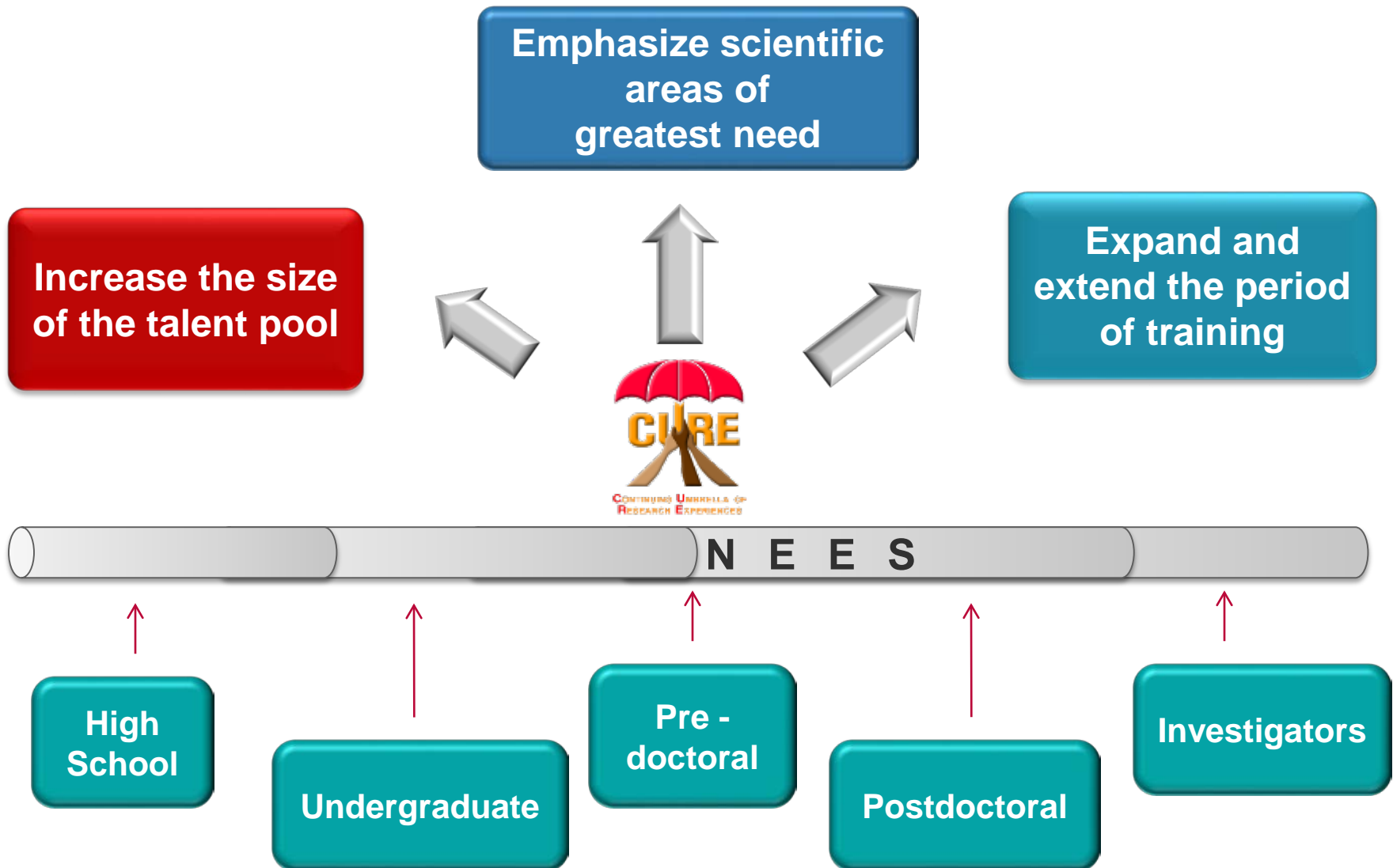


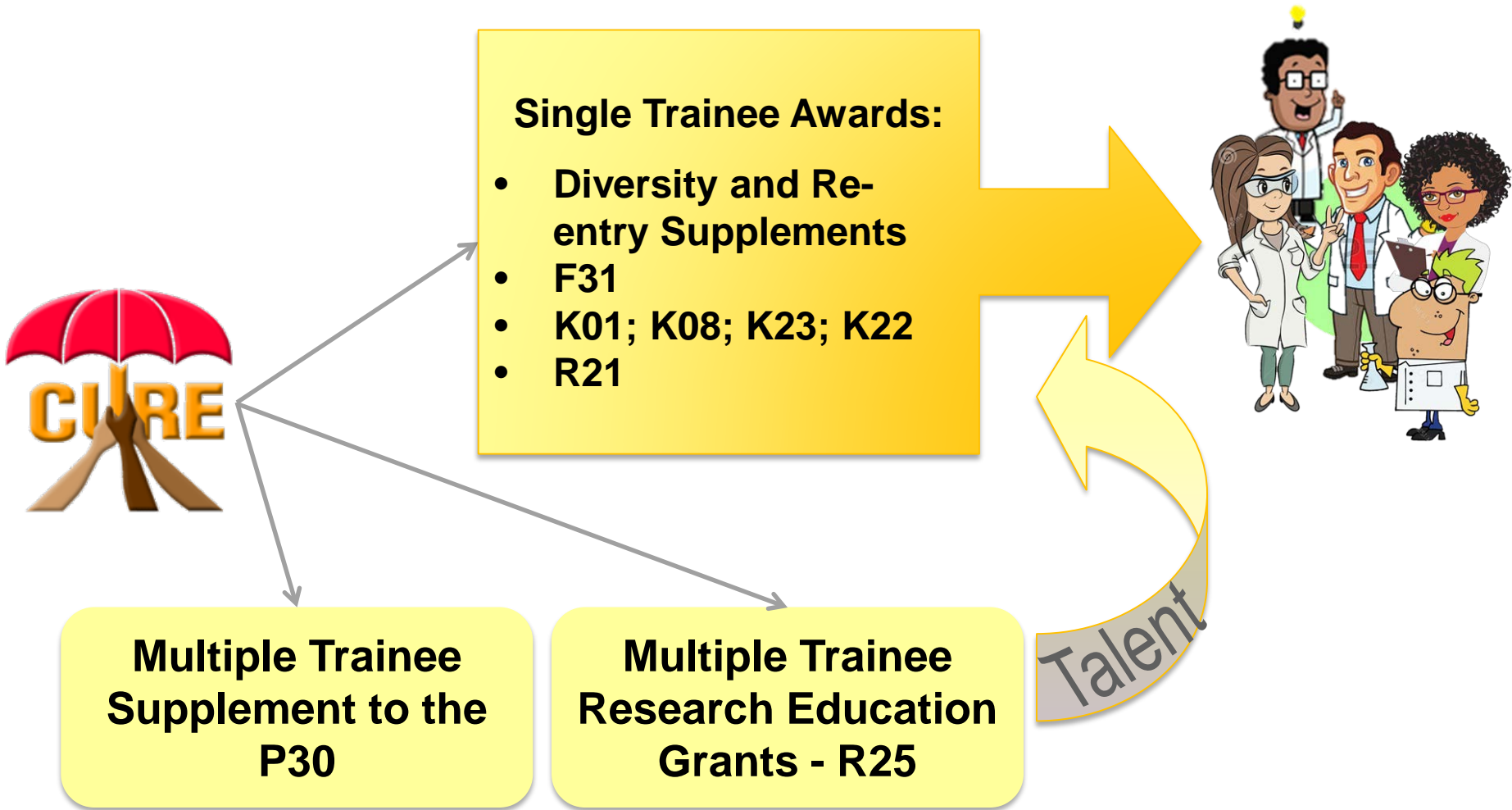
NCI Youth Enjoy Science (YES) Research Education Program (R25)

*Alison Lin, PhD
Program Director
Center to Reduce Cancer Health Disparities
National Cancer Institute
National Institutes of Health*

Continuing **U**mbrella of **R**esearch **E**xperiences (CURE)



CURE Program Funding Mechanisms



R25 Research Education Grants with Diversity Focus

Submission Dates: **January 25**, May 25, September 25

FOA	Activities	Contact
NCI Youth Enjoy Science (YES) Research Education Program 	<ul style="list-style-type: none">• Research Experiences• Curriculum or Methods Development• Outreach <p>http://grants.nih.gov/grants/guide/pa-files/PAR-17-059.html</p>	Alison Lin, PhD linaj@mail.nih.gov
Cancer Research Education Grants Program to Promote Diversity – Research Experiences	<ul style="list-style-type: none">• Research Experiences <p>http://grants.nih.gov/grants/guide/pa-files/PAR-16-138.html</p>	Davyd Chung, PhD davyd.chung@nih.gov
Cancer Research Education Grants Program to Promote Diversity – Courses for Skills Development	<ul style="list-style-type: none">• Courses for Skills Development <p>https://grants.nih.gov/grants/guide/pa-files/PAR-16-139.html</p>	Davyd Chung, PhD davyd.chung@nih.gov

NCI Youth Enjoy Science (YES) Research Education Program R25: PAR-17-059

Goal

Provide support for institutions to develop innovative **early intervention** strategies to **attract** and **engage** underrepresented youth in active research environments, and to help prepare them for a career in biomedical research.



Increase the size
of the talent pool

Eligible Institutions

- **Higher Education Institutions:** Public or Private; including MSIs
- **Nonprofits**
- **For-Profit Organizations:** Small Businesses and others
- **Governments:** State, County, City or Township; Special District; Tribal; US Territory or Possession
- **Other:** listed in the PAR
- **No Foreign Institutions**

Applicant institutions should have the necessary resources to assure support for the proposed program.

Eligible PD/PI

- Any individual with the necessary skills, knowledge and resources
- Multiple PDs/PIs are allowed
- No foreign components are allowed

Eligible Participants (1/2)

- **Grades 6-12 students:** currently enrolled and in good standing
- **Undergraduate students:** currently enrolled and in good standing; *not necessarily in the R25 applicant institution*
- **Grades 6-12 teachers:** currently employed and engaged in science teaching *in the same school(s) as the above students*
- **Undergraduate faculty:** currently employed and engaged in science teaching *in the same institution(s) as the above students*

Eligible Participants (2/2)

- Students must be from underrepresented populations:
 - Race/ethnicity:
 - Blacks or African Americans
 - Hispanics or Latinos
 - American Indians or Alaska Natives
 - Native Hawaiians and other Pacific Islanders
 - Individuals with disability
 - Individuals from disadvantaged backgrounds
- All participants should have at least two years commitment (equivalent of at least two 3 months, full time effort)
- All participants must be US citizens or Permanent Residents

Required Activities

**Research
Experiences**

**Curriculum or
Methods
Development**

Outreach

All three activities are required.

Activities must be integrated with each other.

Required Activities 1 & 2

- **Research Experiences:**

- All grades 9-12 students, undergraduate students, teachers and faculty members require individual mentored research projects
- Students should participate in activities that enhance research and career skills
- All participants should participate in peer networking activities

- **Curriculum or Methods Development:**

- Programs that support teachers and faculty – develop novel instructional approaches to teaching science
- Others – educational tools to help students enhance their Research Experiences

Required Activities 3

Outreach:

- Grades 6-8 students – exposure to cancer research and engagement in activities that promote learning of the research process
- Grades 6-12 students – activities that help educate their families and communities on the importance of science education and help create a supportive environment for the students to pursue scientific interests
- Undergraduate students, teachers and faculty – activities that help enhance general science/health education

Program Expectations

- Start students on career paths toward research



- Tracking of student participants is strongly encouraged for at least 15 years after they complete the YES program

Budget

- Maximum of \$500,000 direct cost per year
- F & A: 8%
- Maximum project period: 5 years
- Personnel cost (including consultant): up to \$5,000 per participant in direct cost
- Participant cost: Participants are paid consistent with institution policy and:
 - Middle school students – not paid
 - High school students – minimum wage
 - Undergraduate students – no more than \$10 per hour
 - Teachers – no more than \$900 per week
- Research-related expense: up to \$1,500 per participant per year
- Housing allowance: average per participant cannot exceed \$1,000

Letter of Intent

- Not required but strongly encouraged
- Should contain:
 - 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
- Send to Dr. Alison Lin at linaj@mail.nih.gov

Application Submission Highlights

See FOA for complete instructions

Applications should follow the standard instructions and general format (SF424; R&R) included in the FOA

1. Cover
2. Project/Performance Site Location(s)
3. Other Project Information Component
 - Other attachments: Advisory Committee
4. Senior /Key Person Profile
 - List Program Faculty with significant role as Key Personnel
5. Budget
6. Research Strategy – especially note:
 - 25 Page limit
 - Institutional Commitment letter
 - Diversity Recruitment Plan is not needed
7. Resource Sharing Plans
8. Appendix – see NOT-OD-16-129

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-16-129.html>

Application Review Criteria & Scoring System

1. Overall Impact
2. Scored Review Criteria
 - Significance
 - Investigator(s)
 - Innovation
 - Approach
 - Environment
3. Scoring system: Utilizes a 9-point rating scale (1=exceptional; 9=poor)

Important Dates

- Letter of Intent due date (recommended): **December 25, 2016**
30 days prior to application due date; email Program Director,
linaj@mail.nih.gov.
- First application due date: **January 25, 5:00 pm** local time of applicant institution
- Application Review: June/July 2017
- Earliest Start Date: October 2017
- Future Application Due Dates: **May 25, September 25, January 25**
- Expiration Date: September 8, 2019

Contacts

Program	Referral and Grants Management	Application Submission
<p>Alison Lin, PhD Program Director NCI 240-276-6177 linaj@mail.nih.gov</p>	<p>NCI Referral Officer NCI 240-276-6390 ncirefof@dea.nci.nih.gov</p>	<p>eRA Commons Help Desk 301-402-7469 or 866-504-9552 (Toll Free) http://grants.nih.gov/support/index.html commons@od.nih.gov</p>
	<p>Sean Hine Grants Management NCI 240-276-6291 hines@mail.nih.gov</p>	<p>Grants.gov Customer Support 800-518-4726 https://grants-portal.psc.gov/ContactUs.aspx support@grants.gov</p>
		<p>Grants Info 301-710-0267 GrantsInfo@nih.gov (preferred)</p>

Questions?



<http://crchd.cancer.gov>



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NCI Center to Reduce Cancer
Health Disparities (CRCHD)



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