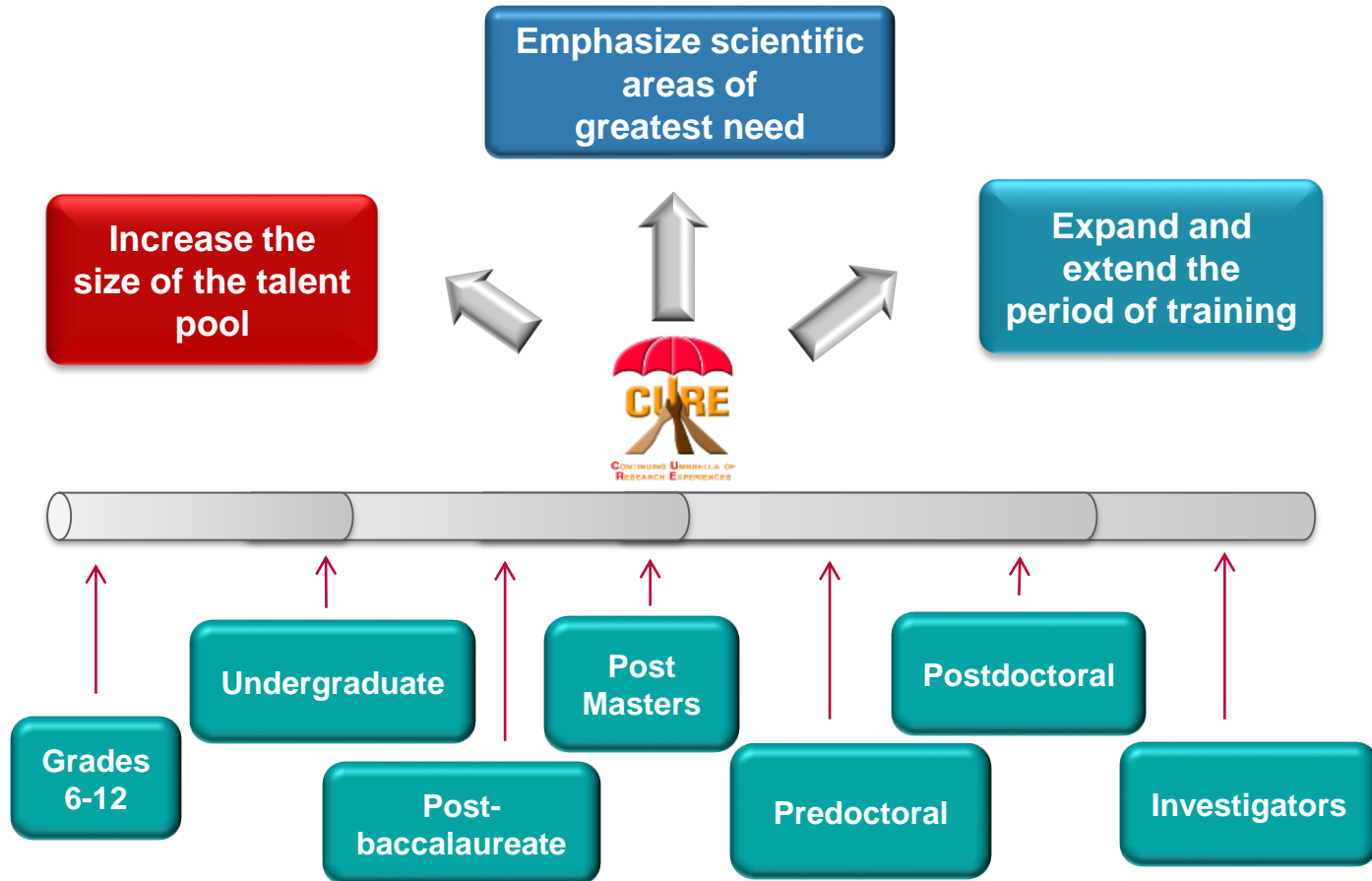


# CRCHD: Diversity Training and Cancer Health Disparities Research Opportunities

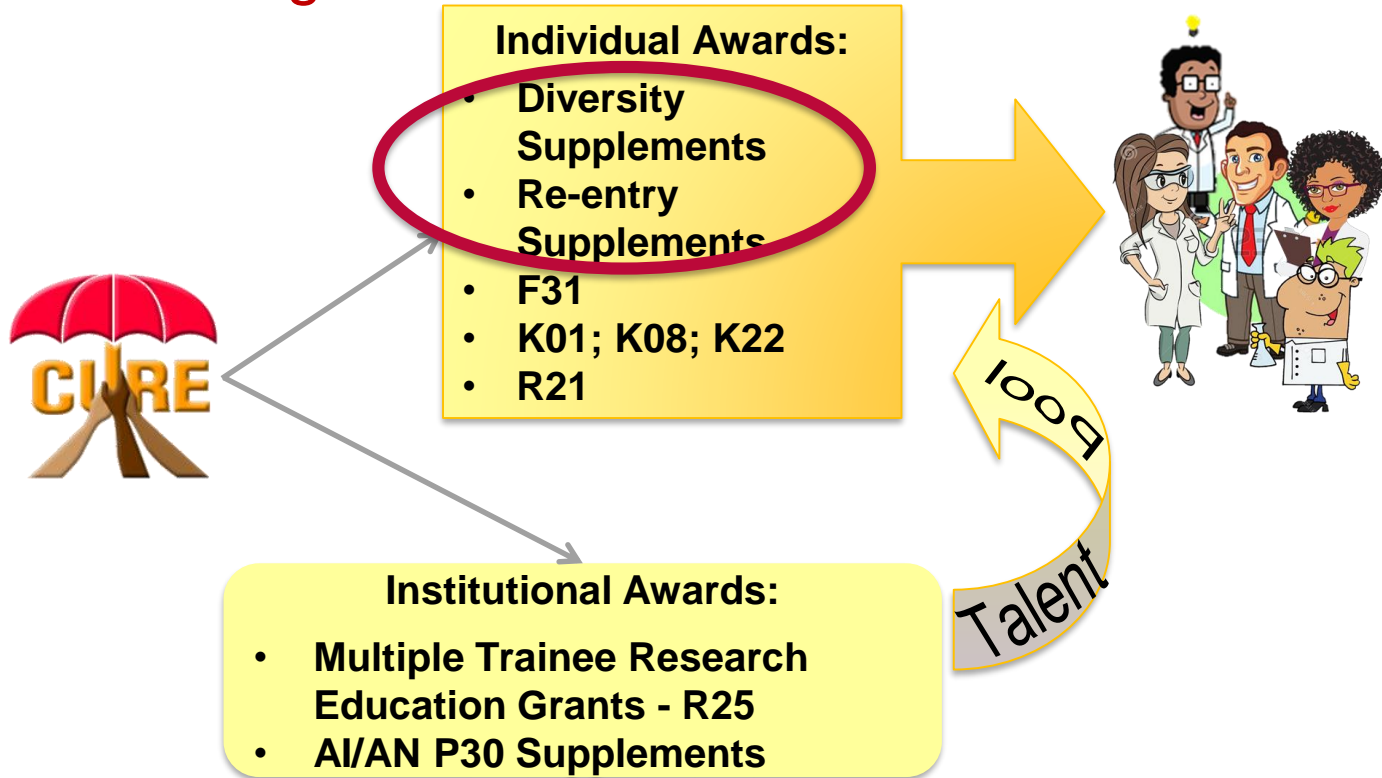
*Alison Lin, PhD, Program Director*

*NCI Center to Reduce Cancer Health Disparities*

# Continuing Umbrella of Research Experiences (CURE)



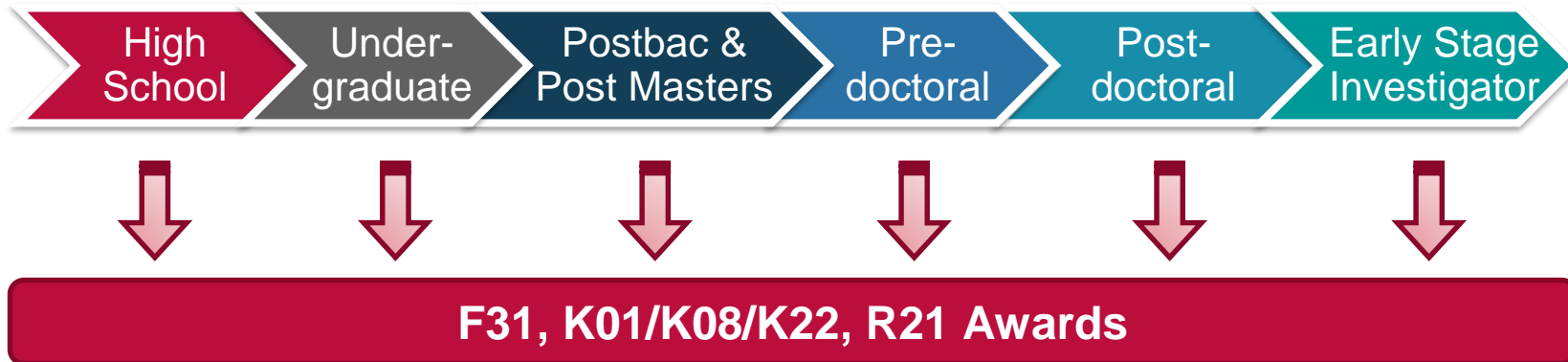
# CURE Funding Mechanisms



Goal: To help trainees achieve scientific independence and self-sustainability

## 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 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-16-288, Diversity Supplements)

Individuals of  
Different  
Race/Ethnicity

Individuals with  
Disability

Students from  
Disadvantaged  
Background

US citizens or Permanent Residents

- <https://grants.nih.gov/grants/guide/pa-files/PA-16-288.html>
- <http://www.cancer.gov/about-nci/organization/crchd/diversity-training/cure/DSGuidelines>
- <http://crchd.cancer.gov>

# 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-16-289, Re-Entry Supplements)



- Candidate 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-16-289.html>
- <http://www.cancer.gov/about-nci/organization/crchd/diversity-training/cure/ReEntryGuidelines>
- <http://crchd.cancer.gov>

# What Do We Look for in a Supplement Application?

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



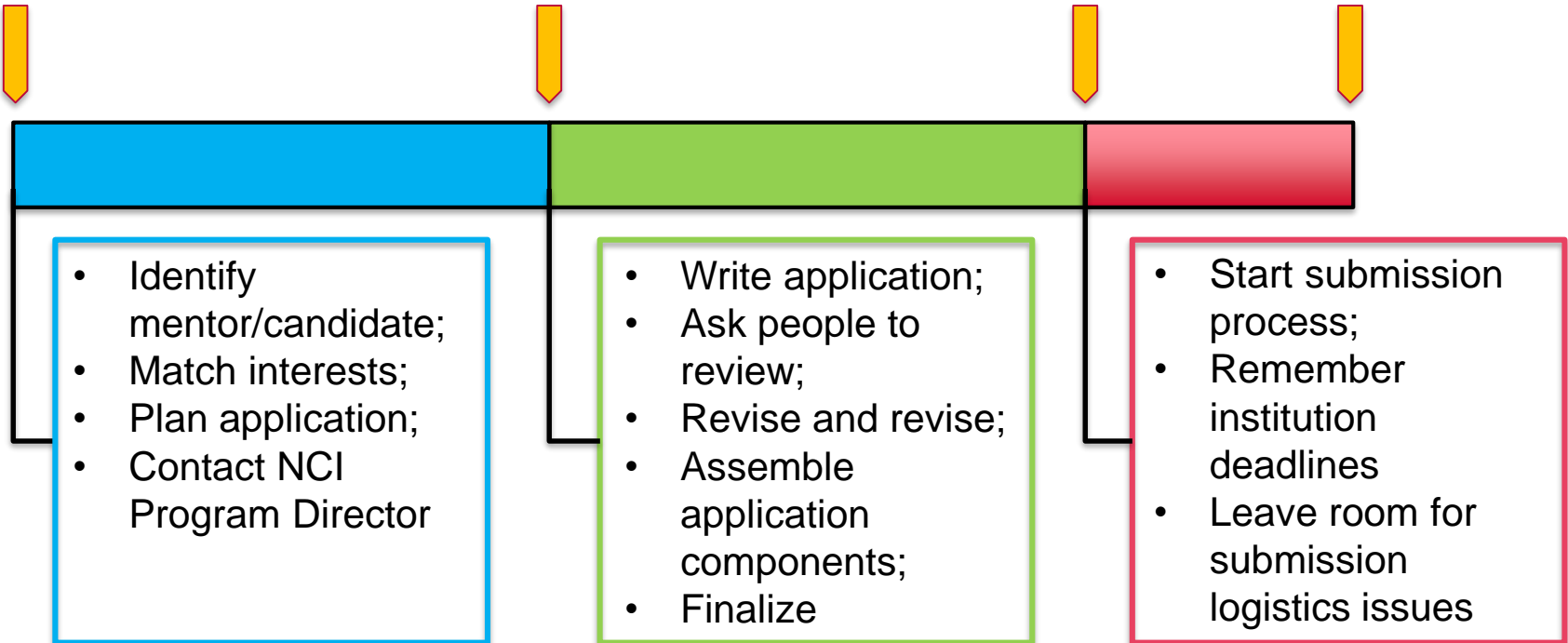
# Sample Time Line for Preparing a Supplement Application

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 health disparities research

**Due dates:** June 19 and November 17, 2017; FOA in the process of re-issuance

Mechanism	Details
Exploratory/Developmental Grants Program for Basic Cancer Research in Cancer Health Disparities (R21) <a href="https://grants.nih.gov/grants/guide/pa-files/PAR-15-092.html">https://grants.nih.gov/grants/guide/pa-files/PAR-15-092.html</a>	<ul style="list-style-type: none"><li>• Pilot and feasibility studies</li><li>• No preliminary data required but encouraged</li><li>• <b>Budget:</b> Direct Cost for 2 years <math>\leq</math> \$275k; <math>\leq</math> \$200k per year.</li></ul>
Basic Cancer Research in Cancer Health Disparities (R01) <a href="https://grants.nih.gov/grants/guide/pa-files/PAR-15-093.html">https://grants.nih.gov/grants/guide/pa-files/PAR-15-093.html</a>	<ul style="list-style-type: none"><li>• Full project grant</li><li>• Preliminary data required</li><li>• <b>Budget:</b> Direct Cost <math>\leq</math> \$250k per year for up to 5 years.</li></ul>

# 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)
- Genetic Signatures Underlying Prostate Cancer Metastasis in African Americans (R21)
- 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)

# NCI CURE Program Staff Contacts

<b>Mechanism</b>	<b>PD Contact</b>
Diversity and Re-entry Supplements	Drs. Alison Lin and Elena Schwartz <a href="mailto:CUREsupplements@nih.gov">CUREsupplements@nih.gov</a>
Basic Cancer Health Disparities Research Grants (R21 & R01)	Dr. Tiffany Wallace (CRCHD) <a href="mailto:wallaceti@mail.nih.gov">wallaceti@mail.nih.gov</a> Dr. Jennifer Isaacs (DCB) <a href="mailto:Jennifer.isaacs@nih.gov">Jennifer.isaacs@nih.gov</a>

<http://crchd.cancer.gov>



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