Update from the NCI Center for Global Health

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NCI and ASCO Academic Global Oncology Meeting

Center for Global Health

June 25, 2020
Recent Global Events Have Evoked Global Responses

The New York Times

Coronavirus Accelerates Across Africa

By Ruth Maclean
June 16, 2020

The virus was slow to start in many African countries, but epidemiologists say the number of confirmed cases on the continent is now rising fast.

Workers disinfecting a gravesite before burying a man believed to have died from the coronavirus, at a cemetery in Nairobi, Kenya, last month. Brian Inganga/Associated Press

After the death of George Floyd, Africa mobilises against police violence

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Family members of people killed by Kenyan Police protest in front of the Kenyan Parliament against police brutality in Nairobi on June 9, 2020. © Patrick Meinhardt, AFP

Text by: Remah HOUEX
COVID-19 and Racial Disparities Threaten Cancer Control Everywhere

Mortality as a function of cancer type and status (A) and cancer type and therapy type (B). Composite outcome as a function of cancer type and status (C) and cancer type and therapy type (D).

Sharpless, Science 2020
ASCO Is a Longstanding and Important Partner for NCI Center for Global Health

- Annual Symposium for Global Cancer Research at the Consortium of Universities in Global Health Annual Meeting
  - March 11, 2021 in Houston
  - Dissemination of meeting content in *JCO Global Oncology*
- International Cancer Control Partnership (ICCP)
- 2018-19 Global Oncology Survey of NCI Designated Cancer Centers coordinated with ASCO Academic Global Oncology Task Force
  - Dissemination in *JCO Global Oncology*
- International trainings
# 8th Annual Symposium on Global Cancer Research - Webinar Series

June-August, 2020

Due to the COVID-19 pandemic, the 8th Annual Symposium on Global Cancer Research (ASGCR), scheduled for April 17, 2020, was not held as an in-person Symposium. We are pleased to announce that the ASGCR Scientific Steering Committee is partnering with the Consortium of Universities for Global Health (CUGH) to present some of the timely scientific content from the Symposium through the CUGH global health webinar series.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>10 July</td>
<td>8th Annual Symposium on Global Cancer Research Selected Oral Abstract Presentations&lt;br&gt;Friday, 10 July 2020, 11AM-12PM US ET. Register <a href="https://www.cugh.org">here</a> .</td>
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<td>05 August</td>
<td>3-Part Series: Global Efforts to Reduce the Burden of Cervical Cancer: What Will it Take?&lt;br&gt;Session Two: Latest scientific advances, tools, and approaches to address cervical cancer control at the country-level&lt;br&gt;Wednesday, 05 August 2020, 11AM-12PM US ET. Registration link pending.</td>
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[https://www.cugh.org](https://www.cugh.org)
[https://www.cancer.gov/about-nci/organization/cgh/events](https://www.cancer.gov/about-nci/organization/cgh/events)
Why We Wanted to Have this Virtual Meeting Today

Not lose momentum from the inaugural meeting last year

Retain focus on cancer as an urgent global public health problem

Reconnect with a community committed to addressing global cancer

Highlight maturation of global oncology as an academic discipline

Inform future meetings when we can meet in person

Young investigators supported by ASCO Global YIAs

US-LMIC global oncology collaborations
National Cancer Institute

Established by the National Cancer Institute Act of 1937 and in current form by the National Cancer Act of 1971

Leads, conducts, and supports cancer research across the nation to advance scientific knowledge and help all people live longer, healthier lives

FY20 Annual Budget: $6.25 billion

https://www.cancer.gov/about-nci/overview
...we have recently established the NCI Center for Global Health, which will develop an appropriate research strategy to help incorporate cancer control into global health programs; foster relevant research activities throughout the NCI’s own extramural and intramural divisions; and work closely with the many potential collaborators who have displayed an interest in shared objectives.

Strikingly, many...questions are not only relevant to cancer in the developing world, they address problems that can be solved only by giving more attention to cancers in other parts of the globe.
A Refreshed NCI Center for Global Health

Mission

CGH supports the NCI mission by advancing global cancer research, and by coordinating NCI engagement in global cancer control.

Vision

Reduce worldwide cancer suffering through global scientific discovery and dissemination.

Goals

• Support innovative, impactful research that addresses key scientific issues in global cancer control and/or leverages unique scientific opportunities afforded by global collaboration.
• Support global cancer research training, particularly in low- and middle-income countries, that enables impactful global scientific collaboration.
• Promote the integration of current scientific knowledge in global cancer control.
• Represent the NCI and promote its engagement with key partners in global cancer control.
NCI Global Portfolio (FY19)

**Extramural**

- 37 Direct International Awards, 0.5%
- 786 Foreign Component Awards, 11.2%
- 6,168 Domestic Awards, 88.2%

**Intramural**

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<thead>
<tr>
<th>NCI Intramural Division</th>
<th># Projects with Intl. Collaborators</th>
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<tbody>
<tr>
<td>Center for Cancer Research</td>
<td>216</td>
</tr>
<tr>
<td>Division of Cancer Epidemiology and Genetics</td>
<td>93</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>309</strong></td>
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Center for Global Health Portfolio (2011-2020)

- CGH has supported 192 grants, grant supplements, and research contracts with collaborators from 62 countries

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<tr>
<th>Type of Grant Program</th>
<th># of Grants (FY11-19)</th>
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<tr>
<td>CGH Portfolio (includes co-funding)</td>
<td>128</td>
</tr>
<tr>
<td>CGH Coordination of Trans-NIH/NCI Initiatives</td>
<td>64</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>192</strong></td>
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- CGH has supported cancer research training for >150 individuals from >50 countries through the Division of Cancer Prevention Summer Curriculum, the Short-Term Scientist Exchange program, and co-funding through Fogarty training programs (D43, K43, and R25)
Supporting Innovative, Impactful Global Cancer Research

• **Affordable Cancer Technologies (ACTs) Program** *(Paul Pearlman)*
  - Program to support translational research on adapting new point-of-care technologies to address cancer in LMICs

• **International Bilateral Programs** *(Paul Pearlman)*
  - Foster international collaboration with key partners on areas of mutual interest in Brazil, China, Russia, South Africa, Turkey

• **Tobacco Cessation, HIV, and Comorbidities in LMICs** *(Mark Parascandola)*
  - New NCI U01 FOA will bring together transdisciplinary teams to adapt tobacco cessation interventions for people living with HIV in LMICs

• **Dissemination and Implementation Science for Cancer Prevention and Control in Low-Resource Environments** *(Mark Parascandola; NOT-CA-20-025)*
  - Supports implementation research related to cancer prevention and control in LMICs and in low-resource settings
Supporting Global Cancer Research Training

**Strengthening Institutional Capacity to Conduct Global Cancer Research (D43)**  
(Sudha Sivaram; RFA-CA-20-031 applications due 7/24/2020)

- Lack of global cancer research training support for US and LMIC scientists
- CGH has addressed through a dedicated global cancer research training program
- Developed with NCI Center for Cancer Training and Office of Cancer Centers

**Short-Term Scientist Exchange Program** *(Vidya Vedham)*

- Exchanges between non-US and NCI intramural scientists

**NIH Support for Conferences and Scientific Meetings** *(R13; James Alaro)*

**Division of Cancer Prevention Summer Curriculum**
Fostering Global Cancer Research at NCI-Designated Cancer Centers

- NCI recognizes 71 centers meeting rigorous standards for transdisciplinary, state-of-the-art research focused on cancer
  - 33 Centers have a formal Global Oncology program
  - 61 Centers reported >600 non-NIH-funded Global Oncology projects

- CGH has supported a series of grant supplements to encourage growth of Global Oncology as a scientific discipline at NDCCs:
  - Administrative Supplement to Stimulate or Strengthen Global Cancer Health Disparities Research (2020; NOT-CA-20-032; James Alaro)
  - Supplements to Promote Clinical Research Studies on Pediatric Burkitt Lymphoma in Low- and Middle-Income Countries (2016; PAR-16-086)
  - Administrative Supplements to Promote Cancer Prevention and Control Research in Low and Middle Income Countries (2015; PAR-15-155)
  - RFPs for Pilot Collaborations with LMICs in Global Cancer Research at NCI-Designated Cancer Centers (2014; contract mechanism)

- CGH has worked with NCI Office of Cancer Centers to improve incorporation of global oncology into Cancer Center Support Grants
Promoting Science-Based Global Cancer Control

**Cancer Research and Control ECHO Program** *(Kalina Duncan & Mishka Cira)*

- Virtual knowledge exchange and community of practice in cancer control
- Connects researchers to policy makers, planners, and implementers in LMICs
- Africa ECHO now led by Africa-based steering committee, the Kenyan Network of Cancer Organizations, and coordinated by CGH
  - Cancer care in COVID-19 era series held in April-August
- CGH working with the International Cancer Control Partnership (ICCP) to launch an ECHO focused on implementing national cancer control plans in 2020
Conclusions

Holding this meeting during this time emphasizes the importance of academic global oncology as an emerging discipline.

This is an exciting time for global health at NCI with many ongoing initiatives and new programs under development.

We look forward to continued partnership with ASCO and all of you to support continued growth of our field.
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https://www.cancer.gov/about-nci/organization/cgh