



2018 NCI-Designated Cancer Center Global Oncology Survey

Report to the Ad Hoc Subcommittee on Global Cancer Research

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Aims

- Describe the non-NIH funded global oncology activities led by NCI-Designated Cancer Centers in a centralized resource as this **does not exist elsewhere**
- **Inform program planning, identify collaboration opportunities, and decrease duplication** through improved knowledge of non-NIH funded global oncology activities at NCI-Designated Cancer Centers
- Use results to **convene and coordinate** NCI-Designated Cancer Centers around global oncology opportunities and activities (a direct response to Ad Hoc Subcommittee Working Group on Global Cancer Research recommendations)

How the 2018 approach differs from past years

- **Expanded survey** developed collaboratively with ASCO's Global Oncology Task Force, convened in 2018 to study current training in global oncology at US Cancer Centers
- Online survey tool, identification of global oncology leads at NCI-Designated Cancer Centers, and regular follow-up contributed to **increased response rate** over past years

Definitions

Global Oncology Program: global oncology activities at NCI-Designated Cancer Centers, such as training and faculty engagement, led under a “formal” or “designated” program.

Global Oncology Project: A specific global oncology activity led by an NCI-Designated Cancer Center with an international collaborator. A Center could have global oncology projects but not a formal global oncology program.

Methods

- Questionnaire fielded to NCI-Designated Cancer Center Directors, administrators, and global oncology leads (where known).
- Data collected on global oncology training, faculty engagement, non-NIH funded projects, sources of funding. Data coded, cleaned, analyzed by NCI Center for Global Health staff.
- Limitation: Data were self-reported by each NCI-Designated Cancer Center. Completeness of data is at the discretion of responding institutions, and may vary depending on who within the institution supplied or collected the information.

Survey Response Rate

Total of 65 responses out of 70 NCI-Designated Cancer Centers – 93% response rate (as of 25 th October 2018)		
	NCI-Designated Cancer Center has a formal global oncology <u>program</u> ?	NCI-Designated Cancer Center has global oncology <u>projects</u> that are NOT funded by NCI?
Yes	30 (43%)	57 (81%)
No	35 (50%)	8 (11%)
No response	5 (7%)	5 (7%)

Projects listed by NCI-Designated Cancer Centers

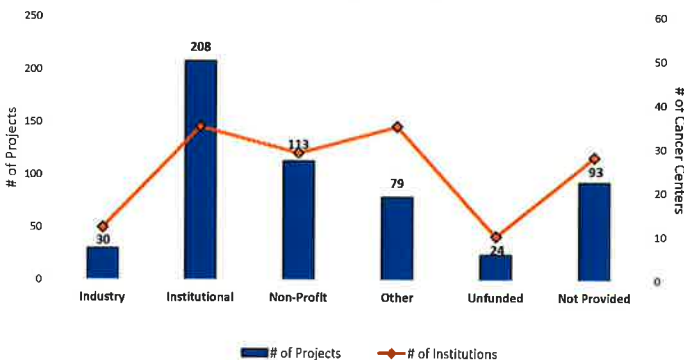
Cancer Center	# of Projects	Cancer Center	# of Projects
University of Texas MD Anderson	58	Vanderbilt University	5
University of California San Francisco	49	Duke University	4
City of Hope/Beckman Research Institute	46	Sanford Burnham Prebys Medical Discovery Institute	4
Yale University	30	University of Wisconsin	4
H. Lee Moffitt Cancer Center and Research Institute	24	Wayne State University	4
St. Jude Children's Research Hospital	24	Columbia University	3
Fox Chase Cancer Center	20	University of California San Diego	3
Oregon Health & Science University	17	University of Colorado Denver	3
University of Michigan	17	University of Kansas	3
Johns Hopkins University	16	University of Pennsylvania	3
University of Oklahoma	14	University of Texas Health Science Center at San Antonio	3
Sloan-Kettering Institute for Cancer Research	13	University of Utah	3
Tisch Cancer Institute	13	Georgetown University	2
University of California Los Angeles	12	University of Maryland Baltimore	2
Fred Hutchinson Cancer Research Center	11	University of Nebraska	2
University of Hawaii	11	University of New Mexico	2
Indiana University - Purdue University at Indianapolis	9	Wake Forest University	2
Rutgers University	9	Washington University	2
University of Alabama at Birmingham	9	Mayo Clinic	1
University of Southern California	9	Purdue University	1
Emory University	8	Roswell Park Cancer Institute	1
Baylor University	7	Stanford University	1
Massachusetts Institute of Technology	7	University of California Davis	1
Dartmouth College	6	University of Iowa	1
Thomas Jefferson University	6	University of Kentucky	1
University of Chicago	6	University of Virginia Charlottesville	1
Case Western Reserve University	5	Wistar Institute	1
Dana-Farber Cancer Institute	5	Yeshiva University	1
University of Minnesota	5		

Preliminary Results: Key Highlights

- Global oncology programs and projects **focused primarily on research and capacity building and training.**
- Compared to NCI-funded projects, non-NIH funded global oncology projects were more likely to be **focused on prevention; early detection or diagnosis; or cancer control, survivorship, and outcomes research.**
- Approximately 14% of reported non-NIH funded global oncology projects **focus on childhood cancers.**

Preliminary Results: Types of Project Funding

Non-NIH Funded NCI-Designated Cancer Center Global Oncology Projects by Type of Project Funding

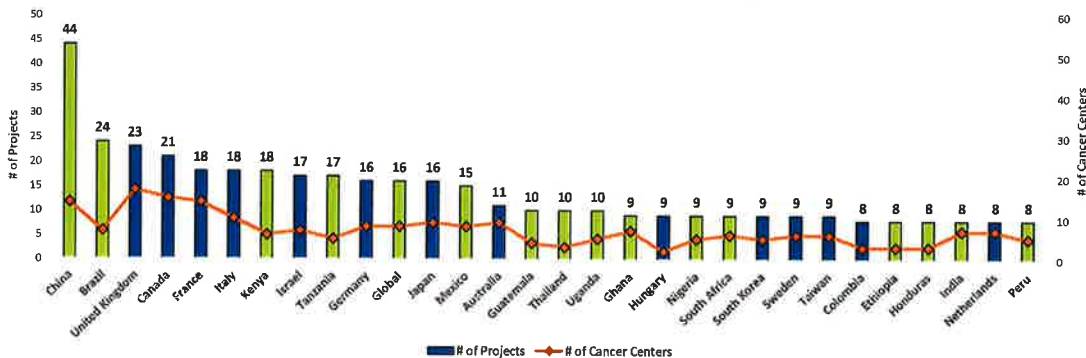


Type of Project Funding	Example of Funders Reported
Industry	Bristol-Myers Squibb Foundation; Cepheid
Institutional	NCI-Designated Cancer Centers; Hospitals
Non-Profit	Susan G. Komen; STOP Cancer
Other	US Department of Defense, European Commission; University of Oxford; Chinese Ministry of Science and Technology
Unfunded	Funding for the project was in development; the project was a result of an unfunded collaboration

Preliminary Results: Country Collaborators

Non-NIH funded global oncology projects from NCI-Designated Cancer Centers were coded to country collaborators. Projects could have more than one collaborator. The top 30 collaborator countries are shown below. 17 of the top 30 collaborator countries are low- or middle-income countries (shown in green).

Non-NIH Funded NCI-Designated Cancer Center Global Oncology Projects by Collaborator Countries



How does this compare to NCI-funded FY17 global cancer projects?

Compared to NCI-funded projects, non-NIH funded projects from NCI-Designated Cancer Centers are more likely to have collaborators from low- or middle-income countries.

Dissemination and Utilization

- Full report available in early 2019
- Data will be used to enhance and inform CGH strategic program planning
- Opportunities for dissemination to global oncology community
 - NCI Website
 - NCI-Designated Cancer Centers
 - Relevant meetings and conferences
- Future surveys to refresh data (2020 and thereafter)



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Appendix Slides

1. Appendix 1: Methodology
2. Appendix 2: Data limitations
3. Appendix 3: Data example

Appendix 1: Methodology

Survey was designed collaboratively by NCI/CGH and ASCO. Questions on the survey were divided into two parts:

1. NCI-Designated Cancer Center-level questions: focused on level of faculty engagement in global oncology, sources of funding for global oncology activities, level of trainee involvement and career interest in global oncology.
2. Project-level questions: focused on non-NIH funded global oncology projects led by the NCI-Designated Cancer Centers with an international collaborator (to get a more holistic view of all global oncology activities happening at each NCI-Designated Cancer Center).

The NCI-Designated Cancer Centers were given two options for submitting their responses to the survey:

1. Via an online Google Forms survey
2. Via an Excel spreadsheet that mirrored the online survey

The survey was sent out via email in a staggered approach, so as to allow time for NCI/CGH staff to answer respondents' questions. Contact information for NCI-Designated Cancer Centers was collected from the NCI Office of Cancer Centers, ASCO, and from NCI/CGH colleagues with global oncology contacts at the Cancer Centers.

- The survey was piloted to 7 NCI-Designated Cancer Centers in early 2018, and minor adjustments were subsequently made to 2 survey questions.
- The revised survey was sent out to 23 NCI-Designated Cancer Centers in March 2018, and to the remaining 40 NCI-Designated Cancer Centers in May 2018.

Periodic reminders were sent out via email. Twenty-five NCI-Designated Cancer Centers (36%) held one-on-one calls with NCI/CGH staff to ask questions and clarify points about the information request.

NCI/CGH staff cleaned, coded, and analyzed the data in October and November 2018.

