

# Awards to Support Mentored Early Career Cancer Researchers

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DCB New Grantee Workshop  
January 9, 2025

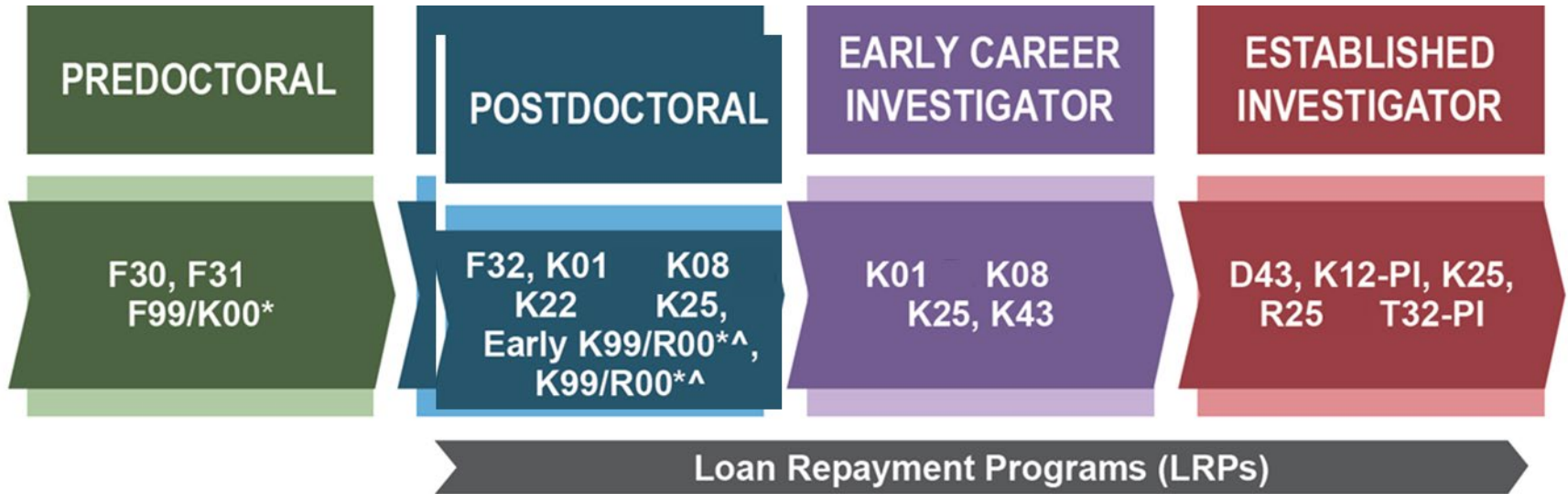
# NCI Supports Funding for Training in All Areas of Cancer Research

## CANCER RESEARCH CONTINUUM



# NCI Funding Opportunities for Training in Cancer Research

The career stage indicated is when an applicant is eligible to apply for each award



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

# NCI Center for Cancer Training: Fiscal Year 2024 at-a-Glance



1545  
Applications



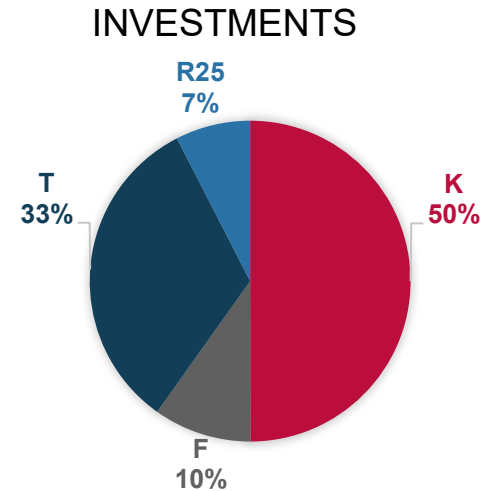
311 Competing  
awards



839 Non-  
competing  
awards



\$205M Total  
investment



# The NIH Loan Repayment Program Helps Pay Back Education Loans

- NCI supports cancer-focused research
- Award is up to \$50,000 per year and renewable if applicant continues to meet eligibility criteria and has eligible educational debt
- 2-year research commitment
- Application deadline: annually in November
- FY24: NCI success rate was 86% (NIH was 73%)
- NCI LRP Liaison: Mark Damico, PhD  
[mark.damico@nih.gov](mailto:mark.damico@nih.gov)



# The NCI Predoctoral to Postdoctoral Transition Award (F99/K00)

[RFA-CA-23-042](#) | *Expired – anticipated reissuance in early Fall 2025*



- Eligibility
  - 3<sup>rd</sup> and 4<sup>th</sup> year health-related PhD students
  - US Citizens, non-citizen nationals, permanent residents, Non-US Citizens
  - 1 nominee per institution
- 1-2 years of support for completing PhD dissertation (F99)
  - Stipend, Tuition, and Training Related Expenses at NRSA levels
- Up to 4 years of support for postdoc training (K00) at a U.S. institution
  - Salary with annual increases at levels greater than NRSA levels
- 3-year average award rate: 49%



# NCI Research Career Development Awards (Ks)

*Fostering the transition of new investigators to research independence*

	<b>“Early” K99/R00</b>	<b>Parent K99/R00</b>	<b>K01</b>	<b>K22</b>	<b>K08</b>
<b>Mentored vs non-mentored (independent)</b>	Mentored phase/Non-mentored phase	Mentored phase/Non-mentored phase	Mentored	Mentored	Mentored Clinical Scientist
<b>Eligibility</b>	≤ 2 years postdoc training	≤ 6 years postdoc training	Postdoc and early career	2-8 years postdoc training	Postdoc and early career
<b>Duration of Award</b>	1-2 years K99 1-3 years R00	1-2 years K99 1-3 years R00	Support for 3 – 5 years protected time	Support for 3 years activated when independence begins	Support for 3 - 5 years protected time
<b>Budget</b>	Salary up to \$100K; Research \$30K (K99 portion)	Salary up to \$100K; Research \$30K (K99 portion)	Salary up to \$100K; Research \$30K - \$50K	Salary up to \$100K; Research \$50K	Salary up to legislative cap; Research \$50K

# Important Changes to NCI K99/R00 and NCI K22 Awards

- The NCI K99/R00 funding opportunity has a newly expanded applicant eligibility window from 4 years to 6 years of postdoctoral research training experience. Extensions for life events will continue to be considered on a case-by-case basis. [PAR-25-135](#)
- The NCI K22 (PAR-24-117) award will sunset effective November 13, 2025. See [NOT-CA-24-079](#) for details.
  - Applications will be accepted until November 2025.
  - NCI K22 award to promote diversity will remain active ([PAR-24-317](#))



# Mentored Quantitative Research Career Award (K25)

**Objective:** To support investigators with quantitative scientific and engineering backgrounds outside of biology or medicine who have made a commitment to focus research endeavors on behavioral and biomedical research (basic or clinical).

**Candidate:** Postdoctoral Scholars  
Early-Stage Investigators  
Established Investigators

**Award:** Up to \$100,000/yr in salary plus fringe benefits  
Pays \$50,000/yr research cost for 3-5 years  
 $\geq 75\%$  professional effort

# Award Rates 3-Year Average from FY22-FY24

Program-Fellowships	Average Award Rate
F30	23%
F31	15%
F32	15%
F99/K00	49%

Program-Career Development	Average Award Rate
K08	26%
Early K99/R00	25%
K99/R00	14%
K22	16%

Program-Institutional and LRP	Average Award Rate
K12	40%
R25	29%
T32	40%
LRP	77%

# New Academic Career Excellence (ACE) Award (K32)

- For postdoctoral scholars to obtain experience in applying for NIH funding up to one year before and no more than two years into their postdoctoral phase.
- Support for up to \$80,000 salary and \$30,000 research development per year for up to 3 years.
- U.S. Citizenship or permanent residency not required for some ACE K32 awards.
- Subsequent NCI career development awards are allowable (e.g. K01, K99,R00) for K32 awardees.
- Anticipated first application due date in June 2025

# New Resources for Applicants: NCI FAQ and Video Overview



## General All Funding Awards

Read frequently asked questions about NCI fellowships, career development awards, training grants, and cancer research education awards.

## General Fellowship Awards

Read about frequently asked questions about NCI fellowship awards (F30, F31, F32, and F99/K00). Fellowship awards are individual research training opportunities for mentored researchers at the graduate and postdoctoral levels.

## General Career Development Award

Read about frequently asked questions about NCI Career Development Awards. These awards provide individual and institutional research training opportunities to mentored researchers at the graduate and postdoctoral levels.

## NCI Transition Career Development Award (K22)

Read about frequently asked questions about NCI Transition Career Development Award (K22). The K22 supports mentored, non-independent investigators ready to transition to independent academic faculty positions.

## NIH K99/R00 The Pathway to Independence Award

Read about frequently asked questions about the NIH Pathway to Independence Award (K99/R00). The K99/R00 helps postdoctoral researchers complete needed mentored training and transition in a timely manner to independent, tenure-track or equivalent faculty positions.

Subscribe to **NCI Bottom Line: A Blog about Grants and More** to learn the latest on NCI's fiscal landscape, funding decisions, grant policy news and more.



## Overview: Applying to NCI Fellowships

This video describes an overview of the main components involved in applying to NCI fellowships, provides tips for successful applications, and shares additional resources to support the application process.



**Overview:  
Applying to  
Fellowships**

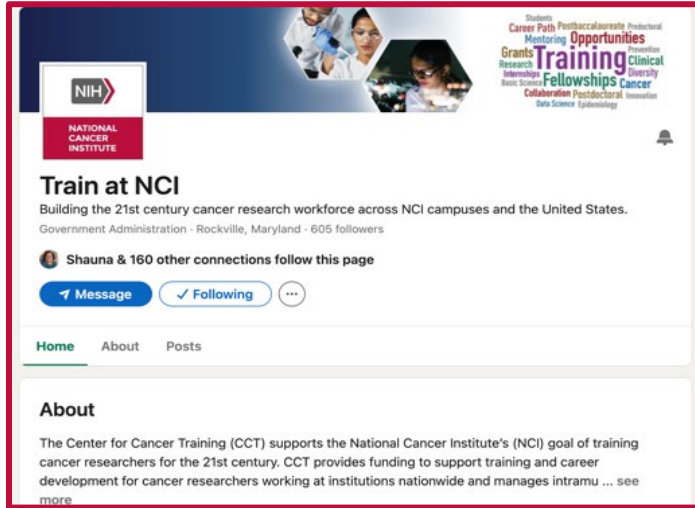
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**Overview:  
Applying to Career  
Development (K)  
Awards**

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<https://www.linkedin.com/showcase/train-at-nci/>

Contact a program director to discuss!

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

# Thank You



Contact the NCI Center for Cancer Training

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