

## UNDERGRADUATE INTERN POST-SURVEY

### Project #7: Undergraduate Student Training in Cancer Research

This is a survey about your career goals and motivations to attend graduate school. Your willingness to participate in this survey is voluntary. You may choose to answer specific questions or refuse to complete this questionnaire. There is no penalty or loss of benefits to you if you choose to respond only to certain questions or if you refuse to complete the survey. Your responses will not be shared with your mentor. It will take approximately 10 – 15 minutes to complete this questionnaire. If you agree to participate in this survey, please write your name in the space provided below. This survey should be returned directly to the program's project coordinator, Jennifer Anderson at mailstop M3-B232 or via email at: [janderso@fhcrc.org](mailto:janderso@fhcrc.org). Thank you for your time and contributions to the Cancer Research Internship Program!

Name: \_\_\_\_\_

1. After participating in the Cancer Research Internship Program, what is the highest degree you hope to earn?

- <sup>1</sup> BA/BS
- <sup>2</sup> MA/MS
- <sup>3</sup> MBA
- <sup>4</sup> PhD
- <sup>5</sup> MD
- <sup>6</sup> MD-PhD
- <sup>7</sup> Other health degree (DDS, etc)
- <sup>8</sup> Law degree
- <sup>9</sup> Some other degree

2. What are your career goals?

- <sup>1</sup> To do basic biological research
- <sup>2</sup> To do public health or behavioral research
- <sup>3</sup> To do clinical research
- <sup>4</sup> To do licensed clinical work at the PhD level (e.g. psychologist)
- <sup>5</sup> To work in the allied health professions (such as nursing, social work, paramedic, etc.)
- <sup>6</sup> To practice medicine
- <sup>7</sup> To teach
- <sup>8</sup> Some other career goal *Specify:* \_\_\_\_\_

3. Once you finish your bachelor's degree program, what do you now see as the immediate next step in your career path?

- <sup>1</sup> Working for a while to obtain experience
- <sup>2</sup> Taking some time off
- <sup>3</sup> Going on to graduate school
- <sup>4</sup> Going on to medical school
- <sup>5</sup> Going on to some other school

4. Please mark to what degree the following expectations of the internship program were met using a 1 to 5 scale, where one represents very and five represents not at all.

On a scale from 1 to 5, where one represents very and five represents not at all...		1 Very	2	3 Somewhat	4	5 Not at all
a.	To improve my research skills.	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
b.	To increase my chances of being admitted into graduate school.	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
c.	To increase my chances of being admitted into medical school.	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
d.	To establish a relationship with a mentor.	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
e.	To improve my career options.	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>

The following questions are about your motivations/preparedness to attend graduate school now that you have completed the Cancer Research Internship Program. Please respond to the questions using a 1 to 5 scale, where one represents very motivated/prepared and five represents not motivated/prepared at all.

On a scale from 1 to 5, where one represents very and five represents not at all...		1 Very	2	3 Somewhat	4	5 Not at all
5.	How interested would you say that you are to attend graduate or professional school?	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
6.	How motivated would you say that you are to attend graduate or professional school within the next five years?	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
7.	How academically prepared do you feel you are to attend graduate or professional school within the next five years?	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
8.	How prepared do you feel to conduct research in graduate school?	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>

On a scale from 1 to 5, where one represents very and five represents not at all...		1 Very	2	3 Somewhat	4	5 Not at all
9.	How prepared do you feel in completing your graduate or professional school applications? Specifically, how prepared do you feel in:					
a.	• Choosing a graduate or professional school	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
b.	• Taking the GRE / MCAT	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
c.	• Writing your personal statement	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
d.	• Asking for letters of recommendation	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>

The following questions ask about your feelings about graduate or professional school now that you have completed the Cancer Research Internship Program. Please rate how concerned you feel about the following aspects using a 1 to 5 scale, where one represents very concerned and five represents not concerned at all.

On a scale from 1 to 5, where one represents very and five represents not at all...		1 Very	2	3 Somewhat	4	5 Not at all
10.	How concerned do you feel about choosing the right graduate or professional school?	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
11.	How concerned do you feel about being academically prepared for graduate or professional school?	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
12.	How concerned do you feel about having enough research experience for graduate or professional school?	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
13.	How concerned do you feel about getting into the graduate or professional school program that you choose?	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
14.	How concerned do you feel about enjoying graduate or professional school once you are there?	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>

The next questions are about your PI and what it was like to work with him or her. Please respond to the following questions using a 1 to 5 scale, with one being a high score and five being a low rating.

On a scale from 1 to 5, where one represents very and five represents not at all...		1 Very	2	3 Somewhat	4	5 Not at all
15.	During the internship program, how much encouragement for your research did your PI provide?	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
16.	Would you say that your PI was good to work with?	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
17.	During the internship program, how much assistance did your PI provide, in terms of helping you take the next step in your education or career path?	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5

18. In general, would you say that your PI gave mostly good career advice or mostly poor career advice?

19. How frequently did you discuss your research with your PI? Did you discuss your research...

- 1 Every day
- 2 Once a week
- 3 2 – 3 times a month
- 4 Once a month
- 5 Or not at all

20. How frequently did you discuss your research with other people in your lab or research group? Would you say you discussed your research with them...

- 1 Every day
- 2 Once a week
- 3 2 – 3 times a month
- 4 Once a month
- 5 Or not at all

**21. How frequently did you discuss your research with other students? Would you say you discussed your research with them...**

- <sup>1</sup> Every day
- <sup>2</sup> Once a week
- <sup>3</sup> 2 – 3 times a month
- <sup>4</sup> Once a month
- <sup>5</sup> Or not at all

**The next questions are about the Cancer Research Internship Program hosted by the Fred Hutchinson Cancer Research Center.**

**22. What was the biggest highlight of the internship for you?**

**23. What parts of the internship program need improvement?**

**24. How or in what ways did the program *not* meet your expectations?**

**25. While you were in the program, was there someone who took a personal interest in and was supportive of your research or career?**

26. In what way, if at all, did the program influence your career?

27. Is there additional information that would be helpful to receive *prior* to arriving in Seattle?

Please share any insight or advice you would discuss with a student preparing to participate in the Cancer Research Internship Program at the FHCRC.

28. Please rate the following aspects of the Cancer Research Internship Program using a 1 to 5 scale, where one is very important and five is not important at all.

On a scale from 1 to 5, where one represents very and five represents not at all...		1 Very	2	3 Somewhat	4	5 Not at all
a.	Mentored Research	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
b.	Friday Research Seminars	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
c.	Tuesday 'Coffee Breaks'	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
d.	Writing Workshop	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
e.	Panel Presentation	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
f.	Poster Session	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
g.	Social activities	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5