

## Engaging Underrepresented HS Students in Research - Fung, et al. Appendix A. Student Entrance Survey.



### 2021 Clinical Research Continuum (CRC) Entrance Survey

Welcome!

**The following survey is being administered by the Doris Duke Charitable Foundation (DDCF), which is funding the Clinical Research Continuum: High School to College (CRC) program that you are participating in at your institution. The survey is for use by DDCF only.**

**To ensure anonymity, no individual identifying information will go back to an individual school program.**

**Questions marked with an asterisk (\*) are required. Please note that once you complete the survey you will not be able to go back and change your answers.**

**The survey should take approximately 10-15 minutes to complete.**

**Thank you!**



## 2021 Clinical Research Continuum (CRC) Entrance Survey

### About You

\* 1. Enter the following information about yourself. (All fields are required. If an item does not apply to you, write "N/A")

First Name	<input type="text"/>
Middle Initial	<input type="text"/>
Last Name	<input type="text"/>
Address	<input type="text"/>
City/Town	<input type="text"/>
State	<input type="text"/>
Zip code	<input type="text"/>
Country	<input type="text"/>
Email address	<input type="text"/>
Home Phone	<input type="text"/>
Cell Phone	<input type="text"/>

\* 2. Student status



## 2021 Clinical Research Continuum (CRC) Entrance Survey

### About You (High School Students)

\* 3. What is the name of the high school you currently attend?

\* 4. What is the last grade you completed?

- 9
- 10
- 11
- 12



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Additional Questions for High School Students (Pt. 1)

\* 5. Do you plan on pursuing additional education following high school?

- Yes
- No
- Unsure



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Additional Questions for High School Students (Pt. 2)

\* 6. If you plan on pursuing additional education after high school, what are you thinking of studying?



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Additional Questions for High School Students (Pt. 3)

\* 7. If you are unsure, or do not plan on pursuing additional education after high school, describe why below.



## 2021 Clinical Research Continuum (CRC) Entrance Survey

### About You (College/Alumni Students)

\* 8. What is the name of the university/college you currently attend?

\* 9. What is the last year of your undergraduate studies you completed?

- 1st year
- 2nd year
- 3rd year
- 4th year

\* 10. What is your current major?

If you are currently undecided, please indicate "Undecided."

11. How has your previous summer in the CRC program helped you in your undergraduate studies so far?

\* 12. Do you plan on pursuing additional education following college?

- Yes
- No
- Unsure



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Additional Questions for College Students/Alumni (Pt. 1)

\* 13. What degree do you plan to pursue?

- Medical degree
- Master's degree
- Doctorate
- Other



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Additional Questions for College Students/Alumni (Pt. 2)

14. In which major/field of study?

15. If "Other," please specify the major/field of study you plan to pursue.



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Additional Questions for College Students/Alumni (Pt. 3)

\* 16. If you are unsure, or do not plan on pursuing additional education after college, describe why below.



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Additional Questions for College Students/Alumni (Pt. 4)

\* 17. Have you continued to conduct research or worked with other research teams after your CRC experience?

- Yes
- No



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Additional Questions for High School Students (Pt. 4)

\* 18. Have you ever worked as part of a research team before?

Yes

No



## 2021 Clinical Research Continuum (CRC) Entrance Survey

\* 19. You answered that you have worked as part of a research team. Please explain when and where below.



## 2021 Clinical Research Continuum (CRC) Entrance Survey

### About your CRC Project

\* 20. At which institution are you participating in the clinical research experience?

- Arthur Ashe Institute for Urban Health, Inc
- Bradley University
- Charles Drew University of Medicine & Science
- Children's Hospital Los Angeles
- Children's Hospital & Research Center Oakland
- Stanford University
- University of Pittsburgh
- University of Wisconsin

\* 21. If known, please provide the title and a brief description of the project you will be working on as part of the Clinical Research Continuum program. (If unknown, write "unknown.")

22. If you already have a mentor(s), fill in the following information about them.

Mentor #1:

First Name	<input type="text"/>
Middle Initial	<input type="text"/>
Last Name	<input type="text"/>
Degrees	<input type="text"/>
Academic Appointment (Title)	<input type="text"/>
Institution	<input type="text"/>
Department	<input type="text"/>
Address	<input type="text"/>
City	<input type="text"/>
State	<input type="text"/>
Zip Code	<input type="text"/>
Phone	<input type="text"/>
E-mail Address	<input type="text"/>

23. Mentor #2:

First Name	<input type="text"/>
Middle Initial	<input type="text"/>
Last Name	<input type="text"/>
Degrees	<input type="text"/>
Academic Appointment (Title)	<input type="text"/>
Institution	<input type="text"/>
Department	<input type="text"/>
Address	<input type="text"/>
City	<input type="text"/>
State	<input type="text"/>
Zip Code	<input type="text"/>
Phone	<input type="text"/>
E-mail Address	<input type="text"/>



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Online Learning

\* 24. Have you ever taken an online course (e.g., class conducted with the use of a computer and the internet)?

- Yes
- No

\* 25. I am comfortable with creating, saving, locating, and opening different types of files on a local computer.

Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

\* 26. I am comfortable with creating, saving, locating, and opening different types of files on a network drive or shared file system.

Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

\* 27. I can learn from a variety of formats (lectures, videos, podcasts, online discussion/conferencing).

Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

\* 28. If I can't figure out something, I am comfortable asking my classmates or the instructor for help via email, discussion board, or chat.

Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

\* 29. I am very good at managing my time so that my work is complete and turned in on time.

Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

\* 30. I am comfortable learning through individual reading and study.

Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



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Online Learning pt 2.

\* 31. If yes, what type of online courses have you taken? [Select all that apply]

- I have taken a class with a few online materials, where coursework (lectures, discussions, assignment submission and feedback) still occurred in-person.
- I have taken a class with some coursework that occurred online, where the majority of coursework was still completed in-person.
- I have taken a class with a majority of the coursework online, where some course work was still completed in-person.
- I have taken a class with all coursework online
- Other (please specify)

\* 32. From my experience with online learning courses, the best way for me to learn is from...

	Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree
Online courses that allow me to progress at my own pace	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Online courses with daily scheduled/structured curriculum (learning sessions)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Online courses with weekly scheduled/structured curriculum (learning sessions)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

\* 33. From my experience with online learning courses, the best way for me to learn is from...  
 (note: if you do not have experience with an online course, please provide a prediction)

	Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree
Pre-recorded lectures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Live-real time video lectures without interaction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Live-real time video lectures with interaction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lectures that include discussion boards/chat rooms	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lectures that include polling software / quizzes during lecture	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Video conferencing lectures / discussions with my Camera on	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



## 2021 Clinical Research Continuum (CRC) Entrance Survey

### More About You (Pt. 1)

\* 34. What do you expect to get out of this experience?

\* 35. Describe two or three personal attributes that you think will make you a good researcher.



## 2021 Clinical Research Continuum (CRC) Entrance Survey

### More About You (Pt. 2)

\* 36. How interested are you in pursuing a research career? For example, working as a scientist in a laboratory, working as a biologist, social scientist, forensic scientist, etc.

Very interested	Somewhat interested	Neutral	Somewhat uninterested	Not at all interested
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

\* 37. How interested are you in pursuing a career in the healthcare field? For example, working as a doctor, nurse or physician's assistant.

Very interested	Somewhat interested	Neutral	Somewhat uninterested	Not at all interested
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



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More About You (Pt. 3)

**Note that for the following question we do not expect you will have experience in all of these areas.**

\* 38. How much experience have you had in the following:

	No experience or feel inexperienced	Little experience	Some experience	Much experience	Extensive experience or mastered this task
Collecting data	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Analyzing data	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Conducting a literature search or review	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reading scientific literature	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Oral presentations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working with lab equipment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
“Shadowing” a doctor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Statistical analysis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Microsoft Word	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Microsoft PowerPoint	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interpreting scientific results	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Thinking independently	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Scientific writing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding the research process	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



2021 Clinical Research Continuum (CRC) Entrance Survey

More About You (Pt. 4)

\* 39. How important were the following factors in your decision to participate in the summer research program?

	Very important	Somewhat important	Neutral	Unimportant	Not at all important
Interest in research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interest in the medical/healthcare field in general	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Increased competitiveness for college/graduate school admissions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Opportunity to spend a summer at the institution	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stipend	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

\* 40. Who or what inspired you to participate in this research program? For example, a teacher, family member, movie, tv show, etc.

If you are unsure of your answer, please write "not sure."

\* 41. Do you have any family members working in healthcare? For example, nurse, doctor, technician, etc.

- Yes
- No
- Don't know/not sure



## 2021 Clinical Research Continuum (CRC) Entrance Survey

\* 42. If you have a family member working in healthcare, what is their job title? (If unknown, write "unknown")



## 2021 Clinical Research Continuum (CRC) Entrance Survey

\* 43. Do you have any family members working in science?

For example, researcher, lab tech, etc.

- Yes
- No
- Don't know/not sure



2021 Clinical Research Continuum (CRC) Entrance Survey

\* 44. If you have a family member working in science, what is their job title? (If unknown, write "unknown")



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The following will be used for statistical purposes only.

45. Gender:

- Male
- Female
- Another identity

46. Date of Birth

Date of Birth

Date

 

47. Are you of Hispanic, Latino, or Spanish origin?

- No, not of Hispanic, Latino, or Spanish origin
- Yes, of Hispanic, Latino, or Spanish origin

48. How would you identify yourself (check any that apply):

- American Indian/Alaskan Native
- Asian
- Native Hawaiian or other Pacific Islander
- Black or African-American
- White
- Other (please specify below)

49. What is the highest level of education obtained by your Parent 1?

- Some high school
- High school graduate or equivalent
- Some college (1-4 years, no degree)
- Associate's degree (including occupational or academic degrees)
- Bachelor's degree (BA, BS, AB, etc)
- Master's degree (MA, MS, MENG, MSW, etc)
- Professional school degree (MD, DDC, JD, etc)
- Doctorate degree (PhD, EdD, etc)
- Don't know/Unsure

50. What is the highest level of education obtained by your Parent 2?

- Some high school
- High school graduate or equivalent
- Some college (1-4 years, no degree)
- Associate's degree (including occupational or academic degrees)
- Bachelor's degree (BA, BS, AB, etc)
- Master's degree (MA, MS, MENG, MSW, etc)
- Professional school degree (MD, DDC, JD, etc)
- Doctorate degree (PhD, EdD, etc)
- Don't know/Unsure

\* 51. IMPORTANT: In order to evaluate the long-term success of the Doris Duke Clinical Research Continuum, we need to follow your educational and career paths after completing the program. The foundation will be sending you periodic email messages that will ask you to update your contact information, and let us know where you are and what you are doing. We will also keep you informed of future funding opportunities offered by the foundation.

By checking this box you acknowledge your understanding of the CRC tracking requirement and agree to provide the foundation with your current contact information.

- Yes, I understand the requirement described above.