

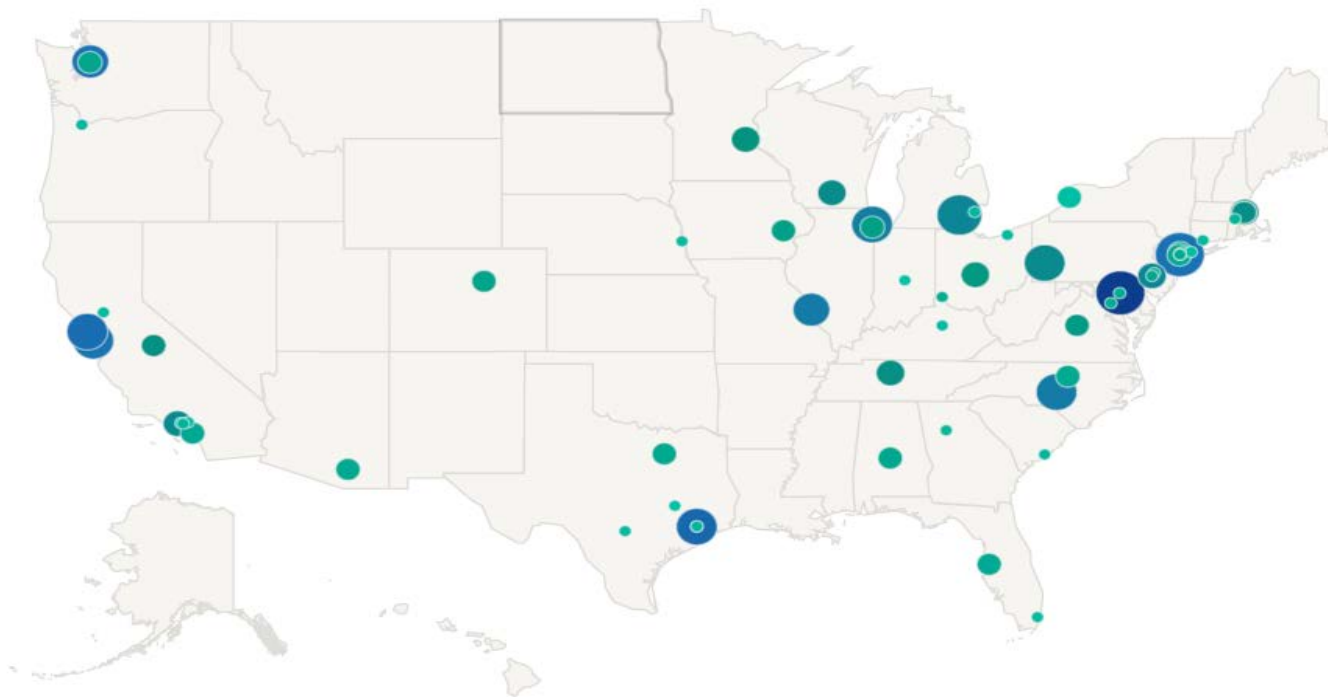
# NCI T32 Program: What Is New?

Ming Lei, Susan Lim, and Susan Perkins

CABTRAC '16

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# NCI Funds T32 Training Programs Across the Nation



**FY'16: 144 Awards @ 65 Institutions**

## NCI T32 Awards: A Relatively Stable State

	2012	2013	2014	2015	2016
T32 Awards	152	136	144	145	144
T32 Trainees	1043	920	935	906	902
Totals Cost (in millions)	\$52	\$47	\$49	\$47	\$49

**Average Size: 6.9 trainees; Average Budget: \$356K**

# T32 applications, Awards and % Success Rate

	2012	2013	2014	2015	2016
Overall	23/64 - 36%	21/69 - 30%	28/61 - 46%	29/69 - 42%	45/77 - 58%
New	2/19 - 10%	4/16 - 25%	6/18 - 33%	9/23 - 39%	8/24 - 33%
Renewal	21/45 - 47%	17/53 - 32%	22/43 - 58%	20/46 - 43%	37/53 - 70%

# NCI Staff Managing the T32 Program

**Program Directors:** your go-to people pre- and post-submission

Susan Lim, Ph.D

Susan Perkins, Ph.D

**Program Specialist:** reviews trainee forms

Karen Tolson

**Scientific Review Officer:** manages the NCI-F subcommittee

Tim Meeker, MD

# What is New/Changing?

- **Postdoc stipend increase**
- **Changes in the Training Tables**
- **Rigor and Transparency**
- **T32 Portfolio expansion**
- **Changes in the T32 review environment**
- **Changes in the review committee's scientific expertise**

# Projected Postdoctoral Stipend levels for FY2017

Years of Experience	Stipend for FY 2016	Projected Stipend for FY 2017	Monthly Stipend
0	<b>\$43,692</b>	<b>\$47,484</b>	\$3,957
1	<b>\$45,444</b>	<b>\$47,844</b>	\$3,987
2	<b>\$47,268</b>	<b>\$48,216</b>	\$4,018
3	\$49,152	\$50,316	\$4,193
4	\$51,120	\$52,140	\$4,345
5	\$53,160	\$54,228	\$4,519
6	\$55,296	\$56,400	\$4,700
7 or More	\$57,504	\$58,560	\$4,880

# Training Table Changes

- **Reduced the number of tables from 12 to 8.**
- **Extended the tracking of trainee outcomes from 10 to 15 years.**
- **NIH's [xTRACT](#) system to help applicants prepare the new tables has been available since October 16, 2015. See [NOT-OD-16-007](#).**

## **xTRACT: Extramural Trainee Career Tracking system**

NIH electronic system for creating training data tables: Pre-populate tables using data from existing database



# Requiring Rigor and Transparency Section-coming soon

## Enhancing Reproducibility through Rigor and Transparency

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-16-034.html>

**Scientific rigor is the strict application of the scientific method** to ensure robust and unbiased experimental design, methodology, analysis, interpretation and reporting of results. This includes full transparency in reporting experimental details so that others may reproduce and extend the findings.

- These new instructions and revised review criteria will focus on four areas deemed important for enhancing rigor and transparency:
  - 1) the scientific premise of the proposed research,
  - 2) rigorous experimental design for robust and unbiased results,
  - 3) consideration of relevant biological variables, and
  - 4) authentication of key biological and/or chemical resources.

# Changes in T32 Portfolio: Integrating Two R25 T Programs

- An NCI R25T program that supported 38 training grants in cancer prevention, control, behavioral, and population sciences has been merging into the T32 program since FY'15.
- In FY'15 and '16, 10 of them submitted T32 applications. 9 out of the 10 have been converted to T32 awards.
- 6 applications are currently pending review and 15 more may apply as T32s when their current R25T awards expires.
- Another NCI R25T program with 6 training grants in Nano-technology has been merging into the T32 program since FY'15.
- All 6 applied as T32s, and one of them has been awarded.

# Changes in T32 Review Environment

- The NCI-F used to review T32s, K12s, and K99/R00s.
- Since a reorganization in 2012, the committee has been reviewing T32s, K12s, and R25s.
- K99/R00s are individual transition awards. A K99/R00 application includes a detailed research proposal.
- R25s are institutional education awards that support educational activities complementing and/or enhancing the training of the research workforce.

# Changes in the Review Committee's Scientific Expertise

	<b>NCI-F 2011</b> (26 T32, 44 K99)	<b>NCI-F 2016</b> (24 T32/K12, 29 R25)
<b>Expertise/background</b>	<b># reviewers</b>	<b># reviewers</b>
<b>Basic</b>	<b>23</b>	<b>16</b>
<b>Biostatistics</b>	<b>1</b>	<b>2</b>
<b>Clinical</b>	<b>6</b>	<b>8</b>
<b>Pop Sci/cancer control</b>	<b>3</b>	<b>8</b>
	<b>33</b>	<b>34</b>

# How Would The Changes Affect T32 Programs/Applications?

- NCI is likely to provide supplemental funds to cover the cost for stipend increase.
- The stipend increase is unlikely to lead to a reduction in the # of slots.
- Pay attention to and follow instructions for all other policy/administrative changes
- The review committee has a broader representation of cancer research disciplines and reviews only institutional training/education grant applications, thus may pay more attention to program-centric mentoring, training, and career development activities.

# Good Places to Go for Detailed Information

**NCI T32 home page:**

<http://www.cancer.gov/grants-training/training/funding/T32>

**NIH grant policy:**

[http://grants.nih.gov/grants/policy/nihgps/HTML5/section\\_11/11.3\\_institutional\\_research\\_training\\_grants.htm](http://grants.nih.gov/grants/policy/nihgps/HTML5/section_11/11.3_institutional_research_training_grants.htm)

**NRSA F&Q:** [http://grants.nih.gov/training/faq\\_training.htm#1259](http://grants.nih.gov/training/faq_training.htm#1259)

**xTrain:** [http://era.nih.gov/era\\_training/xtrain.cfm](http://era.nih.gov/era_training/xtrain.cfm)