

CRCHD: Diversity Training and Cancer Health Disparities Research Opportunities

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NCI Center to Reduce Cancer Health Disparities

NCI Center to Reduce Cancer Health Disparities (CRCHD)

- Strengthens the NCI cancer research portfolio in basic, clinical, translational, and population-based research to **address cancer health disparities** through collaborations across NCI
- **Advises NCI leadership** on strategic priorities, program direction, and scientific policy to strengthen cancer disparities research, diversity training, women's health and sexual and gender minority opportunities
- Leads NCI's efforts to **increase workforce diversity** through the training of students and investigators from diverse backgrounds

CRCHD Programs

Diversity Training



Partnerships

- Partnerships to Advance Cancer Health Equity (PACHE)

Networks

- Geographic Management of Cancer Health Disparities Program (GMAP)
- National Outreach Network (NON)

Cancer Health Disparities Research

- Basic research
- Translational research



Continuing Umbrella of Research Experiences (CURE)

CURE GOALS

Increase the size of the talent pool



Well-prepared young students

Emphasize scientific areas of greatest need



Cancer health disparities
Quantitative sciences

Expand and extend the period of training



Competitive trainees for research independence

CURE Helps Trainees Achieve Scientific Independence and Self-sustainability



CURE Trainees

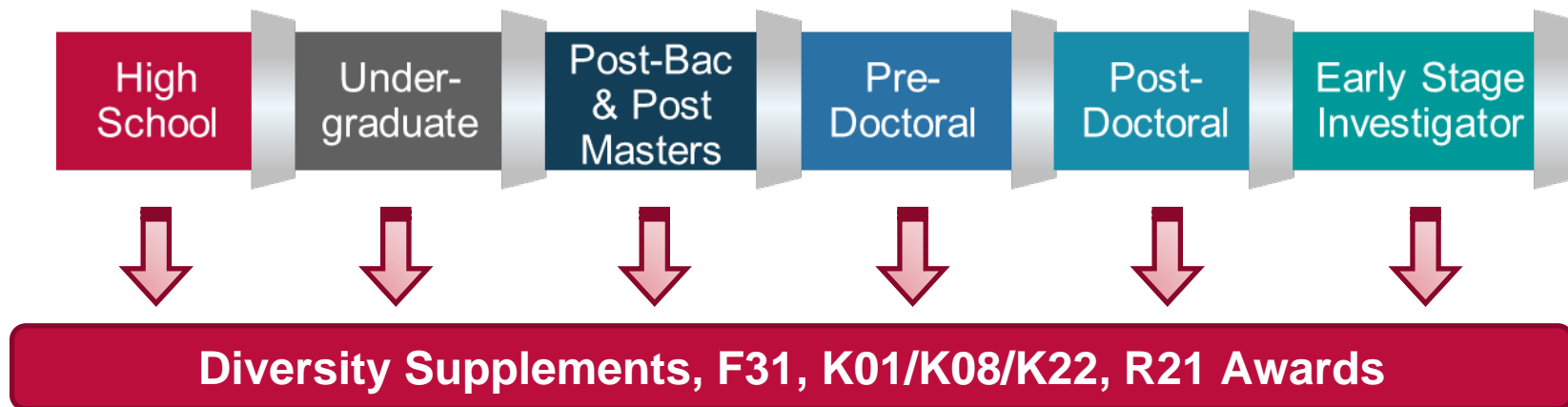
- Race and ethnicity
- Disability
- Disadvantaged background

CURE Mechanisms

- Individual awards: Diversity and Re-entry Supplements; F31; K01; K08; K22; R21
- Institutional awards: R25

Supplements within the CURE: Diversity and Re-Entry

- Provide additional funding to currently active NIH grants (parent grants) to support research experiences of trainees
- Parent grant must have **at least two years** of active status remaining at the time of supplement application;
- Application receipt: **Oct 1 – Dec 1** and **Feb 1 – Mar 30**
- A **bridge** for candidates to progress to the next academic/career level.

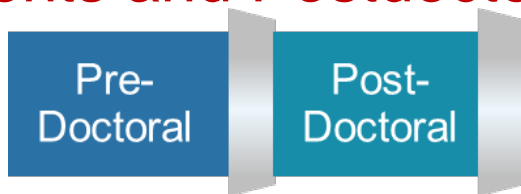


Research Supplements to Promote Diversity in Health-Related Research (PA-18-906, Diversity Supplements)



- Candidate must be US citizen, non-citizen nationals or permanent residents, and from underrepresented populations: race/ethnicity, disability, disadvantaged background
- <https://grants.nih.gov/grants/guide/pa-files/PA-18-906.html>
- <http://www.cancer.gov/about-nci/organization/crchd/diversity-training/cure/DSGuidelines>

Diversity Supplements: Special Eligibility Criteria for Graduate Students and Postdoctoral Fellows



- **No concurrent PHS support for graduate student or postdoctoral fellow candidate at the time of application:**
 - Cannot be supported by parent grant
 - If coming off of institutional training grant, need letter from institution
- **AFTER application submission:**
 - Can be supported by the parent grant at the recipient's own risk, pending funding decision of supplement application

Research Supplements to Promote Re-Entry into Biomedical and Behavioral Research Careers (PA-18-592, Re-Entry Supplements)



- Candidate must be US citizen, non-citizen nationals or permanent residents, but does not need to be from underrepresented populations
- Candidate must have been on hiatus from research for 1-8 years; must be postdoctoral fellow or faculty before hiatus
- <https://grants.nih.gov/grants/guide/pa-files/PA-18-592.html>
- <http://www.cancer.gov/about-nci/organization/crchd/diversity-training/cure/ReEntryGuidelines>

What Do We Look for in a Supplement Application?

Candidate	Mentoring and Career Development Plan	Research Plan
<ul style="list-style-type: none">• Motivation• Accomplishments• Career goals• Eligibility statement	<ul style="list-style-type: none">• Scientific proficiency and mentoring expertise of mentor(s)• Defined role(s) and commitment of mentor(s)• Training of career skills• Clear benchmarks• Candidate-specific plans	<ul style="list-style-type: none">• Relevancy to Parent Grant project• Scientific impact on Parent Grant project• Research design and feasibility• Alignment with candidate's career goals

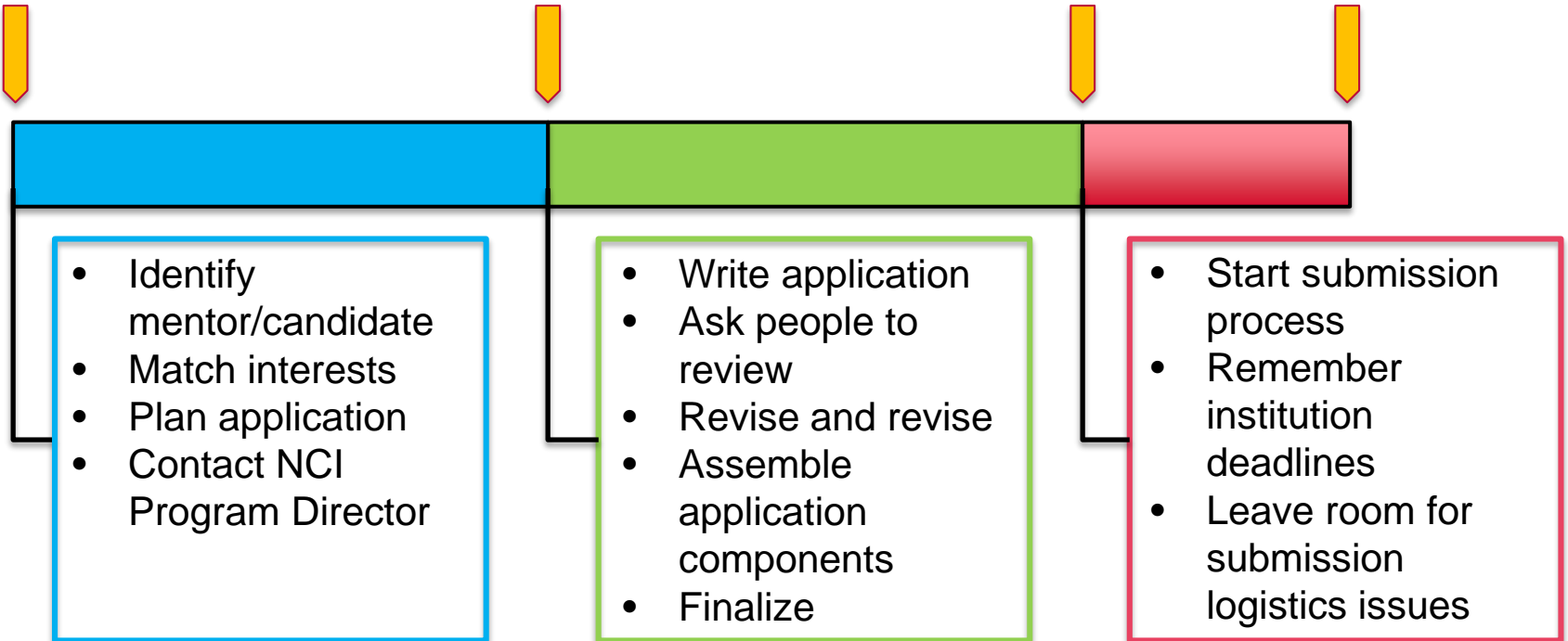
Suggested Time Line for Preparing a Supplement Application

5 Months
Prior

3 Months
Prior

1 Month
Prior

Submission
Deadline



Basic Cancer Health Disparities (CHD) Research Grants (R21 & R01)

Important collaboration between DCB and CRCHD

Science: Mechanistic studies that investigate biological/genetic basis of CHD

Eligibility: Open to any qualified researcher

Research project: Basic cancer disparities research, focus on racial/ethnic disparities

Due dates: June 19 and November 19, 2019 and 2020

Mechanism	Details
Exploratory/Developmental Grants Program for Basic Research in Cancer Health Disparities (R21) https://grants.nih.gov/grants/guide/pa-files/par-18-655.html	<ul style="list-style-type: none">• Pilot and feasibility studies• No preliminary data required but encouraged• Budget: Direct Cost for 2 years \leq \$275k; \leq \$200k per year.
Basic Research in Cancer Health Disparities (R01) https://grants.nih.gov/grants/guide/pa-files/par-18-654.html	<ul style="list-style-type: none">• Full project grant• Preliminary data required• Budget: No limit, but need to reflect the actual needs of the proposed project..

Cancer Health Disparities Research Grants Examples

- Consequences and mechanism of aberrant splicing in African American prostate cancer disparities (R01)
- Biological implications of breast cancer protective variants in Latin American women with high Indigenous American ancestry (R01)
- Targeting CRLF2 and Ikaros Alterations to Reduce Health Disparities in Childhood Leukemia (R01)
- Diet modulation of bacterial sulfur & bile acid metabolism and colon cancer risk (R01)
- Modulation of host intrinsic immunity to reduce prostate cancer disparity (R01)
- Inter-relationship between microbiota diversity, obesity and race in endometrial cancer (R21)
- Stress Inflammation Mechanisms of Survivorship Disparities Experienced by Hispanic Women After Breast Cancer (R21)
- Racial Disparity of microRNA in Hepatitis C Virus Mediated Hepatocellular Carcinoma (R21)

NEW: NCI Administrative Supplements to Support Cancer Disparity Collaborative Research (Clinical Trial Optional): PA-18-842

- **Purpose:** accelerate and strengthen multi-disciplinary cancer disparities research in wide ranging areas (cancer biology, cancer prevention, population sciences, translational & clinical studies)
- **Requires:** collaboration between **NCI-funded non-disparity researchers** and **cancer disparities-focused researchers**
- **Parent grant.**
 - Must have at least **two years** of active funding remaining at the **time of anticipated award**
 - Can receive only one award but may apply multiple times
- **Duration:** up to two years
- **Budget.**
 - Up to \$150K in Direct Cost per year
 - Cannot support parent grant PD/PI salary
- **Due Dates:** September 10, 2019; September 10, 2020

Program Staff Contacts

Mechanism	PD Contact
Diversity and Re-entry Supplements	Drs. Alison Lin and Sara Hargrave (CRCHD) CUREsupplements@nih.gov
Basic Cancer Health Disparities Research Grants (R21 & R01)	Dr. Tiffany Wallace (CRCHD) wallaceti@mail.nih.gov Dr. Jennifer Isaacs (DCB) Jennifer.isaacs@nih.gov
Cancer Disparity Collaborative Supplement	Dr. Liz Perruccio (CRCHD) liz.perruccio@nih.gov Dr. Mariam Eljanne (DCB) eljannem@mail.nih.gov Others: see FOA

<http://crchd.cancer.gov>



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