

3/11/2016

**CTSA Common Metric (CM) Operational Guidelines
Sustainable Careers in Clinical and Translational Research**

Template Element	Description
1. Operationalized Metric Title	Sustainable careers in clinical and translational research
2. Common Function Group	Workforce Development
3. Common Sub-function	Pre/early career education in clinical and translational research
4. Operational Specification	The percent of graduates of TL1 and KL2 programs, respectively, who are currently engaged in research.
5. Technical Description (include key definitions, timeframe, data scope)	<p><u>Definitions</u></p> <ul style="list-style-type: none"> • Percent TL1 graduates = (# TL1 graduates involved in research/Total # TL1 graduates) *100 • Percent KL2 graduates = (# KL2 graduates involved in research/Total # KL2 graduates) *100 • A <i>graduate</i> is any person who has completed the TL1 or the KL2 training program requirements since the inception of the CTSA hub. • The TL1 program is also known as the National Research Service Award (NRSA) Training Core. • The KL2 program is also known as the Institutional Career Development Core. • <i>Engaged in research</i> is defined as an investigator currently involved in research. <p><u>Timeframe</u></p> <p>This metric will be collected annually and is cumulative for all TL1 and KL2 graduates beginning January, 2012.*</p>

Template Element	Description
	<p><u>Data Scope</u> All graduates of the TL1 and KL2 programs, respectively. TL1 would be reported separately from KL2. Graduates for whom data cannot be obtained would not be included in the numerator (# graduates involved in research) or the denominator (Total # graduates).</p>
<p>6. Data Sources, Method of Data Collection, Exclusion Criteria</p>	<p><u>Data sources</u> Possible data sources:</p> <ol style="list-style-type: none"> 1. Current (i.e. reporting) year CVs of graduates. 2. Survey. 3. Institutional Effort Reporting data system. 4. NIH Reporter. <p><u>Method of Data Collection</u></p> <ol style="list-style-type: none"> 1. Manual effort reading CVs. May require back-up data collection via internet searches and/or contacting former trainees. 2. Survey (e.g. Graduate Tracking Survey System or “GTSS” developed by Rockefeller Univ.) or survey developed in-house at CTSA Hub. Rarely get 100% participation in a survey, thus making data a sample only. 3. Institutional Effort Reporting data system. This will be available only on graduates who are still located at the CTSA hub. 4. NIH RePorter only reports PIs and not Co-Is, so it cannot be the sole source of information for NIH grants, particularly for team science, where involvement may be as team member but not as PI. <p><u>Exclusion Criteria</u> Trainees and scholars who are still in training or who have left the program without completing the full training program requirements are excluded.</p>

Template Element	Description
7. Frequency of data collection and Reporting	Data are collected annually and reported annually for a hub.
8. Unit of Analysis	Data will be collected within each hub separately for the TL1 program and the KL2 program annually for each CTSA hub.
9. Scoring	Metric is % (range 0-100%) of graduates and is reported annually.
10. Notes/Comments	<p data-bbox="680 542 1297 574"><i>Engaged in research</i> may refer to the following:</p> <ul data-bbox="730 591 1772 818" style="list-style-type: none"> <li data-bbox="730 591 1646 623">• Academia: PI, Co-PI or Co-I on a funded grant involving CT research <li data-bbox="730 630 1751 704">• Academia: If not actively funded, then actively involved in grant writing/re-submitting/reviewing (study section service) in CT research <li data-bbox="730 711 1772 786">• Clinical: If a clinician, involved as key personnel in clinical trial(s) or site-PI for industry-sponsored clinical trials <li data-bbox="730 792 1436 818">• Industry: involved in directing CTS research projects <p data-bbox="680 867 1688 899">*If your hub was funded later than this date, the beginning date is as of funding date.</p>