D43 Global Cancer Research Training Program (RFA CA 20-031)

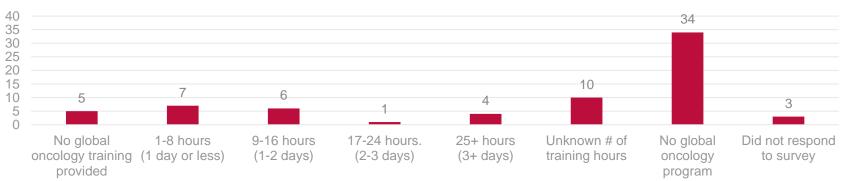
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Global Oncology Training Gaps at NCI-Designated Cancer Centers (NDCCs)

building

Fig 10. Hours of training within global oncology programs



Strengthening Institutional Capacity to Conduct Global Cancer Research (D43)

- Lack of opportunities for cancer research training in LMICs
 - FY10-19, 3% of >3000 NCI Training Awards had a foreign component





- CGH has addressed through a dedicated global cancer research training program. Developed with
 - NCI Center for Cancer Training
 - Office of Cancer Centers



Funding Objective and Scope

Institutional Training Grant awarded to US-LMIC Collaboration

- Support pre- and post-doctoral training of US and LMIC scientists
 - Degree/Certificate; mentored research experiences; specialized research skills; research-relevant capacity
- Facilitate research leadership/mentorship at US and LMIC institutions
 - LMIC mentors supervise research experiences; in-country workshops
- Provide durable funding (5 years) to allow multi-disciplinary training programs to address cancer research priorities and opportunities in LMICs

Structure and Organization of a D43 Grant

- US Institution Primary Applicant and Contact PI (MPIs allowed)
- Propose US and LMIC trainee development
 - To develop specific research expertise (Long term training:>6 months)
 - To provide mentored research experiences (Medium term training: 3-6months)
 - To provide skills to facilitate research progress (Short term training: <3 months)
- Focus on building a strong faculty/mentor team; trainee development and career independence
- Grant pays for Stipend, Tuition, Faculty effort, research costs

D43 Timeline

- FOA Published April 14, 2020
- Pre application webinar May 18, 2020 (181 participants)
- Receipt dates: July 24, 2020; June 24, 2021
- Applications under review for first round

Toward a more comprehensive global cancer research training strategy

Improve global cancer research skills



Support global cancer investigators



Build global cancer research environments

Increase access to key cancer training opportunities

- DCCPS Training Institute in Dissemination and Implementation Science
- DCP Summer Curriculum NHGRI Summer Institute in Genomics

Increase access to core research skills

- Grant writing
- Manuscript writing
- · Data analysis
- Science communication

Address other key content areas

Extramural

- Increase global cancer applicants to suitable NCI career development awards
- Strategic co-funding of Fogarty K01/K43/fellowship awards
- Other global cancer fellowship/developmental award programs

Intramural

- Short-term scientist exchange program
- Improve support for international intramural trainees and/or trainees with global research interests

NCI D43 – Institutional Training Grant

Co-funding for Fogarty bioethics R25

Support for global oncology at NCI-designated cancer centers

Leverage HIV and other investments

