TEAM:
Transformative Educational Advancement and Mentoring Network
R25: RFA-CA-23-013

Pre- Application Webinar

Dr. Whitney (Barfield) Steward, PhD

December 1, 2022

CENTER TO REDUCE CANCER
HEALTH DISPARITIES

NIH NATIONAL CANCER INSTITUTE

Important Housekeeping Notes

- To preserve bandwidth, participants are requested to turn video off and stay muted for entire time, with questions coming in via chat Please type your questions/comments into the chat box during the Q&A
- Slides, and the recorded webinar, will be shared with the participants in a few days

Agenda

- Overview of the TEAM Initiative
  - Requirements and Intent for **RFA-CA-23-013**
  - Discussion-Q&A Session

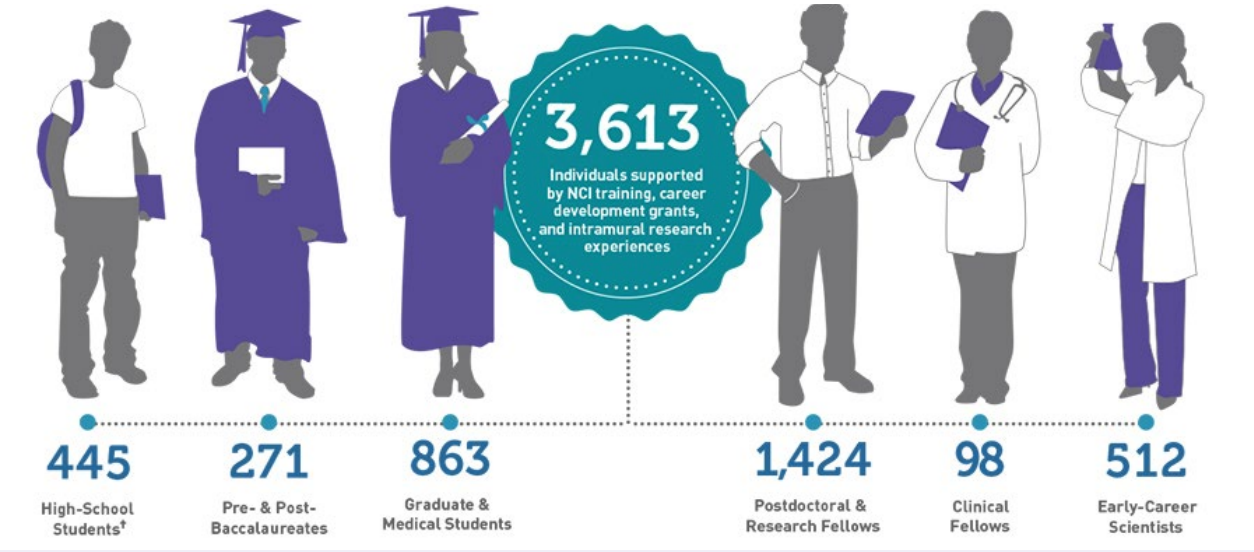
The National Cancer Institute (NCI)

WHAT WE DO

SCOPE OF OUR WORK

TRAINING THE WORKFORCE

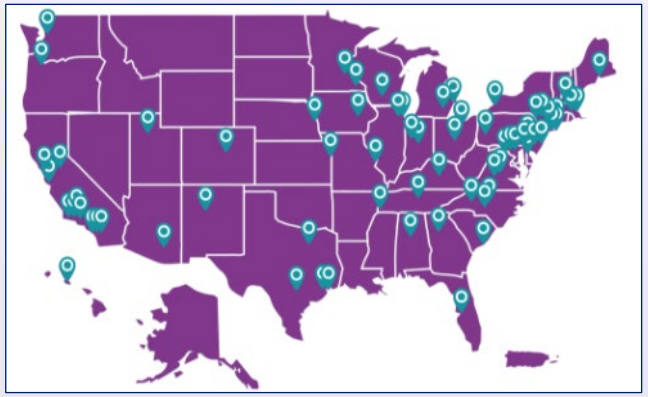
In FY 2015, NCI supported 3,613 emerging cancer researchers through training and career development grants and intramural research experiences.



NCI Shady Grove

NIH Clinical Center

Frederick National Lab. for Cancer Research



NCI-Designated Cancer Centers

Background

- Need for increased diversity in oncology research.
  - Maximizes scientific innovation
  - Enhances cultural sensitivity and inclusiveness
- Programs to increase diversity are key
- Navigating the NIH funding landscape can be challenging.
- Targeted outreach to assist scholar at minority serving institutions (MSI's) may be beneficial.
- Training navigation helps scholars to infuse into, progress in, and advance through the academic pipeline.

Funding Opportunities are Vehicles to Career Independence

Goal

Scientific Independence & Self-Sustainability

R21

Acquire data and submit R01, collaborate and explore job opportunities

K Awards

Develop scientific niche, acquire data, write R01 and explore job opportunities

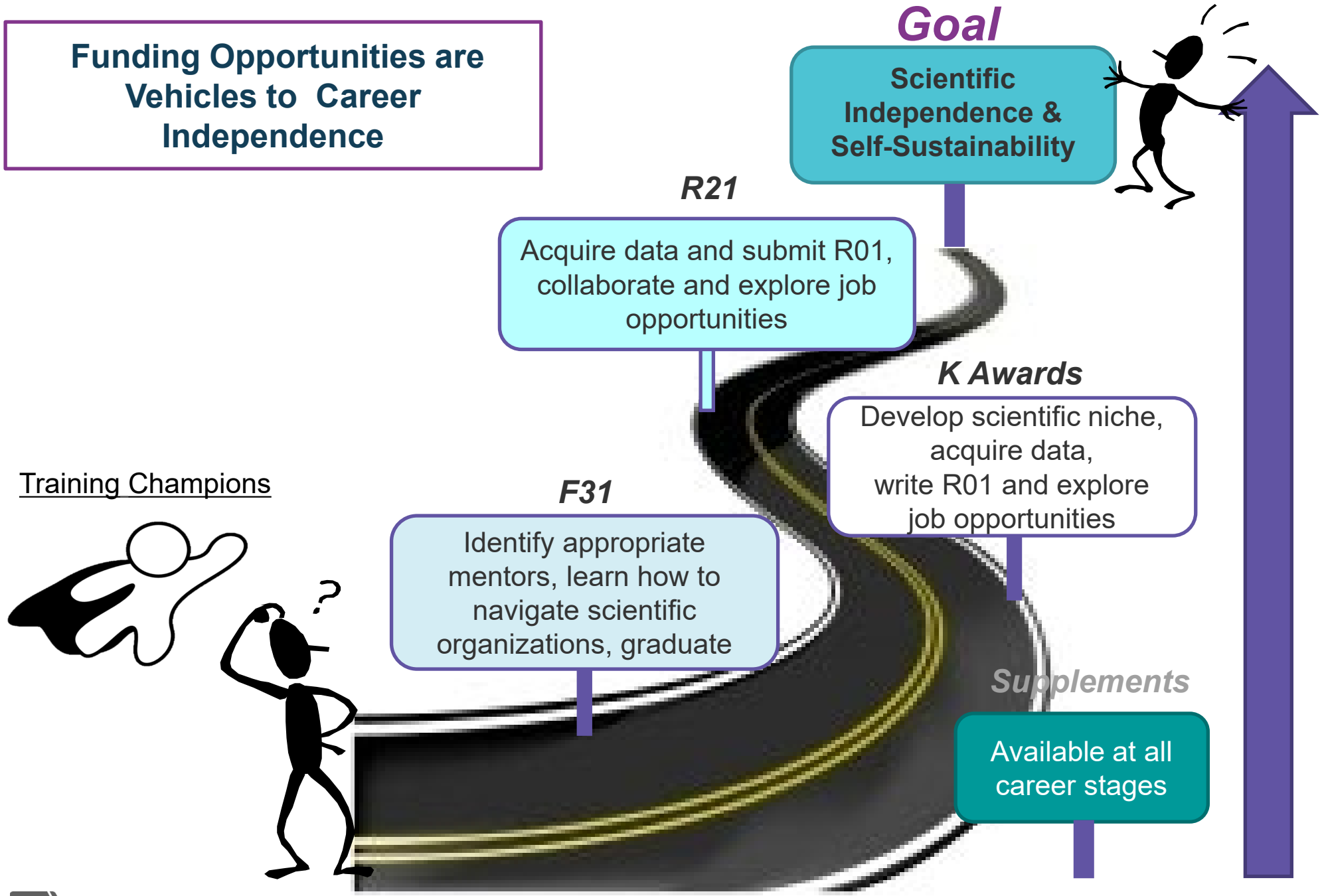
F31

Identify appropriate mentors, learn how to navigate scientific organizations, graduate

Training Champions

Supplements

Available at all career stages



- Acquire research skills
- Publish
- Write grants
- Network
- Present your scientific data

TEAM Purpose

The purpose of TEAM is to pilot test the use of TCs at MSIs, to provide education and career development navigation for diverse scholars.

Objective 1:	Objective 2:	Objective 3:
Pilot Test the Use of TC's to increase scholar awareness and readiness	Connect to Scholars to Mentoring and Networking Opportunities	Adapt or Leverage Courses and Resources that enhance subject matter expertise and career development

Objective 1: Pilot the use of TCs to provide education and career development support to increase awareness and readiness among an identified scholar group

Training Champions (TC's)

TCs are institutional personnel who assist potential applicants with their preparedness to apply for, attain, or transition to an independent grant award

Training Champions

NCI Program Staff
(Training Navigation)

Training
Champions

Diverse Scholars
(Predocs, Postdocs, ESIs)

What is the role of a Training Champion?

- Assist scholars with applying for, attaining, or transitioning to an independent award
- Provide resources for professional development, peer networking,

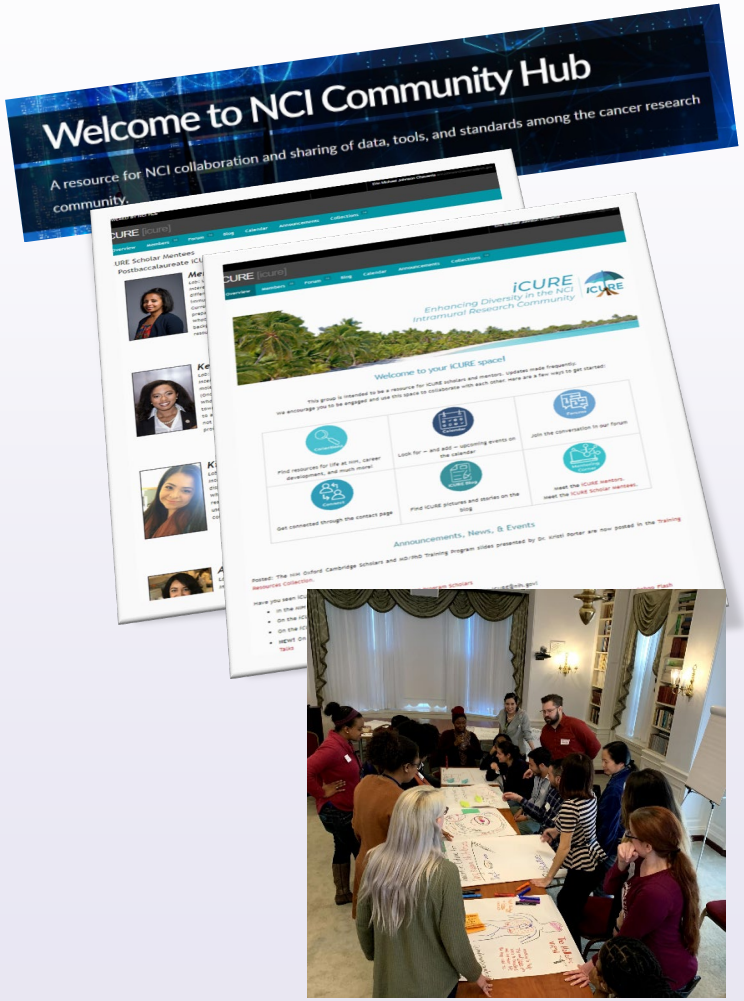
Who is eligible to be a Training Champion?

- Must have experience/expertise to adequately facilitate the career development of scholars
- Demonstrate skills necessary to organize and disseminate NCI pertinent information to scholars

How will Champions be supported for this role?

- NCI Program Staff (Navigation Team) will provide TCs with technical guidance
- Peer networking with other TCs for establishing best practices

Objective 2: Leverage TCs and institutional support to connect the potential scholar group with mentoring and networking opportunities



Objective 3: Adapt or leverage culturally tailored educational activities and short courses that enhance subject matter expertise and career development.

- Coursework in cancer or cancer health disparities research
- Facilitation of mock grant reviews
- Provision of technical expertise in grant and scientific writing

- Promotion of effective mentor-mentee communication strategies
- Train scholars in ethics, implicit bias, microaggressions, and structural inequities

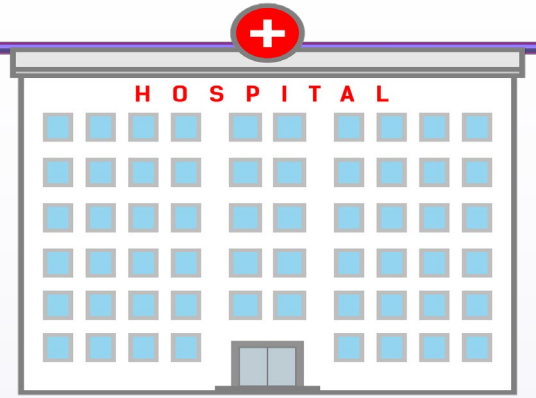
Collaboration Is Key!

Minority Serving Institutions

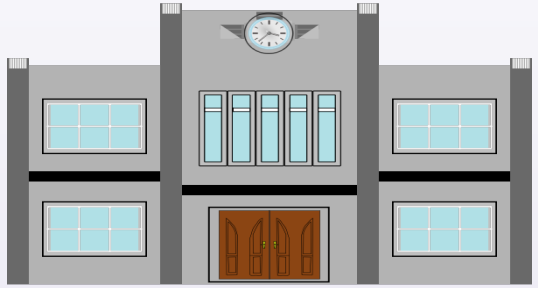
Leverage Courses and Training Resources for Scholar Skills Development

Form Multidisciplinary Mentor Teams to Optimize Outcomes for Scholars

Host Regional Conferences to Facilitate Peer and Professional Networking



Cancer Centers



Medical Schools

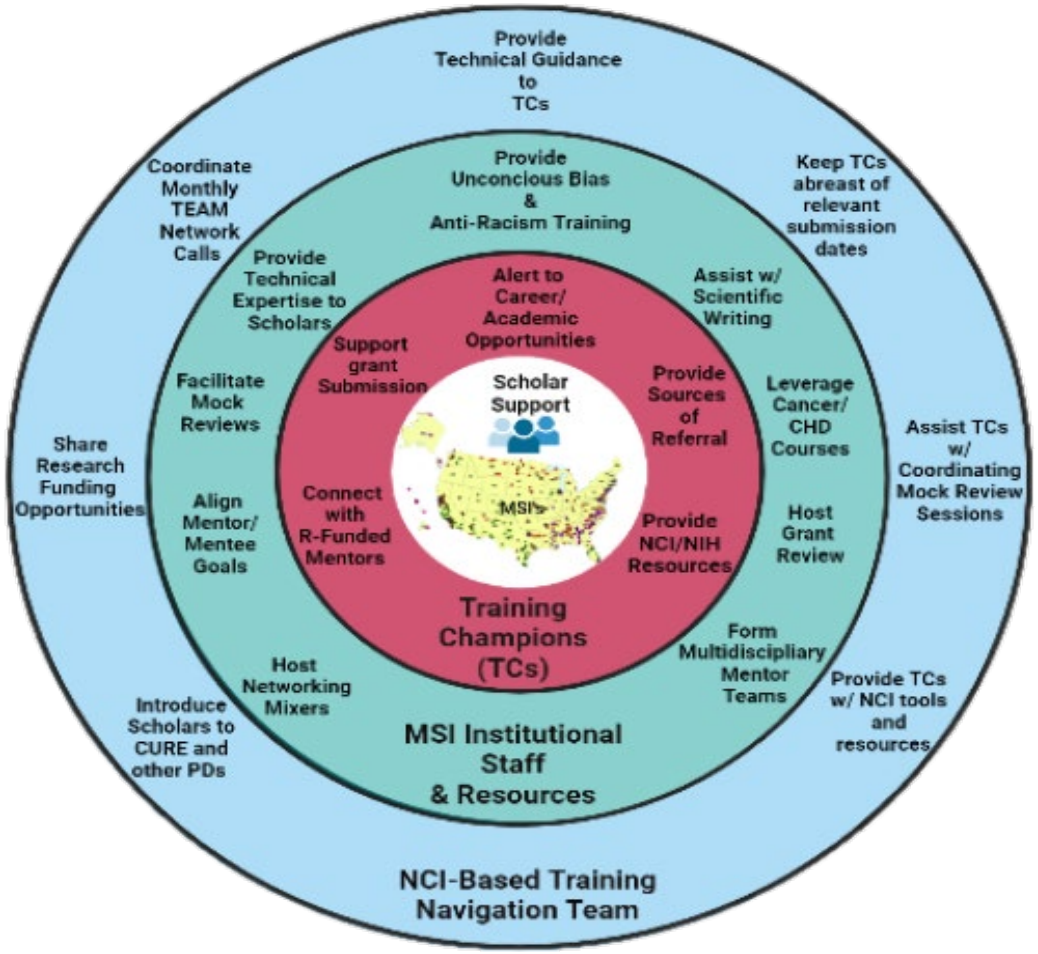
Other Academic Institutions

Example Number of Scholars Per Site

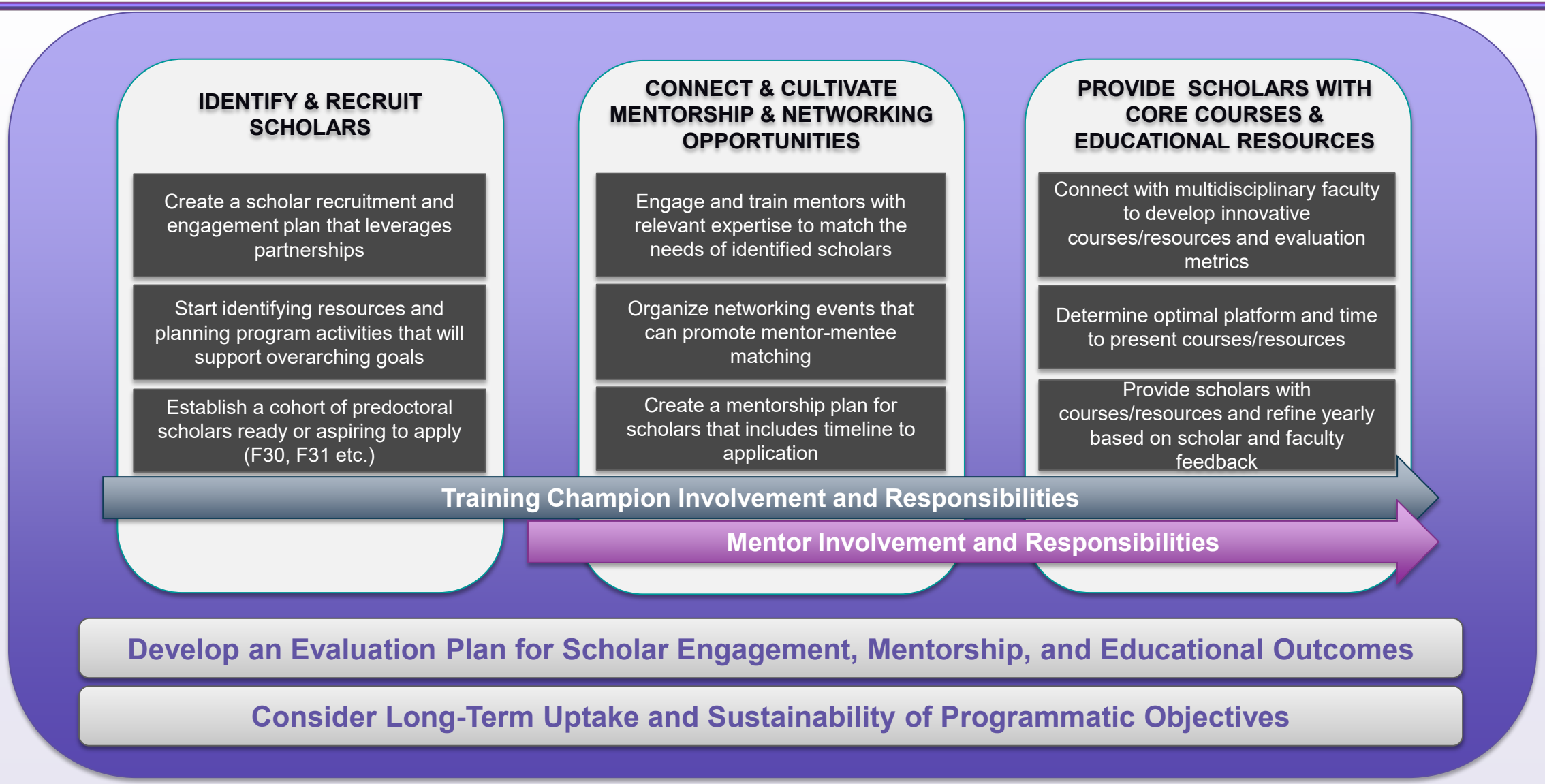
Scholar Career Level	1 Site/Year	5 Sites/Year	Estimated Total Number over 5 years (all 5 sites)
Predoctoral/Graduate Students	50-80	250-400	1,250-2,000
Postdoctoral Fellows	20-30	100-150	500-750
Early-Stage investigators	10-20	50-100	250-500

TEAM Program Overview

- Direct Support for Scholars
  - (Training Champions)
- Institutional Support at MSIs
  - (PIs, Faculty & Mentors)
- NCI Technical Guidance
  - (Training Navigation Team)



Sample Strategic Plan for Predoctoral Scholars



Modified from: https://journals.plos.org/ploscompbiol/article?id=10.1371/journal.pcbi.1010015

Budget

Funding Mechanism	1 Year				5 Years			
R25	1 Site		5 Sites		1 Site		5 Sites	
	DC	TC	DC	TC	DC	TC	DC	TC
	$300K	$510K	$1.50M	$2.55M	$1.50M	$2.55M	$7.50M	$12.75M

- Up to five (5) R25 Team grantees will be awarded. The project period is for 5-years, with $300K direct costs ($510,000K total costs)/award/year. The budget will encompass Fiscal Years 2023-2028. (See *Table 1*)

- The estimated total costs per year are $2.55M. The estimated total costs for the five-year project period are $12.75M.

Eligibility

To be eligible for this FOA, the applicant institution must be a domestic institution located in the United States and its territories which:

- Award undergraduate (B.S. or B.A.) and/or graduate degrees in biomedical sciences;
- Have a documented historical and current mission to educate students from any of the populations that have been identified as underrepresented in biomedical research as defined by the National Science Foundation (NSF), see http://www.nsf.gov/statistics/wmpd/) (i.e., African Americans or Blacks, Hispanic or Latino Americans, American Indians, Alaska Natives, Native Hawaiians, U.S. Pacific Islanders, and persons with disabilities) or has a documented record of: (1) recruiting, training and/or educating, and graduating underrepresented students as defined by NSF (see above), which has resulted in increasing the institution's contribution to the national pool of graduates from underrepresented backgrounds who pursue biomedical research careers and, (2) for institutions that deliver health care services, providing clinical services to medically underserved communities.

Recruitment Plan to Enhance Diversity

The applicant must provide a recruitment plan to enhance diversity:

- Include outreach strategies and activities designed to recruit prospective participants from diverse backgrounds, e.g., those from groups described in the Notice of NIH's Interest in Diversity.
- Describe the specific efforts to be undertaken by the program and how the proposed plan reflects past experiences in recruiting diverse individuals including those from underrepresented groups (https://grants.nih.gov/grants/guide/notice-files/NOT-OD-20-031.html).

Non-Responsive Applications

The following types of applications are not responsive to this FOA and will not be reviewed:

- Applications lacking a plan for instruction in responsible conduct of research.
- Applications lacking a Recruitment Plan to Enhance Diversity.
- Applications that do not include plans for both of the following activities: courses for skills development and mentoring activities; however, the emphasis on each activity need not be equal.
- Applications that do not propose a full-time TC or multiple TC(s) that are equivalent to a full-time employee (12 person-months) over the course of a year, or more.

TEAM: Important Dates

- Relevant Dates
  - Letter of Intent Due Date: January 10, 2023
  - Application Due Date: February 10, 2023
  - Earliest Start Date: December 2023

Application Due Dates			Review and Award Cycles		
New	Renewal / Resubmission / Revision (as allowed)	AIDS	Scientific Merit Review	Advisory Council Review	Earliest Start Date
February 10, 2023	Not Applicable	Not Applicable	July 2023	August 2023	December 2023

Letter of Intent

- Descriptive title of proposed activity
- Name(s), address(es), and telephone number(s) of the PD(s)/PI(s)
- Names of other key personnel
- Participating institution(s)
- Number and title of this funding opportunity
- The letter of intent should be sent to:

Whitney (Barfield) Steward, Ph.D.
National Cancer Institute (NCI)
Telephone: 240-276-5729
Email: whitney.barfield@nih.gov

Question and Answer Session

Thank you for your Participation!

Additional questions related to this FOA should be sent to NCITEAM@mail.nih.gov

Thank you!

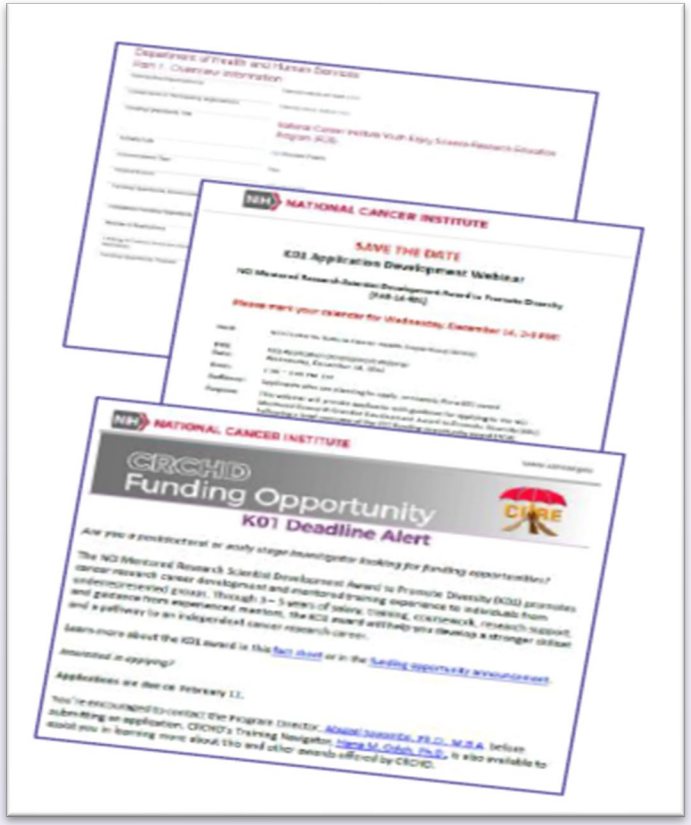
NATIONAL CANCER INSTITUTE

cancer.gov/crchd

Training Navigation

Training Navigation leverages strategies, resources and stakeholders to:

1. Increase scholars' knowledge of NIH and other federal funding announcements
2. Improve scholars' awareness of career development and professional enhancement opportunities, and
3. Provide additional mentorship and opportunities for supported engagement in career development training and networking.



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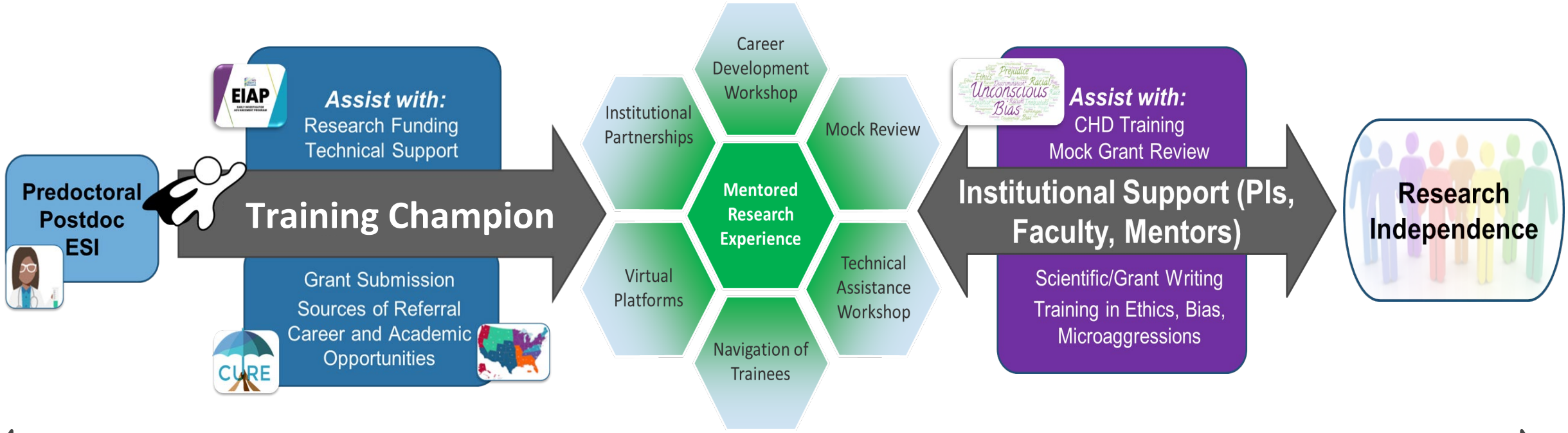

NCI Technical Guidance and Oversight (Training Navigation)

Evaluation Criteria

Objectives	Metrics
1. For Courses for Skills Development	• Aggregate number and demographic characteristics of participants • Educational level of participants • Participants' feedback on the program • Content and New knowledge or skills acquired • Aggregate number and demographic characteristics of participants exposed to the new curricula or methods • General educational level of participants • Effectiveness of the curricula or methods assessed by skills/competencies gained compared to existing • Dissemination and/or adoption of the new curricula or methods
2. For Graduate Students	Aggregate number and demographic characteristics of participants Subsequent educational/career progress of participants, including: • Successful completion of a STEM graduate program • Subsequent participation in a formal research training or career development program in a STEM field • Subsequent participation in research • Subsequent employment in a research or research-related field • Subsequent authorship of scientific publications in a STEM field • Subsequent independent research grant support from NIH or another source
3. For Postdoctoral Researchers and Early Stage Investigators	Aggregate number and demographic characteristics of participants Subsequent educational/career progress of participants, including: • Subsequent participation in research • Subsequent employment in a research or research-related field • Subsequent authorship of scientific publications in a STEM field • Subsequent independent research grant support from NIH or another source