

Administrative Supplements to the NCI-designated Cancer Centers to Promote Cancer Prevention and Control Research and Training in LMICs

NCI Scientific Program Leaders Meeting
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Purpose

To promote **cancer prevention and control research and training in LMICs** through collaborations and research partnerships between the NCI-designated Cancer Centers and institutions in low- and middle-income countries

Background

1. Cancer is a leading cause of death worldwide with a disproportionate burden occurring in LMICs
2. Twinning between NCI-designated Cancer Centers and LMIC institutions will strengthen the cancer prevention and control activities in LMICs
3. This initiative is a re-issuance of a competitive contract program funded by NCI in FY 2013; modified in scope

NCI-designated Cancer Centers

1. 2011 Survey of global health activities
2. Participation in 2012 NCI CGH Stakeholder Meeting
3. 2013 Competitive Supplement Program
 - a. Up to \$200,000 per year for two years
 - b. 1 application per Cancer Center
 - c. 40 applications; 15 awards

Funded Projects

Cancer Center	Title	Principal Investigator
University of Texas M.D. Anderson	A Low Cost Optical Imaging Tool for Cervical Cancer Prevention	Dr. Kathleen Schmeler
Virginia Commonwealth University - Massey	Cloud-based Collaboration for Radiotherapy Clinical Trials, Research and Training.	Dr. Jatinder Palta
Dana Farber	Tobacco-Free Teachers: Pilot study to assess program adoption in schools in India	Dr. Glorian Sorenson
Indiana U Melvin and Bren Simon	Vincristine Optimization in Kenyan Children with Cancer	Dr. Jodi Skiles
Vanderbilt-Ingram	Cancer Bioinformatics Network in the Central America LMICs: Gastric Cancer Focus	Dr. Jennifer Pietenpol
Johns Hopkins-Sidney Kimmel	HIV Infection, Viral Hepatitis, Hepatocellular Carcinoma in Uganda	Dr. Gregory Kirk
Memorial Sloan-Kettering	Expanding a team of clinical investigators in Nigeria with a prospective colorectal cancer biobank and database.	Dr. T. Peter Kingham
UCSF-Helen Diller	A Study of Etiology of Esophageal Cancer in Tanzania	Dr. Robert Hiatt, Dr. Katherine Van Loon

Funded Projects (cont.)

Cancer Center	Title	Principal Investigator
Dartmouth Norris Cotton	Tanzanian Research Training Program in HIV Related Malignancies	Dr. Mark S. Ernstoff
University of Wisconsin-Carbone	An African Pain Policy Fellowship: a Pilot Regional Collaboration to Improve Opioid Availability for Cancer Pain	Dr. James Cleary
St Jude	St. Jude Comprehensive Cancer Center -Pequeno Principe Research Institute Twinning Program	Dr. Gerard Zambetti
University of North Carolina-Lineberger	Building Cooperation & Capacity for Cervical Cancer Research between LCCC, Zambia & Malawi	Dr. H. Shelton Earp
UW Fred Hutchinson	Expanding Capacity for Infection-Related Cancer Research by Examining the Contribution of Viral Genomic Diversity to the Clinical Manifestations of Cancer in Uganda	Dr. Corey Casper Dr. Alena Anderson
Roswell Park	Initiative to Improve Cancer Care in Ghana and Nigeria	Dr. Alex Adjei
UCSD-Moores	Training Chilean Bioinformatics Researchers in the Cancer Genomics Field	Dr. Anil Sadarangani Dr. Catriona Jamieson

Global cancer project map

- Global mapping program in development
 - Will capture grants, contracts, institutional twinning, department and individual projects, professional societies, etc
 - Partnership with Global Oncology!
 - NGO started by two Harvard medical oncology fellows
 - Roll-out March 2015 Consortium of University Global Health programs annual meeting

FY15 Pilot Project Topics

- Clinical and translational research
- Detection and diagnosis of cancer, including anatomic and clinical pathology
- Health surveillance including cancer registries and death registries
- Knowledge sharing
- Implementation science
- Informatics and mHealth
- HIV-associated malignancies
- Malignancies associated with chronic infection

Mechanism and Funds Available

1. Administrative Supplement
 - To the Developmental Funds component of the CCSG
 - Funds will be restricted to support pilot studies proposed in the supplement application

2. CGH expects to make 10, 2-year, \$200,000 dollar total cost awards
 1. \$4 million dollars, total costs
 - \$2 million dollars, total costs, in each FY15 and FY16

 2. Funds will be provided by the NCI/CGH Research budget

Eligibility Requirements

1. The cancer center Director must serve as the PI of the supplement; member(s) of the cancer center may serve as the leader(s) of the research and/or training project
2. Mentored projects by junior US CC investigators are encouraged
3. An LMIC investigator must co-lead the project

Eligibility Requirements continued

4. Proposed research should have a direct, local benefit and address issues important to all stakeholders including researchers, Ministries, and community members
5. Cancer centers are expected to leverage existing research and training efforts supported by NIH/NCI in the LMIC
6. At least 50% of funds must be directed to the LMIC institution

Allowable Costs

1. Personnel, salary support for:
 - Principal investigator(s)
 - Mentor(s)
 - Other personnel
2. Limited travel for the LMIC co-leader to present the research and/or training program at conferences
3. Costs for procuring specialized materials/ resources/ reagents that cannot be accommodated by the Cancer Center shared resources

Review Criteria

1. Quality of the approach of the proposed research and/or training program
2. Relevance to the proposed research and/or training program to the strengths of the cancer center and the needs of the LMIC institution
3. Appropriateness of the LMIC environment for the proposed research and/or training program

Review Committee

1. NCI Office of Cancer Centers
2. NCI Divisions, Office, and Centers with expertise in the areas of the proposed pilot projects
3. NCI Center for Global Health
4. Additional experts will be sought based on the scope of the proposals