Part 1: Global Oncology Programs and Training Opportunities at NCI-Designated Cancer Centers

This 2021 global oncology survey of NCI-Designated Cancer Centers is led by the National Cancer Institute Center of Global Health (NCI/CGH) in collaboration with the American Society of Clinical Oncology (ASCO), the global cancer special interest group of the American Society of Preventive Oncology (ASPO), and the American Association for Cancer Research (AACR). It is designed to understand the global oncology programs, activities, and projects at your Cancer Center, to inform both the NCI-Designated Cancer Center community and the larger global oncology community. This survey focuses on the global oncology activities and projects that are not directly supported by NIH, as such activities are not readily captured in existing NIH databases. Given the robust portfolio of global oncology activities at NCI-Designated Cancer Centers that are not directly supported by NIH, we anticipate this survey will help provide a clearer view of the breadth and depth of global oncology engagement at Cancer Centers.

As with prior surveys such as the 2018-2019 Global Oncology Survey of NCI-Designated Cancer Centers, results from this survey will contribute to a comprehensive report of global oncology activities and training programs that can be shared with NCI, ASCO, ASPO, AACR, and the NCI-Designated Cancer Center network, as well as other stakeholders. Data from this survey may also inform a publication, similar to the JCO Global Oncology publication that followed the 2018-2019 survey. The objective of the report and subsequent publication is to create a tool for Cancer Centers and collaborating institutions to learn about projects with global collaborators, find new areas for global oncology collaboration, reduce duplicative efforts, and identify gaps in global cancer research and training activities.

COVID-19 disclaimer: We recognize that your Cancer Center’s global oncology activities have likely been affected by the ongoing COVID-19 pandemic. There are specific questions included (Section VI) that ask you to reflect on the impact of the COVID-19 pandemic on your Cancer Center’s global oncology activities.

The information provided in this survey is voluntary. Thank you for participating.

1. Please enter your contact information below:
   - Email address: ________________________________
   - Cancer Center Name: ________________________________
   - Respondent Name: ________________________________

(End of Page 1)
Section I: Global Oncology Program at your Cancer Center

For the purposes of this survey, we use “global oncology program” to refer to any dedicated department, office, or program that leads the management of global oncology activities across your Cancer Center, typically with dedicated faculty/staff effort, and in some cases, a dedicated operating budget. If you do not have a designated program but do engage in global oncology activities, there will be space to provide that information later in the survey.

2. Does your Cancer Center currently have a global oncology program (a dedicated department, office, or program that leads the management of global oncology activities across your Cancer Center)?
   - Yes
   - No

(End of Page 2 )
3. What is the design/structure of your global oncology program? Select all that apply.
- Centrally led and coordinated within your Cancer Center
- Informally led and coordinated within your Cancer Center
- Based outside the Cancer Center (Global Health Department, etc.)
- Has a dedicated annual operating budget earmarked for global oncology activities
- Other, please specify: ______________________________

(End of Page 3)
4. Please provide the contact information for the global oncology program leader(s) at your Cancer Center.
   Name ________________________________
   Position ______________________________
   Degree(s) ______________________________
   Email Address __________________________
   Phone Number __________________________

(End of Page 4 )
5. Does your global oncology program have additional leaders at your Cancer Center?
   - No
   - Yes

   Name: ________________________________________  
   Position: ________________________________________  
   Degree(s): ________________________________________  
   Email Address: ________________________________________  
   Phone Number: ________________________________________  

6. Who is the best contact for questions/information about your global oncology program?
   - Contact previously provided
   - Different:

   Name: ________________________________________  
   Degree(s): ________________________________________  
   Position: ________________________________________  
   Email Address: ________________________________________  
   Phone Number: ________________________________________  

(End of Page 5 )
7. Does your global oncology program have a dedicated website or webpage?
   ○ Yes, please provide a link to your global oncology website/webpage ______________________
   ○ No

(End of Page 6)
8. How many years has your Cancer Center’s global oncology program existed as a dedicated department, office or program that leads the management of global oncology activities across your Cancer Center?
   ☐ < 1 year
   ☐ 1-5
   ☐ 5-10
   ☐ >10 years
   ☐ Unsure

(End of Page 7 )
9. Select the reasons below that motivated your Cancer Center to launch its global oncology program. Select all that apply.

- Priority of Cancer Center Director
- In line with the strategic plan of the Cancer Center
- Priority of Cancer Center faculty/staff
- Priority of Cancer Center trainees
- Priority of other institutional stakeholders, external advisory boards, etc.
- Priority of NIH or other funders
- Opportunity to formalize global efforts already occurring at our Cancer Center
- Opportunity to collaborate with other Cancer Centers working in global oncology
- Other, please specify: ____________________
10. Please rate each of the following priorities by level of importance to your Cancer Center’s global oncology program.

<table>
<thead>
<tr>
<th>Priority</th>
<th>N/A</th>
<th>Not at all important</th>
<th>Somewhat important</th>
<th>Very important</th>
</tr>
</thead>
<tbody>
<tr>
<td>Establishing global oncology as an academic discipline/career path for trainees and/or faculty</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Research collaboration with international communities, institutions, or organizations (in-country)</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Capacity building and training in international communities, institutions, or organizations (in-country)</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Capacity building and training of US personnel to work internationally</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Capacity building and training of international students at the Cancer Center</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Implementation of cancer control programs</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Clinical care/Cancer care delivery onsite</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Global cancer research network or developing/sustaining a community of practice</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Other, please specify:</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>

______________________________
(End of Page 9)
11. What are the current challenges for your Cancer Center’s global oncology program? Select all that apply.

☐ Limited funding opportunities, or funding timelines that reflect real-world circumstances
☐ Limited institutional support for global initiatives
☐ Limited opportunities for academic advancement within the field
☐ Challenges balancing global oncology research demands and clinical practice
☐ Challenges balancing global oncology and non-global oncology research demands
☐ Limited faculty/staff participation in the program
☐ Turnover of engaged faculty/staff
☐ Lack of demand for global oncology training
☐ Lack of standardized curriculum in global oncology training
☐ Lack of recognition/credit opportunities for global oncology program as ‘real’ responsibilities
☐ Lack of dedicated space/resources to fulfil demand for participation
☐ Difficulty in connecting with potential colleagues with aligned training/experience
☐ Difficulty with bureaucratic hurdles (domestic and international)
☐ Other, please specify: ____________________

(End of Page 10)
Section II: Global Oncology Activities at your Cancer Center

This module is for NCI-Designated Cancer Centers without a formal global oncology program, and will ask about global oncology activities at your Cancer Center, faculty participation in global oncology activities, and global oncology training opportunities at or led by your Cancer Center. This module is best answered by someone who coordinates or tracks these activities, if applicable.

For the purposes of this survey, we use "global oncology activities" to include research, training, and implementation activities conducted at least in part outside the United States by faculty/staff/trainees at your Cancer Center as part of their portfolio of responsibilities at your Cancer Center. If you have any questions about what would count as a global oncology activity, please reach out to Mishka Kohli Cira [mishka.cira@nih.gov] and/or Elise Garton [elise.garton@nih.gov].

12. Does your Cancer Center, its faculty/staff, and/or its trainees currently have/participate in global oncology activities?
   - ☐ Yes
   - ☐ No

(End of Page 11)
13. How does your Cancer Center track global oncology activities? Select all that apply.

- Activities are tracked by Office of Community Outreach and Engagement. [In the most recent Cancer Center Support Grants (CCSGs) for NCI-Designated Cancer Centers (PAR-20-043), information regarding “outreach beyond a cancer center’s catchment area, including globally” is requested in the PHS 398 Research Plan]
  
- Activities are tracked by Office of the Director
- Activities are tracked by the Department of Global Health
- Activities tracked by other department/division – specify ____________________
- Activities are tracked by individuals responsible for leading activity
- Activities are not systematically tracked
- Other, please specify: ____________________

(End of Page 12)
### 14. Please rate each of the following priorities by level of importance to your Cancer Center’s global oncology activities.

<table>
<thead>
<tr>
<th>N/A</th>
<th>Not at all important</th>
<th>Somewhat important</th>
<th>Very important</th>
</tr>
</thead>
<tbody>
<tr>
<td>Establishing global oncology as an academic discipline/career path for trainees and/or faculty</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Research collaboration with international communities, institutions, or organizations (in-country)</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Capacity building and training in international communities, institutions, or organizations (in-country)</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Capacity building and training of US personnel to work internationally</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Capacity building and training of international students at the Cancer Center</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Implementation of cancer control programs</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Clinical care/Cancer care delivery onsite</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Global cancer research network or developing/sustaining a community of practice</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Other, please specify:</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

(End of Page 13)

____________________
15. What are the current challenges for your Cancer Center’s global oncology activities? Select all that apply.

- Limited funding opportunities, or funding timelines that reflect real-world circumstances
- Limited institutional support for global initiatives
- Limited opportunities for academic advancement within the field
- Challenges balancing global oncology research demands and clinical practice
- Challenges balancing global oncology and non-global oncology research demands
- Limited faculty/staff participation in the program
- Lack of demand for global oncology training
- Lack of standardized curriculum in global oncology training
- Lack of recognition/credit opportunities for Global oncology program as ‘real’ responsibilities
- Lack of dedicated space/resources to fulfill demand for participation
- Difficulty with bureaucratic hurdles (domestic and international)
- Other, please specify: __________________________

(End of Page 14)
Section III: Faculty/Staff Participation in Global Oncology Activities at your Cancer Center

For the purposes of this survey, we use "global oncology activities" to include research, training, and implementation activities conducted at least in part outside the United States by faculty/staff/trainees at your Cancer Center as part of their portfolio of responsibilities at your Cancer Center. If you have any questions about what would count as a global oncology activity, please contact globaloncsurvey@nih.gov.

16. Does faculty/staff from your Cancer Center collaborate with other schools/academic departments at your institution (e.g., School of Public Health, School of Medicine, etc.)?
   - Yes
   - No
   - My Cancer Center is not attached to an academic institution
   - Unsure

(End of Page 15)
17. What source(s) of non-NIH funding does your Cancer Center utilize for global oncology activities? Select all that apply.

- ☐ Administrative Funds
- ☐ Investigator Discretionary Funds
- ☐ Internal Research Award Funds
- ☐ Charitable/Philanthropic/Donated Funds
- ☐ Professional Membership Society Funds
- ☐ US Government (non-NIH, e.g., CDC, USAID)
- ☐ US Non-Profit
- ☐ US Corporate/Private Sector
- ☐ International – Government
- ☐ International - Non-Profit
- ☐ International Corporate/Private Sector
- ☐ Other, please specify: ____________________

(End of Page 16)
18. Does your Cancer Center provide professional education in global oncology to your Cancer Center faculty/staff? Professional education may include workshops, lectures, and training courses. This is different from formal global oncology training offered to Cancer Center trainees. Questions about formal global oncology training offered to trainees will appear later in the survey.

☐ Yes
☐ No
Section IV: Global Oncology Training Opportunities at your Cancer Center

This section will ask about global oncology training opportunities at your Cancer Center, as well as trainee participation in global oncology activities. For the purposes of this section, “trainees” refer to those receiving specialized training through a residency or fellowship and/or a nursing or research program provided by your Cancer Center. The first questions in this section, questions 19 through 23, are about general training opportunities at your Cancer Center, not specific to global oncology. These questions will help to understand the size and nature of your training programs.

19. What types of general training opportunities does your Cancer Center offer? Trainees refer to those receiving specialized training through a residency or fellowship and/or a nursing or research program provided by your Cancer Center.

- Clinical
- Research
- Nursing
- Other, please specify: ____________________

(End of Page 18)
20. In the last twelve months, approximately how many clinical residents or fellows received general training at your Cancer Center?

____________________

(End of Page 19)
21. In the last twelve months, approximately how many research trainees received general training at your Cancer Center?

____________________

(End of Page 20)
22. In the last twelve months, approximately how many nurses received general training at your Cancer Center?

______________________________

(End of Page 21)
23. In the last twelve months, approximately how many ‘other’ trainees received general training at your Cancer Center?

____________________

(End of Page 22)
24. Of the trainees that have completed training at your Cancer Center in the last twelve months, approximately how many now work in global oncology?
   ☐ We track this information
   ☐ We do not track this information

Approximately how many now work in global oncology?

____________________

(End of Page 23)
25. Does your Cancer Center partner with an academic institution to offer a graduate degree or certificate in global oncology? Select all that apply.
   - Degree
   - Certificate
   - Neither

(End of Page 24)
26. Does your Cancer Center offer didactic training opportunities for trainees at your Cancer Center in global oncology? Training opportunities may include lectures, workshops, or courses in clinical topics, such as the treatment of certain cancers in a resource-limited setting, or public health topics such as the role for tobacco control policies in cancer prevention.

☑ Yes  ☐ No

(End of Page 25)
27. Does your Cancer Center have a specialized training program dedicated to global oncology?
   ☐ No
   ☐ Yes, please describe the program: ____________________

(End of Page 26)
28. In the last twelve months, how many trainees received training through your Cancer Center’s global oncology training program?
   ☐ We track this information
   ☐ We do not track this information

How many trainees received training through your Cancer Center’s global oncology training program?

____________________

(End of Page 27)
29. What types of global oncology training opportunities does your Cancer Center provide to trainees at your Cancer Center? Select all that apply.

- Academic courses (trainees receive credit)
- Non-academic courses (trainees do not receive credit)
- Lectures or seminars
- Grand rounds
- Other, please specify: ____________________
- Unsure

(End of Page 28 )
30. What types of trainees from your Cancer Center participate in global oncology training opportunities? Select all that apply.
   - Clinical residents or fellows
   - Research trainees
   - Nursing trainees
   - Other, please specify: ____________________

(End of Page 29)
31. In the last twelve months, approximately how many clinical residents or fellows participated in global oncology training?
   ☐ We track this information
   ☐ We do not track this information

How many clinical residents or fellows participated in global oncology training?
____________________

(End of Page 30)
32. Which **clinical** specialty training programs participate in global oncology training? Select all that apply.

- Medical oncology/hematology-oncology
- Infectious disease
- Nursing oncology
- Radiation oncology
- Surgical oncology
- Pediatric oncology
- Pathology
- Radiology
- Pharmacy
- Gynecologic oncology
- Palliative care
- Other, please specify: ____________________

(End of Page 31)
33. Do clinical residents or fellows from your institution do rotations outside the United States?
   ☐ Yes
   ☐ No

(End of Page 32)
34. On average, how long do clinical trainee rotations outside of the United States last?
   ☐ < 3 months
   ☐ 3-6 months
   ☐ 6-12 months
   ☐ > 1 year, please specify: __________________________

(End of Page 33)
35. Please list countries where **clinical** trainee rotations take place:

______________________________________________________________

______________________________________________________________

(End of Page 34 )
36. In the last twelve months, approximately how many research trainees participated in global oncology training?
   ☐ We track this information
   ☐ We do not track this information.

How many research trainees participated in global oncology training?

____________________

(End of Page 35 )
37. Which research training programs participate in global oncology training?
   - Biochemistry
   - Bioinformatics
   - Cancer biology
   - Epigenetics
   - Genetics
   - Immunology
   - Population science
   - Therapeutics
   - Other, please specify: ____________________

(End of Page 36)
38. Do research trainees from your institution conduct research in settings outside of the United States?
   ☐ Yes
   ☐ No

(End of Page 37)
39. Please list countries where research takes place:

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

(End of Page 38)
40. In the last twelve months, approximately how many nursing trainees participated in global oncology training?
   ☐ We track this information
   ☐ We do not track this information

How many nursing trainees participated in global oncology training?
____________________

(End of Page 39)
41. Do nursing trainees from your institution do rotations outside of the United States?
   ☐ Yes
   ☐ No

(End of Page 40)
42. Please list countries where nursing trainee rotations take place:

______________________________________________________________

______________________________________________________________

______________________________________________________________

(End of Page 41)
43. In the last twelve months, approximately how many ‘other’ residents or fellows participated in global oncology training?
   ☐ We track this information
   ☐ We do not track this information

How many ‘other’ residents or fellows participated in global oncology training?
____________________

(End of Page 42)
44. Do ‘other’ trainees from your institution conduct research in settings outside of the United States?
  - Yes
  - No

(End of Page 43)
45. Please list countries where ‘other’ trainee research/rotations take place.

______________________________________________________________

______________________________________________________________

(End of Page 44)
46. Does your Cancer Center provide training to international trainees? International trainees refer to trainees outside of the U.S. that have traveled to your Cancer Center to receive specialized training through a residency or fellowship and/or a nursing or research program.

- Yes
- No

(End of Page 45)
47. In the last twelve months, approximately how many international trainees receives training at your Cancer Center?
   ☐ We track this information
   ☐ We do not track this information

How many international trainees receive training at your Cancer Center?
____________________

(End of Page 46)
48. In the last twelve months, approximately how many international trainees at your Cancer Center were from low- and middle-income countries?
   ☐ We track this information
   ☐ We do not track this information

How many international trainees at your Cancer Center were from low- and middle-income countries?

____________________

(End of Page 47)
49. In the past year, has your Cancer Center had training/capacity building interactions with trainees from LMICs that are not receiving specialized training at your Cancer Center (observerships, in-country trainings, etc.)?
- Yes, funded through our Cancer Center
- Yes, self-funded by trainee or their home institution
- No

(End of Page 48)
50. In the last twelve months, what types of training/capacity building interactions has your Cancer Center had with visiting trainees from LMICs? Select all that apply.

- Observerships
- In-country training/short courses
- Mentorship opportunities
- Short-term exchange programs
- Telementoring/online training/knowledge exchange
- Other, please specify: ____________________

(End of Page 49)
Section V: Collaborations with other NCI-Designated Cancer Centers

51. Does your Cancer Center collaborate with other NCI-Designated Cancer Centers on global oncology activities?
   ○ Yes
   ○ No
   ○ Unsure

(End of Page 50)
52. Please list NCI-Designated Cancer Centers your Cancer Center collaborates with on Global Oncology activities.

- Abramson Cancer Center
- Albert Einstein Cancer Center
- Alvin J. Siteman Cancer Center
- Arizona Cancer Center
- Barbara Ann Karmanos Cancer Center
- Case Comprehensive Cancer Center
- Chao Family Comprehensive Cancer Center
- City of Hope Comprehensive Cancer Center
- Cold Spring Harbor Laboratory Cancer Center
- Dan L. Duncan Comprehensive Cancer Center
- Dana-Farber/Harvard Cancer Center
- Dartmouth-Hitchcock Norris Cotton Cancer Center
- David H. Koch Institute for Integrative Cancer Research at MIT
- Duke Cancer Institute
- Fox Chase Cancer Center
- Fred & Pamela Buffett Cancer Center
- Fred Hutchinson/University of Washington Cancer Consortium
- Georgetown Lombardi Comprehensive Cancer Center
- H. Lee Moffitt Cancer Center
- Harold C. Simmons Comprehensive Cancer Center
- Herbert Irving Comprehensive Cancer Center
- Holden Comprehensive Cancer Center
- Hollings Cancer Center
- Huntsman Cancer Institute
- Indiana University Melvin & Bren Simon Cancer Center
- Jonsson Comprehensive Cancer Center
- Laura and Isaac Perlmutter Cancer Center at NYU Langone
- Markey Cancer Center
- Masonic Cancer Center
- Massey Cancer Center
- Mayo Clinic Cancer Center
- Mays Cancer Center
- MD Anderson Cancer Center
- Memorial Sloan Kettering Cancer Center
- Moores Comprehensive Cancer Center
- OHSU Knight Cancer Institute
- O'Neal Comprehensive Cancer Center at UAB
- Purdue University Center for Cancer Research
- Robert H. Lurie Comprehensive Cancer Center
- Roswell Park Cancer Institute
- Rutgers Cancer Institute of New Jersey
- Salk Institute Cancer Center
- Sanford Burnham Prebys Medical Discovery Institute
- Sidney Kimmel Cancer Center at Thomas Jefferson University
- Sidney Kimmel Comprehensive Cancer Center
- St. Jude Children’s Research Hospital
- Stanford Cancer Institute
- Stephenson Cancer Center
- Sylvester Comprehensive Cancer Center
- The Jackson Laboratory Cancer Center
- The Ohio State University Comprehensive Cancer Center-Arthur G. James Cancer Hospital and Richard J. Solove Research Institute (OSUCCC-The James)
- The University of Virginia Cancer Center
- The Wistar Institute Cancer Center
- Tisch Cancer Institute
- UC Davis Comprehensive Cancer Center
- UCSF Helen Diller Family Comprehensive Cancer Center
- UNC Lineberger Comprehensive Cancer Center
- University of Chicago Comprehensive Cancer Center
- University of Colorado Cancer Center
- University of Hawaii Cancer Center
- University of Kansas Cancer Center
- University of Maryland Marlene and Stewart Greenebaum Comprehensive Cancer Center
- University of Michigan Comprehensive Cancer Center
- University of New Mexico Comprehensive Cancer Center
- University of Wisconsin Carbone Cancer Center
- UPMC Hillman Cancer Center
- USC Norris Comprehensive Cancer Center
- Vanderbilt-Ingram Cancer Center
- Wake Forest Baptist Comprehensive Cancer Center
- Winship Cancer Institute of Emory University
- Yale Cancer Center

(End of Page 51 )
53. In what ways does your Cancer Center collaborate with other NCI-Designated Cancer Centers on global oncology activities?
   - Share resources (technical, financial, HR)
   - Share expertise
   - Share infrastructure (such as biorepositories)
   - Share training opportunities
   - Share data
   - Coordinate on-site activities (at collaborating sites)
   - Expand existing projects, partnerships
   - Knowledge exchange about specific at-home or in-country challenges and solutions
   - Build new projects
   - Other, please specify: ____________________

(End of Page 52)
Would your Cancer Center like to collaborate with other NCI-Designated Cancer Centers on global oncology in any of the following ways in the future? Select all that apply.

- Share resources (technical, financial, HR)
- Share expertise
- Share infrastructure (such as biorepositories)
- Share training opportunities
- Share data
- Coordinate on-site activities (at collaborating sites)
- Expand existing projects, partnerships
- Build new projects
- Knowledge exchange about specific at-home or in-country challenges and solutions
- Not a priority at this time
- Other, please specify: ____________________

(End of Page 53)
55. What are some current challenges your Cancer Center faces in collaborating with other NCI-Designated Cancer Centers on global oncology activities/projects? Select all that apply.

☐ We don’t know with whom to collaborate/we need more information about other global oncology programs first

☐ We don’t have enough financial resources to pursue additional collaborations at this time

☐ We don’t have enough faculty/staff capacity to pursue additional collaborations at this time

☐ We would benefit from greater recognition for global oncology activities and collaboration by NCI

☐ This is not a priority of our Cancer Center at this time

☐ Other, please specify: ____________________

(End of Page 54)
Section VI: Impact of COVID-19

56. Has COVID-19 impacted your Cancer Center’s global oncology activities?
   - Yes
   - No
   - Unsure

(End of Page 55)
57. What challenges has your Cancer Center experienced related to COVID-19 and how much did they affect your ability to carry out planned global oncology activities? While it would be helpful to know each in-country situation/impact, the focus of these questions is from the Cancer Center perspective as it may be challenging to respond on behalf of collaborating institutions. Please select a response for each row, and indicate “N/A” for Other if you have not experienced challenges not listed here.

<table>
<thead>
<tr>
<th>N/A</th>
<th>Not a challenge</th>
<th>Moderately challenging; has impacted a number of global oncology activities</th>
<th>Extremely challenging; has halted all global oncology activities</th>
<th>Unsure</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ability to travel to conduct global oncology projects</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td></td>
<td>Ability to receive international trainees or collaborators</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td></td>
<td>Research priorities diverted</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td></td>
<td>Disruption to transport/access to services/infrastructure (e.g., patients, medicines, materials)</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td></td>
<td>Halting of in-country activities</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td></td>
<td>Funding for global oncology projects and/or activities</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td></td>
<td>Funding for trainees</td>
<td>☐</td>
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<tr>
<td></td>
<td>Other, please specify:</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>

(End of Page 56)
58. What estimated proportion of your Cancer Center’s global oncology activities have been impacted by COVID-19?
   - None
   - <25%
   - 26-50%
   - >50%
   - All
   - Unsure

(End of Page 57)
59. Please provide any additional comments on the impact of the COVID-19 pandemic on your Cancer Center’s global oncology work:

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

(End of Page 58)
Section VII: Feedback on the Global Oncology Survey

60. Did your Cancer Center participate in the 2018 Global Oncology Survey?
   - Yes
   - No
   - Unsure

(End of Page 59)
61. How did your Cancer Center use the results from the 2018 Global Oncology Survey? Select all that apply.

- Increased knowledge about other global oncology activities/collaborations in areas where our Cancer Center works
  - Identified new or potential international collaborators
  - Identified new or potential Cancer Center collaborators
  - Identified new research priorities
  - Identified research gaps
  - Trainees utilized to identify training opportunities
  - Changed our methods for tracking global oncology activities
  - Built institutional support for global oncology program/activities at our Cancer Center
  - Compared our global oncology program to programs at other Cancer Centers
  - Unsure
  - We did not use the results from the 2018 Global Oncology Survey
  - We did not see the results of the 2018 Global Oncology Survey
  - Other, please specify: ____________________

(End of Page 60)
For this section of the survey, please note the following (as per the instructions in the email you received):

For existing global oncology projects reported by your Cancer Center in the 2018 global oncology survey: There will be a table of all project titles. You will be asked to indicate a status for each project (active or inactive).

- For **active** projects (projects that are still on-going, even if paused due to the pandemic or otherwise), enter or verify contact information for the PI (i.e. name and email address). The PI will receive a pre-populated survey with data from the 2018 survey for them to verify and update.

- For **new** projects (projects not reported in 2018), the PI for each project will receive a new project survey to complete information about the project.

- For **inactive** projects (projects that have ended/closed since reporting in 2018), no further action is needed.

(End of Page 61)
The projects for your center are listed on the following page(s). We estimate that you will see *{filled in based on the number of reported projects}* page(s).

Please review the project information below and make any necessary corrections. If you have additional projects, you will be able to add them on subsequent pages.

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Project Description</th>
<th>PI</th>
<th>PI Email Address</th>
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<td>Project 5</td>
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</table>

Do you have more projects to add?
- ☐ Yes
- ☒ No

(End of Page 62)
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Do you have more projects to add?

- Yes
- No
Do you have more projects to add?

- Yes
- No

(End of Page 64)
Do you have more projects to add?
- Yes
- No

(End of Page 65)
Do you have more projects to add?
- Yes
- No

(End of Page 66)
Do you have more projects to add?

- Yes
- No

(End of Page 67)
Do you have more projects to add?

- Yes
- No

(End of Page 68)
Do you have more projects to add?

- Yes
- No

(End of Page 69 )
Do you have more projects to add?
☐ Yes
☐ No
Do you have more projects to add?
- Yes
- No

(End of Page 71)
Do you have more projects to add?

- Yes
- No

(End of Page 72 )
Do you have more projects to add?
  ☑ Yes
  ☑ No
Do you have more projects to add?
- Yes
- No
Do you have more projects to add?

☐ Yes
☐ No

(End of Page 75)
Do you have more projects to add?

- Yes
- No

(End of Page 76)
Do you have more projects to add?
- Yes
- No

(End of Page 77)
Do you have more projects to add?
  ☑ Yes
  ☑ No

(End of Page 78)
Do you have more projects to add?

- Yes
- No
Do you have more projects to add?
☑ Yes
☑ No

(End of Page 80 )
Do you have more projects to add?
- Yes
- No

(End of Page 81)
Do you have more projects to add?

- Yes
- No

(End of Page 82)
Do you have more projects to add?

- Yes
- No

(End of Page 83)
Do you have more projects to add?

- Yes
- No

(End of Page 84)
Do you have more projects to add?
- Yes
- No

(End of Page 85 )
Do you have more projects to add?

- Yes
- No
Do you have more projects to add?

- Yes
- No

(End of Page 87 )
Do you have more projects to add?

☐ Yes

☐ No
Do you have more projects to add?

- Yes
- No
Do you have more projects to add?
- ☐ Yes
- ☒ No

(End of Page 90)
<table>
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Do you have more projects to add?

- Yes
- No

(End of Page 91)
Do you have more projects to add?

☑ Yes

☑ No

(End of Page 92 )
Do you have more projects to add?

- Yes
- No

(End of Page 93)
Do you have more projects to add?
- Yes
- No

(End of Page 94)
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</table>

Do you have more projects to add?

- Yes
- No

(End of Page 95)
Do you have more projects to add?
- Yes
- No

(End of Page 96 )
This section is available to you in case you need to enter any projects. If you have none, just answer no.
Would you like to add any projects?

- Yes
- No

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Do you have more projects to add?

- Yes
- No

(End of Page 97)
Do you have more projects to add?

- Yes
- No

(End of Page 98)
Do you have more projects to add?

- Yes
- No
Do you have more projects to add?

- Yes
- No

(End of Page 100)
Do you have more projects to add?

- Yes
- No

(End of Page 101)
Do you have more projects to add?
- Yes
- No

(End of Page 102)
Do you have more projects to add?
  ☑ Yes
  ☐ No

(End of Page 103)
Do you have more projects to add?

- Yes
- No
Do you have more projects to add?

- Yes
- No

(End of Page 105)
<table>
<thead>
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<th>No.</th>
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(End of Page 106)
62. What is the estimated amount of time (hours) spent responding to this survey?

____________________

(End of Page 107)
63. How many people contributed information to assist in completing this survey?
____________________

(End of Page 108)
Thank you for taking the time to complete this survey. For projects that you identified as **Active or New** a survey for each project will be sent to the PI identified. For projects that you identified as **Inactive**, no further action is needed. Your Cancer Center will have an opportunity to review your submission at the conclusion of this data collection project. If you have any questions, contact globaloncsurvey@nih.gov.

Please click Submit to complete the survey.

(End of Page 109)