

DPC (BUILD) Student Annual Follow-Up Survey

Gray highlight	Wording and order changes for flow, clarity, human subjects concerns, and appropriateness for undergraduate respondents
Green highlight	Added from YFCY
Yellow highlight	Deleted for undergraduates (note that only undergraduates will be completing the survey in 2017)
Blue highlight	Skip for freshmen

BUILD-DPC Student Annual Follow-Up Survey

You have been selected to be a part of a national study on student experiences. Your school/university, <Name of institution>, is part of the Diversity Program Consortium, involved in a national effort funded by the National Institutes of Health (NIH) to improve the educational and career success of students and faculty encourage student and faculty participation in biomedical, behavioral, clinical, and social science fields. This effort, the NIH Diversity Consortium, is seeking to understand what programs and strategies benefit students interested in these careers to inform funding and programs. By taking time to complete this survey, you will help increase knowledge and improve education for the next generation of students

The University of California, Los Angeles (UCLA) serves as the coordinating center of this national effort and is in charge of will be collecting information about the experiences and career choices of a variety of studentsse programs. For some analyses, it is will be important to compare students and faculty in biomedical majors at <Name of institution> to those at other institutions as well as students and faculty interested in other fields.

<Name of institution> has provided UCLA your name and contact information. because yYou may have participated in activities on your campus that are part of the Consortium's work, previously contributed to this effort by completing on of the national student surveys offered at your institution this past academic year. By taking this survey, you are giving permission for your school to share information from your student record such as demographics, the courses you take, and the grades you receive in your courses with the UCLA team. You are also giving the UCLA team permission to share the information you provide with your institution for research purposes and to contact you every year or so for follow-up surveys to understand your career choices after you leave (institution). Only with the continued participation and support of students such as yourself will we be able to show the value of the various programs offered through your institution to help students such as yourself succeed. All of the information you provide will be protected and secured to the extent permitted by law.

In this survey, we will ask you about publications and grants. You have the option to upload a document that includes such information (such as a resume) instead of entering this information directly for each publication or grant in the survey.

Public reporting burden for this collection of information is estimated to average 25 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. **An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.** Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to: NIH, Project Clearance Branch, 6705 Rockledge Drive, MSC 7974, Bethesda, MD 20892-7974, ATTN: PRA (0925-0747*). Do not return the completed form to this address.

A. Current position-School and work

First, we would like to ask you about any current school or work activities.

1. Last year, you told us you were _____ level at _____ institution. Has that changed? Are you still in school?

No (skip to question #1e)

Yes and I am still in school (go to #1a)

Yes and I am not still in school I choose not to answer (skip to question #2)

a. Level

Undergraduate

Graduate

a. Expected completion date for degree program (year): _____

b. Status:

Full Time

Part Time

c. Institution: _____

d. Major: _____ [Pull down menu – see final page for list]

Go to question #2

e. Please tell us your current status

I graduated from my previous institution

I did not graduate but do have plans to attend school in the next 2 years

I did not graduate and do NOT have plans to attend school in the next 2 years

Go to question #2

2. Now we would like to ask you about any employment or internships. ~~Last year, you told us you were ____ at ____.~~ Has that changed? Are you current working (for pay), interning, or volunteering?

- No (skip to question #3)
 Yes (go to #2a)
 I choose not to answer (skip to question #3)

a. Please review the list below and check all that apply.

- Working (including internships and significant volunteer positions)
 Retired
 Unemployed, looking for work
 Otherwise not in labor force
 Other (specify): _____

b. Paid Employment a. Please describe any work, internship, or volunteering (check all that apply):

- Full Time
 Part Time
 Internship or student placement
 Seasonal (full-time or part-time)
 No paid position Volunteer, unpaid internship, or other unpaid position (If this is only response checked, Skip to question #2d)

b. Please briefly describe your paid position(s):

Position: _____

Company/Institution: _____

c. Is this paid position related to research?

- No
 Yes

If no volunteer activity, go to #3

d. Is this new job/position considered a promotion or advancement?

- No
 Yes

|

| e. d. Volunteer

| Please briefly describe your volunteer / unpaid position:

Position: _____

Company: _____

| ~~No volunteer position~~

| f. e. Is this volunteer position related to research?

No

Yes

3. During the past year, did you complete any degree or certificate program? Certificate programs are those that require completion of multiple units over extended months or years. Do not include one-time workshops.

No (skip to question #4)

Yes

I choose not to answer (skip to question #4)

If yes, please indicate the following:

- a. Degree / certificate: _____
- b. Major / area of study: _____
- c. From which institution or school: _____
- d. Date awarded: MM / YR

4. During the past year, did you apply to any degree or certificate program? Certificate programs are those that require completion of multiple units over extended months or years. Do not include one-time workshops.

No (skip to question #5)

Yes

I choose not to answer (skip to question #5)

If yes, please indicate the following:

- a. Degree / certificate the program awards: _____
- b. Major / area of study: _____
- c. Institution: _____
- d. Date applied: MM / YR
- e. Status of application:
 - Accepted and will attend
 - Accepted and will not attend
 - Waitlisted
 - Pending
 - Not accepted

5. During the past year, did you receive any scholarships or grants for education expenses that you do not need to repay?

No (skip to question #6)

Yes

I choose not to answer (skip to question #6)

If yes, please indicate the following:

- a. Name of scholarship/grant: _____
(Please enter "Don't know" if you are not sure of the name.)
- b. Amount (total value including value of any fee/tuition waivers):
 - Less than \$1,000

- \$1,000-4,999
- \$5,000-9,999
- \$10,000 or more

c. **Period of the award: MM/YYYY to MM/YYYY**

d. Was this award based on:

- Need
- Merit
- Need and Merit
- Other (specify): _____

6. Do you have any education debt?

- No (skip to question #7)
- Yes
- I choose not to answer (skip to question #7)**

If yes, please indicate the following:

a. Total amount that you owe: \$ _____

- Less than \$5,000**
- \$5,000-9,999**
- \$10,000-19,999**
- \$20,000 or more**
- I don't know how much I owe

a. How much you borrowed during the past year: \$ _____

- Less than \$1,000**
- \$1,000-4,999**
- \$5,000-9,999**
- \$10,000 or more**

7. **Please attach your most recent academic vita (such as a CV)**

7. Do you have any concern about your ability to finance your college education?

- None (I am confident that I will have sufficient funds)**
- Some (but I probably will have enough funds)**
- Major (not sure I will have enough funds to complete college)**

8. Please tell us which of the following activities you participated in since last time during summer 2016 or the 2016-17 school year. Check all that apply.

- Other-t Tuition or stipend program
- Other-s Summer program (e.g., *Summer Research Experience*)
- Academic advising and support beyond that provided to all students at your institution (e.g., *specialized tutoring, STEM advising*)
- Mentoring (A mentor provides guidance, assistance, and encouragement on professional and academic issues.)
- Research training (e.g., *workshops, training, field experience, conferences*)
- Other-e Career advancement programs (e.g., *networking, professional exposure, GRE Prep, field trips, career panels, applications*)

9. In the past year, have you participated in a pre-professional or departmental club?

- No
- Yes

10. To allow us to follow your professional accomplishments, please provide any of the following identifiers that you may have:

- a. LinkedIn ID _____
 I do not have one
- b. ORCID ID _____
 I do not have one
- c. NIH eRA Commons ID _____
 I do not have one

A. Mentoring

This next section concerns your experiences with mentoring in a variety of contexts.

A **mentor** is someone who provides guidance, assistance, and encouragement on professional and academic issues. A mentor can be either someone who is more experienced (or senior) than you or someone who is at an education or professional level similar to you (a "peer").

A **mentee** is someone who receives guidance or assistance from a mentor. A mentee can be someone less experienced (or junior) than you or someone who is your peer.

A mentoring relationship can be formal (with a set schedule and perhaps arranged by your institution) or informal.

11. **First, we would like to ask you about a mentor who is senior to you.** Do you have a faculty member or someone else who is more senior than you whom you consider a mentor?

No (**Skip to question #17**)

Yes

I choose not to answer (skip to question #17)

- a. How many different mentors do you regularly work with? _____
- b. For the mentor you work with most closely (your **primary mentor**), please provide the following information:
Position: _____
Institution/ Company: _____
Discipline: _____
- c. Which of the following does your primary mentor help you with? (choose all that apply)
- Research, **in** general (e.g., guidance related to finding literature, research techniques, and selecting a research topic)
- Research, s**Specialized **research** issues (e.g., just on statistics or instrumentation)
- Educational choices and strategies (e.g., guidance in selecting coursework, further educational opportunities)
- Career planning (e.g., giving advice, helping find opportunities)
- Emotional support (e.g., listening to personal concerns)
- Other (specify): _____
- d. How do you **usually** communicate with your primary mentor?
- In-person
- Phone/Skype
- Email/Text
- Other (specify): _____
- e. How often do you usually communicate with your primary mentor about your research?
- Weekly or more often
- Monthly
- Several time a year
- Annually or less

- f. How did you find this mentor? (Note: Your local BUILD program is called <local campus name>)
- Through your local campus BUILD
 - They were assigned in some other way by your department or campus
 - You were matched / linked through the National Research Mentoring Network (NRMN)
 - Matched / linked through some other formal program
 - You sought out your mentor independently
 - Other (specify): _____

12. Please rate how skilled you feel your primary mentor was in the following areas:

	Not at all							Extremely	
a. Active listening	1	2	3	4	5	6	7	N/A	
b. Providing constructive feedback	1	2	3	4	5	6	7	N/A	
c. Establishing a relationship based on trust	1	2	3	4	5	6	7	N/A	
d. Identifying and accommodating different communication styles	1	2	3	4	5	6	7	N/A	
e. Employing strategies to improve communication	1	2	3	4	5	6	7	N/A	
f. Coordinating effectively with other mentors with whom you work with	1	2	3	4	5	6	7	N/A	
g. Working with you to set clear expectations of the mentoring relationship	1	2	3	4	5	6	7	N/A	
h. Aligning his/her expectations with your own	1	2	3	4	5	6	7	N/A	
i. Considering how personal and professional differences may impact expectations	1	2	3	4	5	6	7	N/A	
j. Working with you to set research goals	1	2	3	4	5	6	7	N/A	
k. Helping you develop strategies to meet goals	1	2	3	4	5	6	7	N/A	
l. Accurately estimating your level of scientific knowledge	1	2	3	4	5	6	7	N/A	
m. Accurately estimating your ability to conduct research	1	2	3	4	5	6	7	N/A	
n. Employing strategies to enhance your understanding of the research	1	2	3	4	5	6	7	N/A	
o. Motivating you	1	2	3	4	5	6	7	N/A	
p. Building your confidence	1	2	3	4	5	6	7	N/A	
q. Stimulating your creativity	1	2	3	4	5	6	7	N/A	
r. Acknowledging your professional contributions	1	2	3	4	5	6	7	N/A	
s. Negotiating a path to professional independence with you	1	2	3	4	5	6	7	N/A	
t. Taking into account the biases and prejudices s/he brings to your mentor/mentee relationship	1	2	3	4	5	6	7	N/A	
u. Working effectively with mentees whose personal background is different from his/her own (age, race, gender, class, region, culture, religion, family composition etc.)	1	2	3	4	5	6	7	N/A	

v. Helping you network effectively	1	2	3	4	5	6	7	N/A
w. Helping you set career goals	1	2	3	4	5	6	7	N/A
x. Helping you balance work with your personal life	1	2	3	4	5	6	7	N/A
y. Understanding his/her impact as a role model for you	1	2	3	4	5	6	7	N/A
z. Helping you acquire resources	1	2	3	4	5	6	7	N/A

13. Please respond to the following statements about your primary mentor.

	My mentor did not do this	My mentor tried to do this but was ineffective	My mentor did this sometimes and was effective	My mentor did this frequently, and was effective
a. My mentor gave me an overview of how my research fit into an overall research project.	1	2	3	4
b. My mentor helped me develop my research skills.	1	2	3	4
c. My mentor showed interest in my research project.	1	2	3	4
d. My mentor was available to me when I had problems or questions about my research.	1	2	3	4
e. My mentor offered constructive feedback when necessary.	1	2	3	4
f. My mentor and I developed a relationship based on trust.	1	2	3	4
g. My mentor understood how I learn best.	1	2	3	4
h. My mentor created an environment that allowed me to achieve my goals.	1	2	3	4
i. My mentor seemed so busy that I was afraid to interrupt her/him.	1	2	3	4
j. My mentor had an effective mentoring style.	1	2	3	4
k. My mentor acted as a positive role model.	1	2	3	4
l. My mentor showed interest in me as a person.	1	2	3	4
m. My mentor fostered my independence.	1	2	3	4
n. My mentor fostered confidence in my skills.	1	2	3	4
o. My mentor appreciated my contributions.	1	2	3	4
p. My mentor encouraged me to be creative.	1	2	3	4
q. My mentor made me enthusiastic about my project.	1	2	3	4
r. My mentor helped me feel curious about my project.	1	2	3	4
s. My mentor treated me as a colleague.	1	2	3	4
t. My mentor helped me decide on a career path.	1	2	3	4
u. My mentor communicated his/her expectations of me.	1	2	3	4
v. My mentor respected my goals.	1	2	3	4
w. My mentor allowed me to take ownership in my research.	1	2	3	4
x. My mentor created an environment where I felt safe to make mistakes.	1	2	3	4
y. My mentor made me feel included in the lab.	1	2	3	4

z. My mentor regularly assessed skills and knowledge that I gained in the lab.	13	10	00	4
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134. In your mentoring relationship, how important is it to you that your primary mentor does the following:

	Not Important	Somewhat Important	Very Important
a. Is willing to discuss diversity	1	2	3
b. Considers their own cultural background, as well as yours	1	2	3
c. Values and respects cultural differences	1	2	3

145. In your mentoring relationship, how skilled is your primary mentor in the following:

	Not Skilled	Somewhat Skilled	Very Skilled
a. Discussing diversity	1	2	3
b. Consider <u>ings</u> their own cultural background, as well as yours	1	2	3
c. Valu <u>inges</u> and respect <u>ings</u> cultural differences	1	2	3

156a. How would you rate the overall quality of the mentoring you received from your primary mentor?

Very Low		Average			Very High	
1	2	3	4	5	6	7

156b. How satisfied are you with the mentoring you are receiving from your primary mentor?

Not at all						Extremely
1	2	3	4	5	6	7

167. To what extent do you feel your primary mentor is meeting your expectations?

Very Low		Average			Very High	
1	2	3	4	5	6	7

PEER MENTORS

In addition to having mentors who are senior to themselves, many people also have mentors that are at a similar educational or professional level as themselves (a peer). For the next set of items, please consider any of your peer mentors.

178. Do you have someone at a similar educational or professional level as you (i.e., a peer) whom you consider an academic/career mentor?

- No (skip to question #18)
 Yes
 I choose not to answer (skip to question #18)

- a. How many different peer mentors do you have? _____
- b. Which of the following do your peer mentors help you with? (Choose all that apply)
- Research issues
 Social and emotional needs (e.g., sharing concerns about school)
 Tangible help (e.g., advice about faculty and classes, help with writing)
 Networking assistance (e.g., helping you meet other people in your field)
 Career planning (e.g., giving advice, helping find opportunities)
 Other (specify): _____
- c. How do you usually communicate with your primary peer mentor?
- In-person
 Phone/Skype
 Email/Text
 Other (specify): _____
- d. How often do you usually communicate with your primary peer mentor?
- Weekly
 Monthly
 Several times a year
 Annually or less
- e. How did you find this mentor? _____
- Through < local campus name for BUILD >
 They were assigned in some other way by your department or campus
 You were matched through the National Research Mentoring Network (NRMN)
 Matched through some other formal program
 You sought out your mentor independently
 Other (specify): _____

SERVING AS A MENTOR [SKIP FOR FRESHMEN]

Now we would like to ask you about any mentoring that you do. This first set of items asks about mentoring YOU may do with those you are JUNIOR to you.

189. Do you have anyone who you currently mentor about academic issues who is junior to you?

- No (skip to question #23)
 Yes
 I choose not to answer (skip to question #23)

- a. How many different people do you regularly mentor *currently*? _____
- b. At what education level are the people you mentor? (Choose all that apply)
- College students
 - High school students
 - Middle or elementary school students
- c. Which of the following do you help your mentees with? (Choose all that apply)
- Research issues
 - Social and emotional needs (e.g., sharing concerns about school)
 - Tangible help (e.g., advise about faculty and classes, help with writing)
 - Networking assistance (e.g., helping you-them meet other people in your field)
 - Career planning (e.g., giving advice, helping find opportunities)
 - Other (specify): _____
- d. How do you usually communicate with your mentees?
- In-person
 - Phone/Skype
 - Email/Text
 - Other (specify): _____
- e. On average, how often do you usually communicate with your mentees?
- Weekly or more often
 - Monthly
 - Several times a year
 - Annually or less
- f. How did you first connect with your mentees? (**Choose all that apply**; Note: Your local BUILD program is called <local campus name>)
- Through your local BUILD program
 - They were assigned in some other way by your department or campus
 - Matched / linked through some other formal program
 - They sought you out independently
 - Other (specify): _____

1920. Please rate how skilled you feel you are in each of the following areas when mentoring those junior to you:

	Not at all							Extremely	
a. Active listening	1	2	3	4	5	6	7	N/A	
b. Providing constructive feedback	1	2	3	4	5	6	7	N/A	
c. Establishing a relationship based on trust	1	2	3	4	5	6	7	N/A	
d. Identifying and accommodating different communication styles	1	2	3	4	5	6	7	N/A	
e. Employing strategies to improve communication with mentees	1	2	3	4	5	6	7	N/A	
f. Coordinating effectively with your mentees' other mentors	1	2	3	4	5	6	7	N/A	
g. Working with mentees to set clear expectations of the mentoring relationship	1	2	3	4	5	6	7	N/A	
h. Aligning your expectations with your mentees'	1	2	3	4	5	6	7	N/A	
i. Considering how personal and professional differences may impact expectations	1	2	3	4	5	6	7	N/A	
j. Working with mentees to set research goals	1	2	3	4	5	6	7	N/A	
k. Helping mentees develop strategies to meet goals	1	2	3	4	5	6	7	N/A	
l. Accurately estimating your mentees' level of scientific knowledge	1	2	3	4	5	6	7	N/A	
m. Accurately estimating your mentees' ability to conduct research	1	2	3	4	5	6	7	N/A	
n. Employing strategies to enhance your mentees' knowledge and abilities	1	2	3	4	5	6	7	N/A	
o. Motivating your mentees ¹	1	2	3	4	5	6	7	N/A	
p. Building your mentees' confidence	1	2	3	4	5	6	7	N/A	
q. Stimulating your mentees' creativity	1	2	3	4	5	6	7	N/A	
r. Acknowledging your mentees' professional contributions	1	2	3	4	5	6	7	N/A	
s. Negotiating a path to professional independence with your mentees	1	2	3	4	5	6	7	N/A	
t. Taking into account the biases and prejudices you bring to the mentor/mentee relationship	1	2	3	4	5	6	7	N/A	
u. Working effectively with mentees whose personal background is different from your own (age, race, gender, class, region, culture, religion, family composition etc.)	1	2	3	4	5	6	7	N/A	
v. Helping your mentees network effectively	1	2	3	4	5	6	7	N/A	
w. Helping your mentees set career goals	1	2	3	4	5	6	7	N/A	
x. Helping your mentees balance work with their personal life	1	2	3	4	5	6	7	N/A	
y. Understanding your impact as a role model before your-their research experience	1	2	3	4	5	6	7	N/A	
z. Helping your mentees acquire resources	1	2	3	4	5	6	7	N/A	

201. In your mentoring relationship, how important is it to you that YOU do the following:

	Not Important	Somewhat Important	Very Important
a. Be willing to discuss diversity issues	1	2	3
b. Consider <u>your mentees' their own</u> cultural background and your own	1	2	3
c. Value and respect cultural differences	1	2	3

212. In your mentoring relationship, how skilled are YOU in the following:

	Not Skilled	Somewhat Skilled	Very Skilled
a. Discussing diversity	1	2	3
b. Considering <u>your mentees' their own</u> cultural background, as well as yours	1	2	3
c. Valuing and respecting cultural differences	1	2	3

223. How satisfied are you with the mentoring you are providing to your mentees?

Not at all						Extremely
1	2	3	4	5	6	7

PEER MENTEES [SKIP FOR FRESHMEN]

These next items focus on people you mentor who are peers to you (at a similar educational and professional level). For the next set of items, please consider your peer mentees.

234. Do you have anyone who you currently mentor on academic/career issues who is at a similar level to yours (a peer)?

- No (skip to question #24)
- Yes
- I choose not to answer (skip to question #24)

a. How many different people do you regularly mentor *currently*? _____

b. Which of the following do you help your mentees with? (Choose all that apply)

- Research issues
- Social and emotional needs (e.g., sharing concerns about school)
- Tangible help (e.g., advise about faculty and classes, help with writing)
- Networking assistance (e.g., helping them/you meet other people in your field)
- Career planning (e.g., giving advice, helping find opportunities)
- Other (specify): _____

c. How do you usually communicate with your peer mentees?

- In-person
- Phone/Skype
- Email/Text
- Other (specify): _____

d. On average, how often do you usually communicate with your peer mentees?

- Weekly or more often
- Monthly
- Several times a year
- Annually or less

e. How did you first connect with your mentees? (Choose all that apply)

- Through <local campus program for BUILD>
- They were assigned in some other way by your department or campus
- You were matched through the National Research Mentoring Network (NRMN)
- Matched through some other formal program
- They sought you out independently
- Other (specify): _____

C. Career Interests and Attitudes

2437. Indicate the importance to you personally of each of the following:

	Essential	Very Important	Somewhat Important	Not Important
a. Obtaining recognition from colleagues for contributions to my special field.	1	2	3	4
b. Making a theoretical contribution to science.	1	2	3	4
c. Becoming an authority in my field.	1	2	3	4

2438. Indicate to what extent the following statements are true of you:

	Strongly Disagree	Disagree	Neutral	Disagree	Strongly Disagree
a. I have a strong sense of belonging to the community of scientists	5	4	3	2	1
b. I derive great personal satisfaction from working on a team that is doing important research	5	4	3	2	1
c. I have come to think of myself as a 'scientist'	5	4	3	2	1
d. I feel like I belong in the field of science	5	4	3	2	1

2639. Indicate to what extent you are confident that you can complete the following tasks:

	Absolutely Not at all confident	Very A little confident	Somewhat Confident	A little Very Confident	Not at all Absolutely Confident
a. Use technical science skills (use of tools, instruments, and/or techniques)	5	4	3	2	1
b. Generate a research question	5	4	3	2	1
c. Determine how to collect appropriate data	5	4	3	2	1
d. Explain the results of a study	5	4	3	2	1
e. Use scientific literature to guide research	5	4	3	2	1
f. Integrate results from multiple studies	5	4	3	2	1

2740. Rate yourself on each of the following traits as compared with the average person your age. We want the most accurate estimate of how you see yourself. (Mark one in each row)

	Highest 10%	Above Average	Average	Below Average	Lowest 10%
Academic ability					
Drive to achieve					
Mathematical ability					
Self-confidence (intellectual)					

2841. Will you pursue a science-related research career?

- Definitely yes
- Possibly yes
- Uncertain
- Possibly no
- Definitely no
- I choose not to answer

	Frequently 1	Occasionally 2	Not at all 3
29. How often have you studied with other students?			
30. Since entering this college, indicate how often you			
a. Tutored another student	1	2	3
b. Discussed course content with students outside of class	1	2	3
c. Received advice/counseling from another student	1	2	3
d. Worked with classmates on group projects	1	2	3

3142. Since we last contacted you, During the past year (Summer 2016 or this academic year (2016-17)), have you participated in any training to improve your skills as a mentor or as a mentee?

- No (skip to question #32)
- Yes
- I choose not to answer (skip to question #32)

a. Type of training (Select all that apply)

- In-person
- On-line that occurs in scheduled, real-time (synchronous)
- On-line or other virtual that you can take at any time that provides feedback or interaction with others (asynchronous)
- Self-study (by any means, but no interaction or feedback)

b. Approximately how many hours was your training over the past year?
 _____ hours

3243. Have you completed formal training/workshops related to your career or research (minimum of at least 4 hours duration)?

- No (skip to question #33)
- Yes
- I choose not to answer (skip to question #33)

If yes, please indicate the focus of the training:

	Yes	No
a. On NIH funding?		
b. On other funding?		
c. On biomedical career development (e.g., training in leadership, teaching, mentoring, publishing, gaining tenure, etc.)?		
d. On other biomedical research related topics?		

D. Research and Grants

337. Please attach your most recent academic vita (such as a CV)

The next set of items ask about grants and publications. If you have a document that lists these (such as a resume or CV), you can upload that document and skip some of the items below. Otherwise, we will ask you to provide information about each grant and publication.

[Upload now](#) [I do not want to upload now](#) [I do not have a document to upload](#)

3424. Have you had any opportunity to conduct your own scientific research or to participate in scientific research directed by others in the past year?

- No (skip to question # 38)
 Yes
 I choose not to answer (skip to question # 38)

3525. Please check all research activities you participated in last year (Choose all that apply)

- Hands-on research activities with laboratory equipment in a class
 Worked in a laboratory in a college/university
 Worked on research in a non-academic location
 Designed your own research experience [or project](#)
 ~~Conducted research that had an unknown outcome~~ [Literature review, synthesis of existing knowledge, and/or conceptual](#)
 ~~Conducted research that advanced knowledge (even if it was a very small-~~ [advancement](#) [Analysis of existing \(secondary\) data](#)
 [Analysis of data you collect \(primary analysis\)](#)
 Other (Specify: _____)
 None of the above

For each item checked above, please indicate the following:

35a. What was the research for?

- A class or degree requirement
 Part of a paid job (e.g., research assistant), internship, or training program
 Related to your ~~own role as an~~ independent researcher

35b. What was your role?

- Project Lead on my own project
 Working on someone else's student-led project
 Working on a faculty member-led project
 Other (Specify): _____

3626. Since you started college, have you applied for or received funding to support your own research? Please do not include fellowships or scholarships that primarily pay for tuition, fees, or living expenses. Also, please do not include service projects unless they include a research component.

- No (skip to question #38)
 Yes

37. [If Yes to #36]

~~Below is a list of all research funding support you have provided to us in the past. Have you applied for any additional funding to support your own research that is not on the list (either as the lead investigator, with a faculty advisor as the lead, or for another paid position) OR has the status of previous submissions changed?~~

- ~~No~~
 ~~Yes~~

Please complete or update information for each grant or proposal:

a. Funding Agency Type:

- Your university
 Federal agency (e.g., NIH, NSF)
 Nonfederal governmental
 Nonprofit (e.g., foundations)
 For-profit
 Other (specify): _____

b. ~~[If NIH or Other Federal] Full grant number if available~~

~~_____~~

c. ~~[If Nonfederal, Nonprofit, For-Profit, Other]~~

~~Agency/Foundation/Company Name: _____~~

d. Role:

- Principal Investigator
 Co-Principal Investigator
 Investigator
 Other (specify): _____

e. Submission status:

- Submitted (first time for this proposal)
 Re-submitted with revisions
 Not funded
_____ NIH Impact score (if applicable): _____
 Funded
_____ NIH Impact score (if applicable): _____

f. Project Title: _____

g. Amount (total across all years):

Less than \$50,000

\$50,000-\$99,999

\$100,000-\$249,999

\$250,000-\$499,999

\$500,000 or more

h. Start Date (e.g., 07/08/2015)

____/____/____

i. End Date (e.g., 07/08/2016)

____/____/____

dj. What was the main purpose of the funding?

Research

Training of others (e.g., students, peers, workforce)

Your career development

Other (specify): _____

28. Have you conducted research that is not funded by the grants listed above?

No

Yes

a. What type of research was this?

Literature review, synthesis of existing knowledge, and/or conceptual

Analysis of existing (secondary) data

Analysis of data you collect (primary analysis)

b. What was the research for?

A class or degree requirement

Part of a paid job (e.g. research assistant), internship, or training program

Related to your role as an independent researcher

c. What was your role?

Project Lead on my own project

Working on someone else's student-led project

Working on a faculty member-led project

Other (Specify): _____

38. The next set of items ask about publications. If you have a list of these and did not upload already, you can upload it now.

Upload now I do not want to upload now I do not have a document to upload

3929. Do you have any **scientific** publications accepted, in-press, or published **(including as a co-author)**?

- No **(skip to question #40)**
- Yes
- I choose not to answer **(skip to question #40)**

Below is a list of publications you have provided to us in the past.

[From database, the publication citation will display. Need to have "Change-Status" capability for each on the list, as well as the ability to add new items].

Do you have any peer-reviewed publications that you have had accepted to add to this list?

- No (skip to question #30)
- Yes

If yes, please answer the following questions:

a. Publication Type:

- Journal article
- Chapter in a book
- Book
- Other, specify: _____

b. List all Authors (Last FM, comma separated): _____, _____, _____

Complete items c-j if journal article selected

c. PMID #: _____ **(if provided, skip to question #40)**

d. Title: _____

e. Journal Name: _____

f. Year Published (or indicate "in press" or "epub ahead"): _____

g. Volume: _____

h. Issue: _____

i. Page Numbers: _____

j. DOI or URL for epubs: _____

Complete the applicable information below depending on publication type:

- k. **[if Book or Chapter]** ~~Book/Anthology-Publication~~ Title: _____
- l. **[if Chapter]** Chapter Title : _____
- m. **[If Chapter]** Editors: _____
- n. Year Published: _____
- o. **[If Book or Chapter]** Edition: _____
- p. **[If Book or Chapter]** Publisher: _____
- q. City: _____
- r. State: _____
- s. **[If Book or Chapter]** Page Numbers: _____
- t. DOI or URL for epub: _____

4031. Have you presented at a scientific conference in the last year (including posters)?

- No
- Yes

32. [FIRST-TIME ADMINISTRATION]

~~Have you ever participated in technology transfer activities (including issued patents, completed licenses, and drug, device, or diagnostic approvals)?~~

[RETURN RESPONDENTS]

~~Below is a list of technology transfer activities (including issued patents, completed licenses, and drug, device, or diagnostic approvals you have provided to us in the past.~~

~~[From database, the technology transfer activities will display. Need to have "Change Status" capability for each on the list, as well as the ability to add new items].~~

~~Please review the list. Are there any to add to this list?~~

- ~~No (skip to question #33)~~
- ~~Yes~~

~~a. Please enter a title and brief description for each Technology Activity:~~

- ~~New patent issued~~
- ~~License completed~~
- ~~Drug, device, or diagnostic received regulatory approval~~
- ~~Result of basic research commercialized~~
- ~~Other (specify): _____~~

~~b. Please provide a brief description: _____~~

4133. Have you received any honors or awards in the past year?

No (skip to question #42)

Yes

If yes, please provide the name/ title of the honors or awards you've received:

4234. Have you held office in any pre-professional or profession organization in the past year?

No (skip to question #43)

Yes

If yes, please list any offices you have held in pre-professional or professional organizations in the past year:

35. Have you provided service to any federal agencies (e.g. reviewer for NIH/NSF/CDC or similar proposals, member of federal agency advisory council, etc.) in the past year?

No (skip to question #36)

Yes

If yes, please list any service to federal agencies you have performed in the past year:

36. Have you provided service to any non-federal agencies such as state agencies or foundations in the past year?

No (skip to question #37)

Yes

If yes, please list any service to non-federal agencies you have performed in the past year:

ITEMS 43-47 WILL BE COMPLETED ONLY BY FRESHMEN STUDENTS (SELECTED YFCY ITEMS FOR HALLMARKS)

43. Since entering this college, how often have you interacted with the following people (e.g., by phone, e-mail, text, or in person)?

	Daily	2 or 3 times per week	Once a week	1 or 2 times per month	1 of 2 times per term	Never
Faculty during office hours	6	5	4	3	2	1
Faculty outside of class or office hours	6	5	4	3	2	1
Academic advisors/counselors	6	5	4	3	2	1
Graduate students/teaching assistants	6	5	4	3	2	1

44. Since entering this college, how often have you felt:

	Frequently	Occasionally	Not at all
Lonely or homesick	3	2	1
Isolated from campus life	3	2	1
Unsafe on this campus	3	2	1
Worried about your health	3	2	1
That your courses inspired you to think in new ways	3	2	1
That your job responsibilities interfered with your schoolwork	3	2	1
That your family responsibilities interfered with your schoolwork	3	2	1
Family support to succeed	3	2	1
That faculty provided me with feedback that helped me assess my progress in class	3	2	1
That my contributions were valued in class	3	2	1
That faculty encouraged me to ask questions and participate in discussions	3	2	1

45. Since entering this college, how has it been to

	Very Easy	Somewhat Easy	Somewhat Difficult	Very Difficult
Understand what your professors expect of you academically	4	3	2	1
Develop effective study skills	4	3	2	1
Adjust to the academic demands of college	4	3	2	1
Manage your time effectively	4	3	2	1
Develop close friendships with other students	4	3	2	1

46. Please indicate the extent to which you agree or disagree with the following statements.

	Strongly Agree	Agree	Disagree	Strongly Disagree
I see myself as part of the campus community	4	3	2	1
Faculty showed concern about my progress	4	3	2	1
I have been able to find a balance between academics and extracurricular activities	4	3	2	1
Faculty empower me to learn here	4	3	2	1
If asked, I would recommend this college to others	4	3	2	1
I feel valued at this institution	4	3	2	1
Faculty believe in my potential to succeed academically	4	3	2	1
My college experiences have exposed me to diverse opinions, cultures, and values	4	3	2	1
Faculty encouraged me to meet with them outside of class	4	3	2	1
I feel a sense of belonging to this campus	4	3	2	1
At least one faculty member has taken an interest in my development	4	3	2	1
I feel I am a member of this college	4	3	2	1

47. Please rate your satisfaction with your college in each area

	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied	Can't Rate / No Experience
Amount of contact with faculty	6	5	4	3	2	1
Ability to find a faculty or staff mentor	6	5	4	3	2	1
Overall sense of community among students	6	5	4	3	2	1

Finally, we just need a bit of information about you.

485. Please indicate "Yes" or "No" for each of the following:

	Yes	No
a. Are you deaf or do you have serious difficulty hearing?		
b. Are you blind or do you have serious difficulty seeing, even when wearing glasses?		
c. Because of a physical, mental, or emotional condition, do you have serious difficulty concentrating, remembering, or making decisions?		
d. Do you have serious difficulty walking or climbing stairs?		
e. Do you have difficulty dressing or bathing?		
f. Because of a physical, mental, or emotional condition, do you have difficulty doing errands alone such as visiting a doctor's office or shopping?		

496. Are you Hispanic, Latino/a, or Spanish Origin?

- No
- Yes
- I choose not to answer

5047. What is your race? Check all that apply

- White
- Black or African American
- American Indian or Alaska Native
- Asian Indian
- Chinese
- Filipino
- Japanese
- Vietnamese
- Other Asian
- Native Hawaiian
- Guamanian or Chamorro
- Samoan
- Other Pacific Islander

IF CV UPLOAD DEFERRED:

You indicated earlier that you would like to upload a document outlining your publications and grants. Please do so here.

List of majors to for pull-down menu (provided by Higher Education Research Institute:

ARTS AND HUMANITIES
01 Art, fine and applied
02 English (language and literature)
03 History
04 Journalism/Communication
05 Classical and Modern
Languages and Literature
06 Media/Film Studies
07 Music
08 Philosophy
09 Theatre/Drama
10 Theology/Religion
11 Other Arts and Humanities
BIOLOGICAL & LIFE
SCIENCES
12 Biology (general)
13 Animal Biology (zoology)
14 Ecology & Evolutionary
Biology
15 Marine Biology
16 Microbiology
17 Molecular, Cellular, &
Developmental Biology
18 Neurobiology/Neuroscience
19 Plant Biology (botany)
20 Agriculture/Natural Resources
21 Biochemistry/Biophysics
22 Environmental Science
23 Other Biological Science
BUSINESS
24 Accounting
25 Business Admin. (general)
26 Entrepreneurship
27 Finance
28 Hospitality/Tourism
29 Human Resources Management
30 International Business
31 Marketing
32 Management
33 Computer/Management
Information Systems
34 Real Estate
35 Other Business
EDUCATION
36 Elementary Education
37 Music/Art Education
38 Physical Education/Recreation
39 Secondary Education
40 Special Education
41 Other Education
ENGINEERING
42 Aerospace/Aeronautical/
Astronautical Engineering
43 Biological/Agricultural
Engineering
44 Biomedical Engineering
45 Chemical Engineering
46 Civil Engineering
47 Computer Engineering
48 Electrical/Electronic
Communications Engineering
49 Engineering Science/
Engineering Physics
50 Environmental/Environmental
Health Engineering
51 Industrial/Manufacturing
Engineering

52 Materials Engineering
53 Mechanical Engineering
54 Other Engineering
HEALTH PROFESSIONS
55 Clinical Laboratory Science
56 Health Care Administration/
Studies
57 Health Technology
58 Kinesiology
59 Nursing
60 Pharmacy
61 Therapy (occupational,
physical, speech)
62 Other Health Profession
MATH AND COMPUTER
SCIENCE
63 Computer Science
64 Mathematics/Statistics
65 Other Math and Computer
Science
PHYSICAL SCIENCE
66 Astronomy & Astrophysics
67 Atmospheric Sciences
68 Chemistry
69 Earth & Planetary Sciences
70 Marine Sciences
71 Physics
72 Other Physical Science
SOCIAL SCIENCE
73 Anthropology
74 Economics
75 Ethnic/Cultural Studies
76 Geography
77 Political Science (gov't.,
international relations)
78 Psychology
79 Public Policy
80 Social Work
81 Sociology
82 Women's/Gender Studies
83 Other Social Science
OTHER MAJORS
84 Architecture/Urban Planning
85 Criminal Justice
86 Library Science
87 Security & Protective
Services
88 Military Sciences/
Technology/Operations
89 OTHER
90 UNDECIDED