenses
- Travel expenses
- Tuition expenses
- Insurance
- Other

Please list 'other' additional funds: _____

Have you ever used institutional funding to support additional slots for your CTSA-funded TL1 short-term program?

- Yes No

ELIGIBILITY AND SELECTION PRACTICES FOR CTSA-FUNDED TL1 SHORT-TERM TRAINING SLOTS

What types of students are eligible for a CTSA-funded short-term positions? (please check all that apply)

- DDS
- DDS-PhD or DMD-PhD
- DPT
- DPT-PhD
- DVM
- DVM-PhD
- MD
- MD-PhD
- PhD
- PharmD-PhD
- PharmD
- Other Professional Degree-Master's Combined Degree
- Other Professional Degree-PhD Combined Degree
- Other

Please specify any 'other' eligible student types: _____

How are students in your CTSA-funded TL1 short-term training program recruited? (Check all that apply)

- Internal to our institution External to our institution

**Which of the following schools/colleges/other CTSA partners currently participate in your CTSA-funded TL1 short-term program?
Check all that apply.**

	Individuals from this unit are eligible to apply for a TL1 award	Individuals from this unit have applied for a TL1 award	Individuals from this unit have received a TL1 award
Medicine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dentistry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engineering	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nursing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pharmacy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Public Health	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Veterinary Medicine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Non-Health Sciences College (e.g., Arts & Sciences, Education, Social Sciences)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Non-University Research Institute	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please specify 'other': _____

Do you have a process for prescreening and/or preselection of CTSA-funded TL1 short-term training applicants?

- Yes No

Please briefly describe this process.

How many formal applications for CTSA-funded TL1 short-term positions did your program receive in the past 12 months? _____

Indicate the importance of the following criteria in your current REVIEW process for individual CTSA-funded TL1 short-term trainee awards.

	Essential/Required	Very Important	Somewhat Important	Not Important
Level of education already achieved	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Potential health impact of proposed research and training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interdisciplinary focus of proposed research and training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Team science focus of proposed research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community impact of proposed research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Health disparities/equity impact of proposed research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Applicant's membership in a group underrepresented in the biomedical workforce (e.g., race, ethnicity, disability)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fit for a particular research mission (e.g., implementation science, cancer, drug development)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fit for a particular mentor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Demonstrated commitment to research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Grade transcripts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Additional factors that contribute to the overall merit of the application	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please describe 'Additional' or other factors: _____

If you selected level of education, please indicate:

- Undergraduate degree
 Master's degree
 PhD degree
 Professional degree
 Other

Please describe 'Other' level of education: _____

If your CTSA-funded TL1 short-term program has a focus on a particular research mission that impacts selection, please briefly describe.

When considering which applicants will RECEIVE a CTSA-funded TL1 Short-Term award in your program, what are the top four factors that influence your decision?

- Trainee publications
- Trainee publications at national meetings
- Trainee awards
- Letters of recommendation
- Grades
- Proposed project
- Mentor research expertise
- Mentor funding
- Mentor experience providing research training
- Research training plan
- Diversity of scientific fields among TL1 cohort
- Diversity of individuals
- Other

Please specify 'other' selection factor: _____

	Essential/ Required	Very Important	Somewhat Important	Not Important
To what extent is the building of a cohort and the interaction of cohort members involved in the selection of CTSA-funded TL1 Short-Term trainees?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How important are the following criteria in your current selection process when putting together the CTSA-funded TL1 short-term cohort?

	Essential/ Required	Very Important	Somewhat Important	Not Important
Maximizing the diversity of the cohort with respect to stages of the translational research spectrum	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Maximizing the diversity of the cohort with respect to demographic factors (e.g., gender, race, ethnicity)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Maximizing the diversity of the cohort with respect to scientific discipline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please list any additional criteria you use in your selection of CTSA-funded TL1 short-term trainees and/or the CTSA-funded TL1 short-term cohort.

How important are the following factors in the makeup of the review committee for your current CTSA-funded TL1 short-term training program?

	Essential/ Required	Very Important	Somewhat Important	Not Important
Representation from your major CTSA partners and departments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Representation of research foci across the translational research spectrum	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diversity of the committee with respect to demographic factors (e.g., gender, race, ethnicity)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Subject matter experts who are not members of the selection committee	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Subject matter experts external to your CTSA	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Current or past TL1 trainees Current or past KL2 trainees	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Briefly describe any unique characteristics of the eligibility and selection practices for your CTSA-funded TL1 short-term training program that have not been addressed by previous questions.

CTSA-FUNDED PROGRAM APPROACH FOR TL1 SHORT-TERM TRAINING

What year did your CTSA-funded TL1 short-term training program first start?

- 2006 2011 2016

- 2007
- 2008
- 2009
- 2010
- 2012
- 2013
- 2014
- 2015
- 2017
- 2018

What is the usual duration of CTSA-funded TL1 short-term training?

- Intermittent
- Less than 1 month
- 1-3 months
- Other

How often are formal credentials awarded to your CTSA-funded TL1 short-term trainees upon completion of the program?

	Always	Often	Sometimes	Never	N/A
University-sanctioned CTS Certificate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other formal credential	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Please specify 'other' formal credential and how it is achieved. _____					

Which translational research phases does your CTSA-funded TL1 short-term training program include? (Check all that apply) (NIH Research Phase definitions can be found [here](#).) [link]

- Basic
- Preclinical (T0)
- Clinical (T1-T2)
- Clinical Implementation (T3)
- Public Health (T4)

Which training opportunities are currently offered at your institution to CTSA-Funded TL1 Short-term trainees (please check all that apply) ?

	Not Available	Available, Optional	Available, Required
Didactic courses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
“Research In Progress” Seminars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Collaborative Team Research Projects	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interdisciplinary Mentoring Teams	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Scientific Manuscript Writing Skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Grant-Writing Skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mock Study Section	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Scientific Communication Skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Presentation Skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Team Science / Collaboration Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Leadership Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mentorship Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Professionalism Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Entrepreneurship Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Educator Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Service on TL1 Selection Committee	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Outside Seminar Speakers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Annual Research Day	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Annual Retreat	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community Engagement Activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Clinical Exposure / Experience	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Off-site/Off-campus Research Experience	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Career Exploration Internship / Externship (on or off campus)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Career Development/Planning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Please specify 'Other' activity: _____			

Which subject areas are included in didactic coursework? (Check all that apply)

	Not Available	Available, Optional	Available, Required
Intro to / Overview of Clinical and Translational Research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Statistics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Informatics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
RCR / Research Ethics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Epidemiology / Public Health	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Study / Experimental Design	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Team Science / Collaboration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Journal Club / Paper Discussion	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Grant-Writing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Scientific Writing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community / Stakeholder Engagement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dissemination / Implementation Science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Scientific Communication Skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please specify 'other' didactic course: _____

How many CTSA-funded TL1 Short-term trainees in the current year are engaged in off-site clinical or translational research training experiences (e.g., externships that are supplemental to primary research projects)? _____

Briefly describe off-site training experiences.

What is the typical length of time (in weeks) of off-site clinical or translational research training experiences? _____ (weeks)

Are your CTSA-funded TL1 short-term trainees required to attend the annual ACTS meeting?
 Never Once Annually

What kind of activities do CTSA-funded TL1 short-term trainees participate in after their funding ends, to keep them engaged in the program?

Indicate which, if any, of these program characteristics have changed significantly since the inception of your CTSA-funded TL1 short-term program? (Check all that apply.)

- No Changes
- Applicant Pool
- Program Goals
- Selection Criteria
- Selection Process
- Program Leadership
- Training Methods/Activities
- Other

Please specify 'Other' program characteristics: _____

Of the changes noted in the previous question, briefly describe one or two of the most significant changes to your CTSA-funded TL- short-term training program.

What challenges have you had in implementing your CTSA-funded TL1 short-term training program?

Briefly describe if and how training activities for CTSA-funded TL1 short-term Trainees are integrated with those for other TL1 trainees (e.g., postdocs, predocs, year-out professional students).

Briefly describe if and how training activities for CTSA-funded TL1 short-term Trainees are integrated with those of KL2 Scholars.

Briefly describe if and how training activities for CTSA-funded TL1 short-term Trainees are integrated with those for other NIH-supported trainees (T, K, F).

Briefly describe any larger impact your CTSA-funded TL1 short-term training program has had on your institution, e.g., leveraging other programs, shared program activities, institutional change, research environment.

Briefly describe any unique characteristics of the program approach for your CTSA-funded TL1 short-term training program that have not been addressed by previous questions.

CTSA-FUNDED MENTORSHIP TRAINING APPROACH FOR TL1 SHORT-TERM TRAINING

What is the availability of a mentorship training program for the mentors of CTSA-funded TL1 short-term trainees?

- Not Available Available & Optional Available & Required

What is minimum required number of mentorship training hours for the mentors?

_____ (hours)

Briefly describe the format of the mentorship training for the mentors.

What is the availability of a mentorship training program (may include how to be a better mentee, how to be a mentor, and/or dual role) for CTSA-Funded TL1 short-term trainees?

- Not Available Available & Optional Available & Required

What is the minimum required number of mentorship training hours for CTSA-funded TL1 short-term trainees?

_____ (hours)

Briefly describe the format of the mentorship training for CTSA-funded TL1 short-term trainees.

What is the minimum size of the CTSA-funded TL1 short-term mentor team?

- 1 2 3 >3

What is the average size of the CTSA-funded TL1 short-term mentor team?

- 1 2 3 >3

What is the typical or average frequency each CTSA-funded TL1 short-term trainee meets formally with the mentoring team?

- At least once per week
 At least once per month
 At least once during the experience
 Other

Please Specify 'Other' frequency: _____

Is an Individual Development Plan (IDP) required for CTSA-funded TL1 short-term trainees?

- Yes No

What kind of IDP is currently required for each CTSA-funded TL1 short-term trainee? (Check all that apply)

- myIDP Campus-specific IDP Other

Please attach (or describe) your IDP template to elaborate on campus-specific or 'other' IDP:

Who contributes to the development of your CTSA-funded TL1 short-term trainee IDPs? (Check all that apply)

- By trainee By mentor(s) By TL1 director(s) Not Applicable

How is a CTSA-funded short-term trainee's IDP used by the TL1 program? (Check all that apply)

- Not used
Metrics
Milestones
Measure progress
Midcourse corrections
Other

Please specify 'other' use of IDP: _____

NON-CTSA-FUNDED SHORT-TERM TRAINEES

Currently, do you have non-CTSA-funded short-term trainees who get exactly the same training experience as the CTSA-funded TL1 short-term trainees?

- Yes No

What kind of academic credential is earned by non-CTSA-funded short-term trainees?

- None Same as for CTSA-funded TL1 Postdoctoral trainees Other

Please briefly describe 'other' credential:

How are Non-CTSA-funded short-term trainees funded? (Check all that apply)

- Institutional funds
- Research grants
- Other Training Grant(s), e.g., T32
- Other

Please specify 'other' funding source: _____

TRAINEE METRICS AND OUTCOMES FOR CTSA-FUNDED TL1 SHORT-TERM TRAINING

Please fill out the items on all four worksheets in the attached Data Table/ excel spreadsheet: [Attachment: "ShortTerm_DataTable.xlsx"]

Once completed, please upload the spreadsheet here: [link]

What other outcomes or metrics do you use to evaluate your CTSA-funded TL1 short-term trainees? List performance outcomes, surveys used, etc.

For how long do you follow your CTSA-funded TL1 short-term trainees after supporting them?

How do you maintain subsequent contact for determining outcome? (Check all that apply)

- Mail
- Email
- Social Media
- Web site
- Telephone follow-up
- Google or PubMed search
- Other

Please specify 'Other' method of contact: _____

Of all CTSA-funded TL1 short-term trainees since the inception of your program who are beyond further training, how many are currently employed in CT Science? Note that this can involve enrolling subjects, working in a laboratory, academic, industry or government work.

OTHER INFORMATION FOR CTSA-FUNDED SHORT-TERM TRAINEES

List the PMID (and PMCID if available) for all publications by CTSA-funded TL1 short-term trainees that have been reported in your TL1 RPPR during the last three years.

Please share any other comments about your CTSA-funded TL1 short-term program that you think are important to capture, but were not included in this survey.

PROFESSIONAL STUDENT YEAR-OUT TL1 TRAINEES

GENERAL INFORMATION FOR CTSA-FUNDED TL1 YEAR-OUT TRAINEE SLOTS

How many CTSA-funded TL1 slots for Predoc - Professional Students Year-Out Program are awarded to your program in your current grant year? _____

If any notes are needed to explain the number of awarded CTSA-funded slots, please use this space.

Do CTSA-funded TL1 Professional Students Year-Out trainees have access to the same health insurance plans for family members at the same institutionally negotiated rates as employees?
 Yes No

How is the cost of health insurance coverage for the spouse and for children of the CTSA funded Professional Students Year-Out paid?
 Trainee pays all
 Trainee pays reduced amount (subsidized by institution)
 Institution pays 100%

How often is the stipend level for CTSA-funded TL1 Professional Students Year-Out trainees supplemented from nonfederal sources?
 Never Sometimes Often Always

How often does your institution provide additional travel funds for CTSA-funded TL1 Professional Students Year-Out trainees?
 Never Sometimes Often Always

Have you ever used institutional funding to support additional slots for your CTSA-funded TL1 Professional Students Year-Out program?
 Yes No

ELIGIBILITY AND SELECTION PRACTICES FOR CTSA-FUNDED YEAR-OUT FELLOW SLOTS

What types of CTSA-funded TL1 Professional Students Year-Out students are eligible for a TL1 position? (please check all that apply)

- Dental Students
- Engineering Students
- Health Science Graduate Students
- Medical Students
- Non-Health Science Graduate Students
- Nursing Students
- Pharmacy Students
- Physical or Occupational Therapy Students
- Physician Assistant Students
- Veterinary Students
- Other Professional Students
- Other

Please specify 'Other' eligible student types: _____

Which of the following schools/colleges/other CTSA partners currently participate in your CTSA-funded TL1 Professional Students Year-Out program? (Check all that apply.)

	Individuals from this unit are eligible to apply for a TL1 award	Individuals from this unit have applied for a TL1 award	Individuals from this unit have received a TL1 award
Medicine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dentistry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engineering	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nursing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pharmacy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Public Health	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Veterinary Medicine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Non-Health Sciences College (e.g., Arts & Sciences, Education, Social Sciences)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Non-University Research Institute	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please specify 'Other' CTSA partner: _____

Do you have a process for prescreening and/or preselection of applicants?

- Yes No

Please briefly describe this process.

How many formal applications for CTSA-funded TL1 Professional Students Year-Out positions did your program receive in the past 12 months? _____

Indicate the importance of the following criteria in your current REVIEW process for individual CTSA-funded TL1 Professional Students Year-Out awards.

	Essential/ Required	Very Important	Somewhat Important	Not Important
Potential health impact of proposed research and training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interdisciplinary focus of proposed research and training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Team science focus of proposed research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community impact of proposed research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Health disparities/equity impact of proposed research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Applicant's membership in a group underrepresented in the biomedical workforce (e.g., race, ethnicity, disability)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fit for a particular research mission (e.g., implementation science, cancer, drug development)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Additional factors that contribute to the overall merit of the application	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please describe "Additional" or Other factors: _____

If your CTSA-funded TL1 Professional Students Year-Out program has a focus on a particular research mission that impacts selection, please briefly describe.

Select the top four selection factors for choosing who to award a CTSA-funded TL1 Professional Students Year-Out slot.

- Trainee publications
- Trainee presentations at national meetings
- Trainee awards
- Letters of recommendation
- Grades
- Proposed project
- Mentor research expertise
- Mentor funding
- Mentor experience providing research training
- Research training plan
- Diversity of scientific fields among TL1 cohort
- Diversity of individuals
- Other

Please specify 'Other' criteria: _____

	Essential/ Required	Very Important	Somewhat Important	Not Important
To what extent is the building of a cohort and the interaction of cohort members involved in the selection of CTSA-funded TL1 Year-Out trainees?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How important are the following criteria in your current selection process when putting together the CTSA-funded TL1 year-out cohort?

	Essential/ Required	Very Important	Somewhat Important	Not Important
Maximizing the diversity of the cohort with respect to stages of the translational research spectrum	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Maximizing the diversity of the cohort with respect to demographic factors (e.g., gender, race, ethnicity)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Maximizing the diversity of the cohort with respect to scientific discipline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please list any additional criteria you use in your selection of CTSA-funded TL1 Professional Students Year-Out trainees and/or the CTSA-funded TL1 Professional Students Year-Out cohort.

How important are the following factors in the makeup of the review committee for your current CTSA-funded TL1 Professional Students Year-Out training program?

	Essential/ Required	Very Important	Somewhat Important	Not Important
Representation from your major CTSA partners and departments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Representation of research foci across the translational research spectrum	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diversity of the committee with respect to demographic factors (e.g., gender, race, ethnicity)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Subject matter experts who are not members of the selection committee	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Subject matter experts external to your CTSA	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Current or past TL1 trainees Current or past KL2 trainees	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Briefly describe any unique characteristics of the eligibility and selection practices for your CTSA-funded TL1 Professional Students Year-Out training program that have not been addressed by previous questions.

CTSA-FUNDED TL1 PROGRAM APPROACH FOR YEAR-OUT TRAINING

What year did your CTSA-funded TL1 Professional Students Year-Out program first start?

- | | | |
|----------------------------|----------------------------|----------------------------|
| <input type="radio"/> 2006 | <input type="radio"/> 2011 | <input type="radio"/> 2016 |
| <input type="radio"/> 2007 | <input type="radio"/> 2012 | <input type="radio"/> 2017 |
| <input type="radio"/> 2008 | <input type="radio"/> 2013 | <input type="radio"/> 2018 |
| <input type="radio"/> 2009 | <input type="radio"/> 2014 | |
| <input type="radio"/> 2010 | <input type="radio"/> 2015 | |

What is the usual duration of CTSA-funded TL1 Professional Students Year-Out training?

- 1 Year 2 Years 3 Years Other

Please specify 'Other' usual duration: _____

In which programs are your trainees enrolled during the CTSA-funded TL1 Professional Students Year-Out?

- Programs in Public Health or related fields
- Programs in Clinical Research or related fields
- Programs in Translational Science
- Programs in a Basic Science Discipline
- Programs in biomedical informatics or related fields
- Other

Please specify 'Other' program: _____

How often are formal academic credentials awarded to your CTSA-funded TL1 Professional Students Year-Out trainees upon completion of the program?

	Always	Often	Sometimes	Never	N/A
Graduate Masters Degree, e.g., MS or MPH	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
University-sanctioned CTS Certificate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other formal credential	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Please specify 'Other' formal credential: _____					

Which translational research phases does your CTSA-funded TL1 Professional Students Year-Out training program include? (Check all that apply) (NIH Research Phase definitions can be found here.) [link]

- Basic
- Preclinical (T0)
- Clinical (T1-T2)
- Clinical Implementation (T3)
- Public Health (T4)

Which training opportunities are currently offered at your institution to CTSA-funded TL1 Professional Students Year-Out trainees?

(Please check all that apply)

	Not Available	Available, Optional	Available, Required
Didactic courses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
“Research In Progress” Seminars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Collaborative Team Research Projects	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interdisciplinary Mentoring Teams	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Scientific Manuscript Writing Skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Grant-Writing Skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mock Study Section	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Scientific Communication Skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Presentation Skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Team Science / Collaboration Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Leadership Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mentorship Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Professionalism Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Entrepreneurship Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Educator Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Service on TL1 Selection Committee	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Outside Seminar Speakers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Annual Research Day	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Annual Retreat	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community Engagement Activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Clinical Exposure / Experience	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Off-site/Off-campus Research Experience	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Career Exploration Internship / Externship (on or off campus)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Career Development/Planning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Please specify 'Other' activity: _____			

Which subject areas are included in didactic coursework? (Check all that apply)

	Not Available	Available, Optional	Available, Required
Intro to / Overview of Clinical and Translational Research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Statistics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Informatics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
RCR / Research Ethics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Epidemiology / Public Health	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Study / Experimental Design	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Team Science / Collaboration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Journal Club / Paper Discussion	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Grant-Writing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Scientific Writing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community / Stakeholder Engagement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Dissemination / Implementation Science
 Scientific Communication Skills
 Other
 Please specify 'other' didactic course: _____

How many CTSA-funded TL1 Professional Students Year-Out trainees in the current year are engaged in off-site clinical or translational research training experiences (e.g., externships that are supplemental to primary research projects)? _____

Briefly describe off-site training experiences:

What is the typical length of time (in weeks) of off-site clinical or translational research training experiences? _____ (weeks)

Are your CTSA-funded TL1 Professional Students Year-Out trainees required to attend the annual ACTS meeting?
 Never Once Annually

What kind of activities do CTSA-funded TL1 Professional Students Year-Out trainees participate in after their funding ends, to keep them engaged in the program?

Indicate which, if any, of these program characteristics has changed significantly since the inception of your CTSA-funded TL1 Professional Students Year-Out program? (Check all that apply)

- No Changes
- Applicant Pool
- Program Goals
- Selection Criteria
- Selection Process
- Program Leadership
- Training Methods/Activities
- Other

Please specify 'Other' program characteristics: _____

Of the changes noted in the previous question, briefly describe one or two of the most significant change(s) to your CTSA-funded TL1 Professional Students Year-Out program.

What challenges have you had in implementing your CTSA-funded TL1 Professional Students Year-Out program?

Briefly describe if and how training activities for CTSA-funded TL1 Professional Students Year-Out Trainees are integrated with those for other TL1 trainees (e.g., predocs, postdocs, short-term trainees)

Briefly describe if and how training activities for CTSA-funded TL1 Professional Students Year-Out Trainees are integrated with those of KL2 Scholars.

Briefly describe if and how training activities for CTSA-funded TL1 Professional Students Year-Out Trainees are integrated with those for other NIH-supported trainees (T, K, F).

Briefly describe any larger impact your CTSA-funded TL1 Professional Students Year-Out training program has had on your institution, e.g., leveraging other programs, shared program activities, institutional change, research environment.

Briefly describe any unique characteristics of the program approach for your CTSA-funded TL1 Professional Students Year-Out training program that have not been addressed by previous questions.

CTSA-FUNDED MENTORSHIP TRAINING APPROACH FOR YEAR-OUT TRAINING

What is the availability of a mentorship training program for the mentors of CTSA-funded TL1 Professional Students Year-Out trainees?

- Not Available Available & Optional Available & Required

What is minimum required number of mentorship training hours for the mentors?
 _____ (hours)

Briefly describe the format of the mentorship training for the mentors.

What is the availability of a mentorship training program (may include how to be a better mentee, how to be a mentor, and/or dual role) for CTSA-Funded TL1 Professional Students Year-Out trainees?

- Not Available Available & Optional Available & Required
-

What is the minimum required number of mentorship training hours for CTSA-funded TL1 Professional Students Year-Out trainees?

_____ (hours)

Briefly describe the format of the mentorship training for CTSA-funded TL1 Professional Students Year-Out trainees.

What is the minimum size of the CTSA-funded TL1 Professional Students Year-Out mentor team?

- 1 2 3 >3
-

What is the average size of the CTSA-funded TL1 Professional Students Year-Out mentor team?

- 1 2 3 >3
-

What is the typical or average frequency each CTSA-funded TL1 Professional Students Year-Out trainee meets formally with the mentoring team?

- At least once per week
 At least once per month
 At least once during the experience
 Other

Please Specify 'Other' frequency: _____

Is an Individual Development Plan (IDP) required for CTSA-funded TL1 Professional Students Year-Out trainees?

- Yes No
-

What kind of IDP is currently required for each CTSA-funded TL1 Professional Students Year-Out trainee? (Check all that apply)

- myIDP Campus-specific IDP Other
-

Please attach (or describe) your IDP template to elaborate on campus-specific or 'other' IDP:

Who contributes to the development of your CTSA-funded TL1 Professional Students Year-Out trainee IDPs? (Check all that apply)

- By trainee By mentor(s) By TL1 director(s) Not Applicable
-

How is a CTSA-funded Professional Students Year-Out trainee's IDP used by the TL1 program? (Check all that apply)

- Not used
 Metrics
 Milestones
 Measure progress
 Midcourse corrections
 Other

Please describe 'Other' use: _____

NON-CTSA-FUNDED YEAR-OUT TRAINEES

Currently, do you have non-CTSA-funded year-out trainees who get exactly the same training experience as the CTSA-funded TL1 Professional Students Year-Out trainees?

- Yes No
-

What kind of academic credential is earned by non-CTSA-funded year-out trainees?

- None Same as for CTSA-funded TL1 Postdoctoral trainees Other
-

Please describe 'Other' academic credential: _____

How are non-CTSA-funded year-out trainees funded? (Check all that apply)

- Institutional funds
- Research grants
- Medical Scientist Training Program (MSTP) Training Grant
- Other Training Grant(s), e.g., T32
- Individual Fellowship (F) Award(s)
- Other

Please describe 'Other' funding source: _____

TRAINEE METRICS AND OUTCOMES FOR CTSA-FUNDED TL1 YEAR-OUT TRAINEES

Other than abstracts, publications, and grants, what other outcomes or metrics do you use to evaluate your CTSA-funded TL1 Professional Students Year-Out trainees? List performance outcomes, surveys used, etc.

Please fill out the items on all four worksheets in the attached Data Table/ excel spreadsheet: [Attachment: "YearOut_DataTable.xlsx"]

Upload Excel file below: [link]

List the PMID (and PMCID if available) for all publications by CTSA-funded TL1 Professional Students Year-Out trainees that have been reported in your TL1 RPPR during the last three years.

Please share any other comments about your CTSA-funded TL1 Professional Students Year-Out program that you think are important to capture, but were not included in this survey.