



NCI Opportunities for Early Career Cancer Researchers

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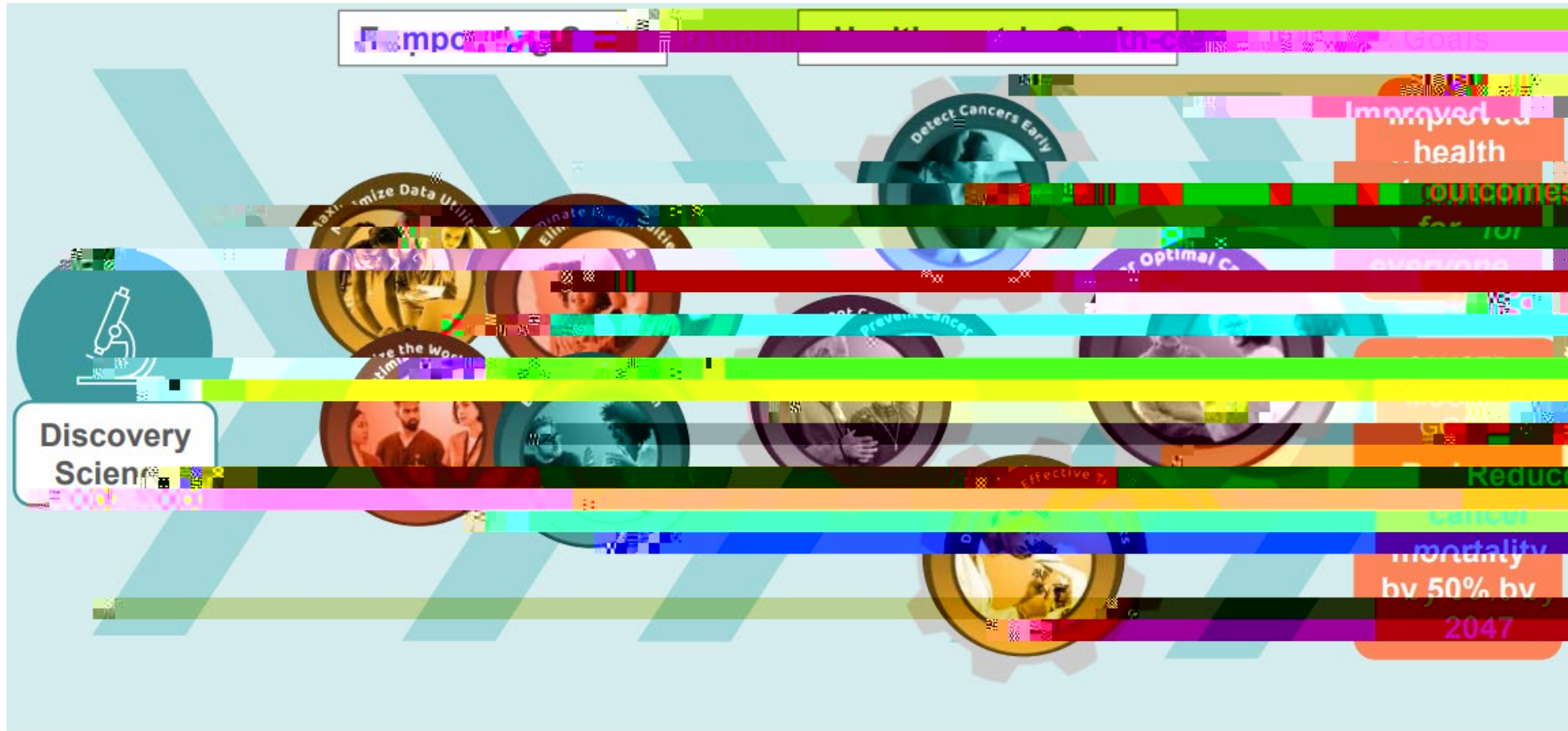
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Outline

1. *NCI Overview and Funding Opportunities for Training in Cancer Research*
2. *Resources for Early Career Researchers*

National Cancer Institute (NCI)



National Cancer Institute (NCI): Cancer Training Branch

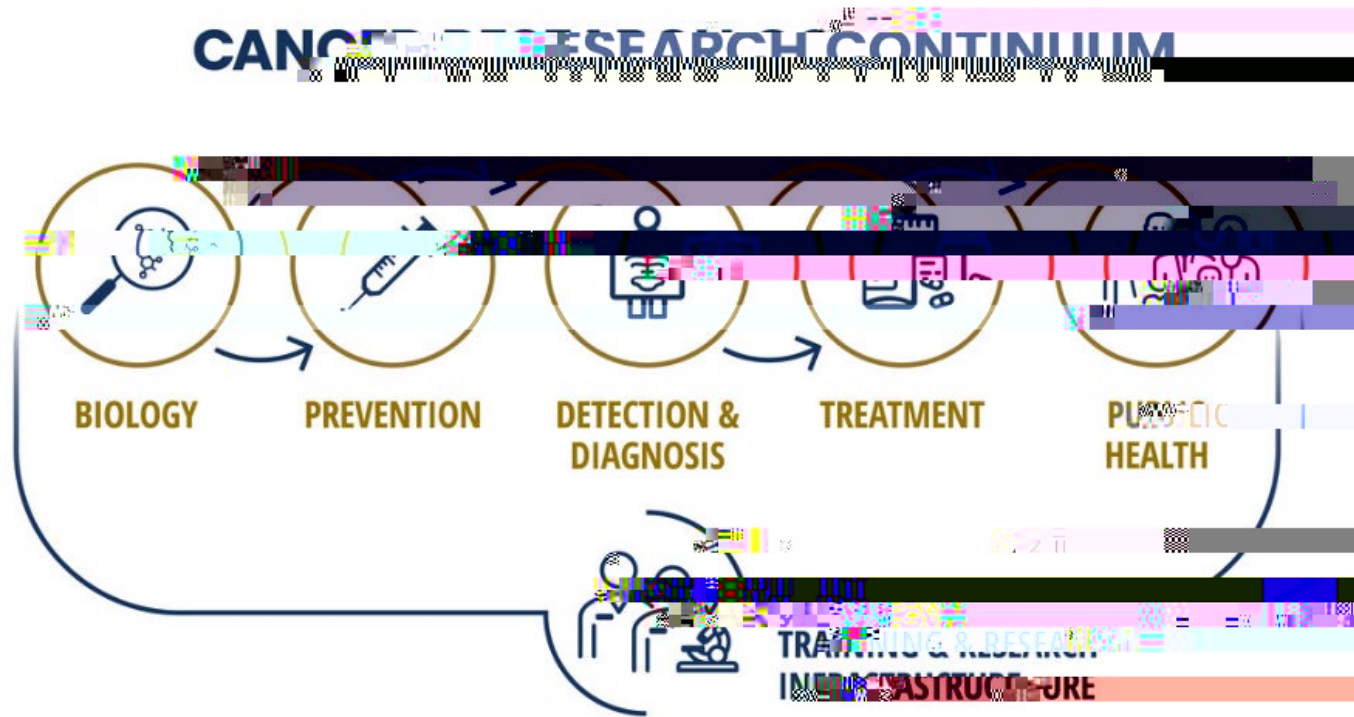
Promotes and supports a new generation of cancer researchers by funding and administering fellowships, career development awards, and training/education research awards in all areas of cancer research.

Works collaboratively to assess and identify areas of need in cancer research training and education.

As NCI Program Directors we provide scientific expertise, application guidance and support, manage new and existing awards, and support the development of new training/funding opportunities.

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

NCI Supports Funding for Training in All Areas of Cancer Research



NCI Funding Opportunities for Training in All Areas of Cancer Research

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



The NIH Loan Repayment Program Helps Pay Back Education Loans

NCI Eligible Candidates: Researchers conducting cancer-focused studies in clinical translation, pediatric cancer, cancer health disparities, epidemiology, population sciences, and prevention; including clinical research for

Ruth L. Kirschstein National Research Service Award (NRSA)

Individual Fellowships

F30 Predoc

- Supports predocs during clinical & graduate training for a **combined doctoral** degree (e.g., MD/PhD, DDS/PhD, DVM/PhD, AuD/PhD, DO/PhD).
- Must be **within 48 months** of matriculation into an accredited MD/PhD program for the initial application (not resubmissions).
- Provides **up to 6 years support** for tuition/fees & \$4,750 annually for training related expenses/ health insurance.

F31 Predoc

- F31 supports **PhD research** candidates who have achieved candidacy and performing dissertation research.
- **Diversity F31:** supports under-represented predocs in **both** dual degree (up to 6 years) and PhD only programs (up to 5 years).
- Provides **up to 5 years support** for tuition/fees & \$4,750 annually for training expenses/ health insurance.

F32 Postdoc

- Supports mentored **postdoctoral** training under the guidance of a faculty sponsor to support transition to independence.
- Fellows must have a research or clinical **doctoral degree** from an accredited US or foreign institution.
- Provides **up to 3 years** of stipend & \$4,500 for tuition/fees, training expenses/health insurance up to \$12,400.

Individual Predoctoral to Postdoctoral Transition Award (F99/K00)



Eligibility

- 3rd and 4th year health-related PhD students
- US Citizens, non-citizen nationals, permanent residents, Non-US Citizens
- 1 nominee per institution (for NCI and some other NIH Institutes)

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 US institution

- Salary with annual increases at levels greater than NRSA levels



NIH Fellowship Application Updates

New Review Criteria! For all applications submitted on or after **January 25, 2025**, NRSA fellowship applications will be reviewed using a simplified review criteria.

On/and after January 25, 2025, **scholastic performance (e.g., grades) are not required nor permitted** to be included in NRSA applications.



Thursday, September 19, 2024
2:00 - 3:00PM ET

[Register here](#)



<https://grants.nih.gov/policy/peer/revisions-nih-fellowship-application-review-process/changes-to-fellowship-review-criteria.htm>

“Early”
K99/R00 (data sci,
prevention, control)

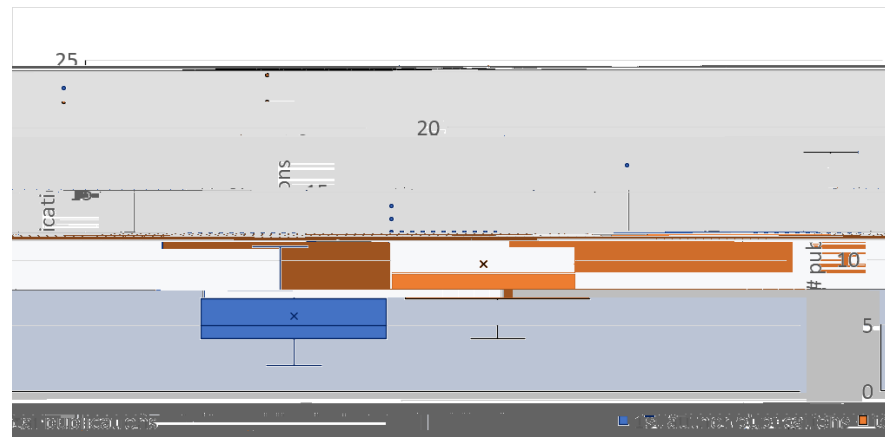
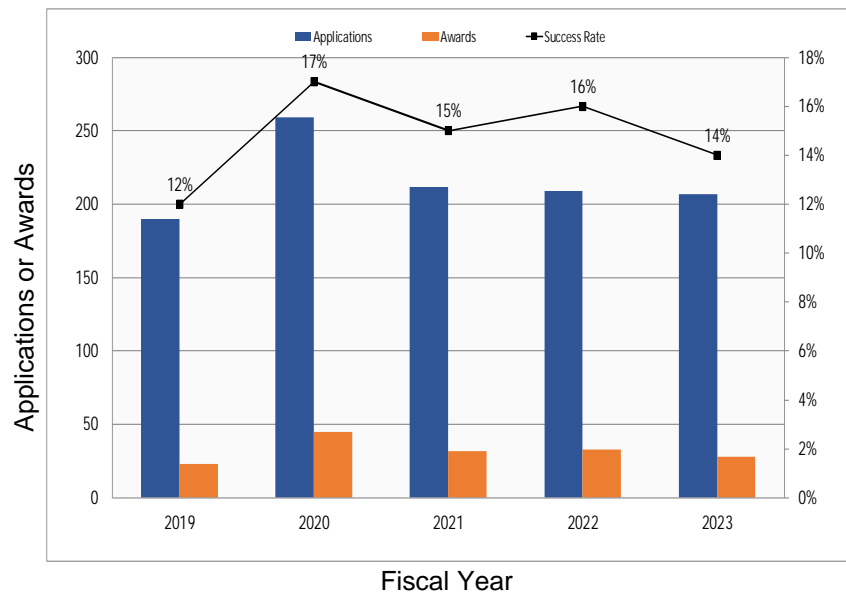
Parent
K99/R00

K01 and K01
Diversity
(NCI-CCHE)

K22 and K22
Diversity

K08 and K08
Diversity

NCI K99 Application Metrics and Awarded PI Productivity



The NCI Pathway to Independence Award for Early-Stage Postdoctoral Researchers (K99/R00)

Funding opportunities PAR-23-286; PAR-23-287; PAR-23-288

Postdocs with **less than 2 years of postdoctoral research experience** (as of submission due date); research in **data science, molecular/precision cancer prevention, or cancer control science** especially encouraged

Extensions of eligibility window may be considered on a case-by-case basis (contact NCI program director)

Candidate must be nominated by an institution. Institution may nominate up to 4 candidates, one in data science, one in cancer control science, one in molecular/precision cancer prevention, and one in other cancer research.

U.S. citizenship or permanent residency not required - **Individuals on visas are eligible to apply**

Due dates annually on **Feb 14, June 14, Oct 14**

<https://www.cancer.gov/grants-training/training/funding/early-k99>

Upcoming Changes to NCI K99/R00 and NCI K22 Awards

The NCI K22 (PAR-24-117) award will sunset effective November 13, 2025.

<https://grants.nih.gov/grants/guide/notice-files/NOT-CA-24-079.html>

Applications will be accepted until November 2025.

The NCI K99/R00 award will undergo significant changes including expanding the eligibility window from 4 years to 6 years of postdoctoral research training

experience. <https://grants.nih.gov/grants/guide/notice-files/NOT-CA-24-077.html>

Notice of Funding Opportunity publication is November 1, 2024.

First estimated application due date February 14, 2025.

Pay Attention to the Review Criteria

FELLOWSHIPS (changes will occur for due dates on or after Jan 25, 2025)

Scored Review Criteria:

- Candidate (Fellowship Applicant)
- Sponsors, Collaborators, and Consultants
- Research Training Plan
- Training Potential
- Institutional Environment and Commitment to Training

CAREER DEVELOPMENT AWARDS

Scored Review Criteria:

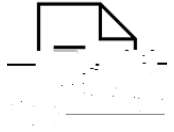
- Candidate
- Mentors, Co-Mentors, Consultants, Collaborators
- Research Plan
- Career Development Plan
- Environment and Institutional Commitment to Training

Non scorable items (additional review considerations):

- Training in the Responsible Conduct of Research (RCR)
- Biohazards
- Authentication of Key Biological and/or Chemical Resources
- Resource Sharing Plans
- Budget & Period of Support
- Vertebrate and/or human subject's considerations

Common Reviewer Concerns

Before You Apply

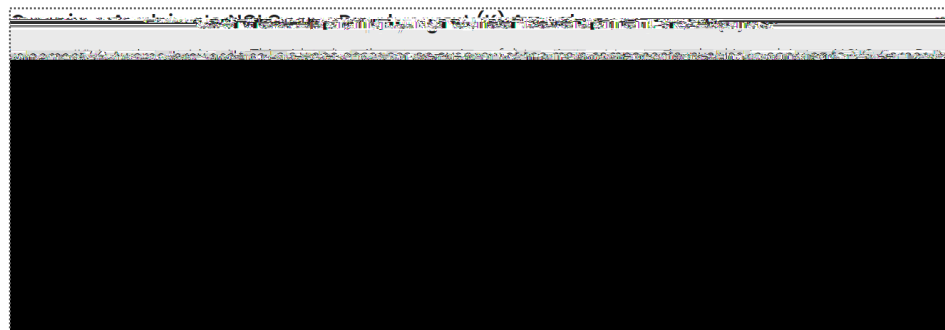
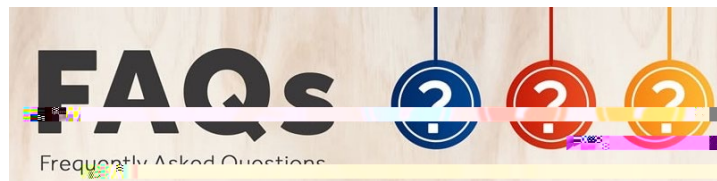


Read **funding opportunity** and **SF424**

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New Resources for Applicants: NCI FAQ and Video Overview



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

NIH Early-Stage Investigator (ESI) Extensions

An ESI is a Program Director/Principal Investigator (PD/PI) who has completed their terminal research degree or end of post-graduate clinical training, whichever date is later, within the past 10 years and who has not previously competed successfully as PD/PI for a substantial NIH independent research award.

NIH will consider requests to extend the ESI status period for reasons that can include the following, as determined on a case-by-case basis at the sole discretion of NIH.

Medical concerns

Disability

Family care responsibilities

Natural disasters

Active-duty military service

Submit a request for an extension to NIH ESI status and describe the nature of the disruption to research productivity in the request.

Link in the Education section of the PI's Personal Profile in [eRA Commons](#).

- More Info: <https://grants.nih.gov/policy/early->

NIH Grants YouTube Channel



Advice to New and Early Career Scientists

A row of four video thumbnails from the NIH Grants YouTube channel. Each thumbnail has a title and a brief description. The first thumbnail is titled "UNDERSTANDING NIH PROGRAMS" and is described as "A PRIMER FOR INVESTIGATORS NEW TO THE NIH GRANTS PROCESS". The second is "PUTTING IT ALL TOGETHER: SUPPORTING YOUR CAREER PATH WITH NIH FUNDING". The third is "DEVELOPING & OPTIMIZING YOUR PERSONAL AND PROFESSIONAL RELATIONSHIPS". The fourth is "Next Generation Researchers: After-Hours Conversation with NIH's Generative Research Training Future Biomedical Researchers". Below the thumbnails are the video titles and their respective Creative Commons (CC) license icons.

Understanding NIH Programs

Putting It All Together:

Developing and Optimizing

Next Generation Researchers

NIH Grants

Supporting Your Career

Developing & Optimizing

Next Generation Researchers

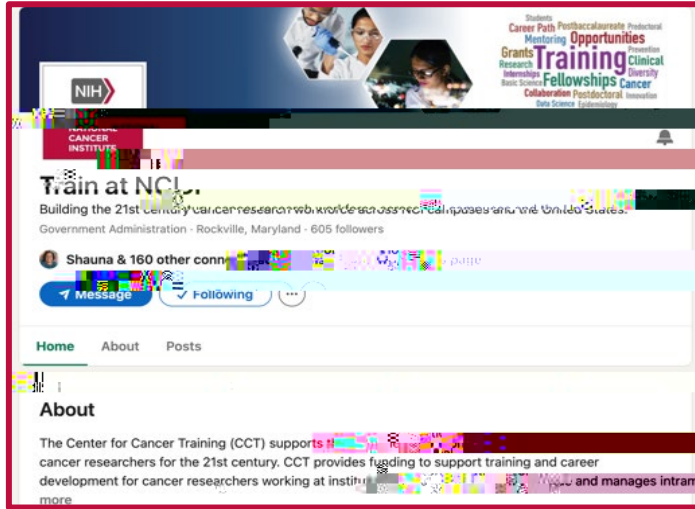
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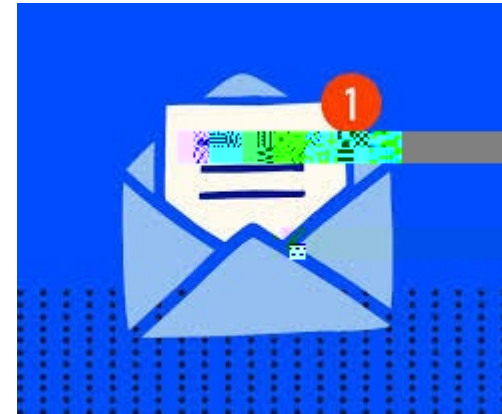


Ways to Stay in Touch: LinkedIn and Cancer Training Branch (CTB) Newsletter



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

Scan to Subscribe



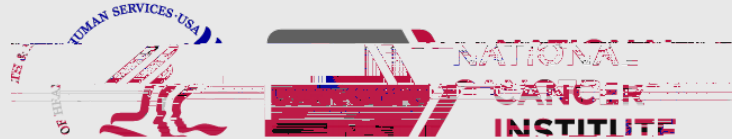
NCI Cancer Training Branch Contacts

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Mark Damico, Ph.D.	damicomw@mail.nih.gov	F30 , K12 , LRP , T32
Mariam Eljanne, Ph.D.	mariam.eljanne@nih.gov	F99/K00 , R25

n n i i i

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LinkedIn CCT Page: Train at NCI



Visit our website for more information
and contact us

cancer.gov/CCT



www.cancer.gov

www.cancer.gov/espanol



Access our flyer for Cancer
Training Funding
Opportunities!