

Attachment 18:  
NRMN Student/Mentee Core Follow-up Survey

## **NRMN Mentee Annual Follow-up Survey**

You have been selected to be a part of a national study funded by the National Institutes of Health (NIH) to support students and faculty in biomedical, behavioral, clinical, and social science fields. This effort, the NIH Diversity Consortium, is seeking to understand what programs and strategies can benefit students interested in these careers. 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) will be collecting information about these programs.

The National Research Mentoring Network has provided UCLA your name and contact information because you have participated in activities that are part of the NIH Diversity Consortium's work. **All of the information you provide will be protected and secured to the extent permitted by law.**

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-xxxx\*). Do not return the completed form to this address.

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Thank you for responding to this information request. We already have basic information about you from your NRMN registration, but there are a few additional items we need about your professional experience.

1. In the past five years, have you been the Principal Investigator of an NIH-funded research grant?
  - No
  - Yes
  
2. In the past five years, have you been the Principal Investigator of any other extramural (other government, foundation, corporate, or other) research grants?
  - No
  - Yes
  
3. In the past five years, how many peer-reviewed journal articles have you published?
  - 0
  - 1
  - 2 - 5
  - 6 or more
  
4. In the past five years, have you presented at a scientific conference (including posters)?
  - No
  - Yes
  
5. Has your research ever been the subject of technology transfer activities (including issued patents, completed licenses, and drug, device, or diagnostic approvals)?
  - No
  - Yes

## A. Current position

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

6. Last year, you told us you were \_\_\_\_\_ level at \_\_\_\_\_ institution. Has that changed?

- No
- Yes and I am still in school
- Yes and I am not still in school

a. Level:

- Undergraduate
- Graduate or other post-baccalaureate
- Expected completion date (year):

b. Status:

- Full Time
- Part Time

c. Institution:

d. Major:

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



7. Now we would like to ask you about any employment or internships. Last year, you told us you were \_\_\_\_\_ at \_\_\_\_\_. Has that changed?

- No
- Yes

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 (check all that apply):

- Full Time
- Part Time
- Internship or student placement
- Seasonal (full-time or part-time)
- No paid employment

c. Is this paid position related to research?

- No
- Yes

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

- No
- Yes

e. Volunteer

Position:

Company:

f. Is this volunteer position related to research?

- No
- Yes

8. During the past year, did you complete any degree or certificate program?

- No
- Yes

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  /

9. During the past year, did you apply to any degree or certificate program?

- No
- Yes

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

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

- No
- Yes

If yes, please indicate the following:

a. Name of scholarship/grant:

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 award: MM/YYYY to MM/YYYY

d. Was this award based on:

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

11. Do you have any education debt?

- No  
 Yes

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

b. How much you borrowed during the past year:

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

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

13. Please tell us which of the following activities you participated in since date of last contact?. Check all that apply.

- Other tuition or stipend program  
 Other summer program (i.e. Summer Research Experience)  
 Academic Advising and Support (i.e. tutoring, STEM advising, math courses, etc.)  
 Mentoring  
 Research training (i.e. workshops, training, field experience, conferences, etc.)  
 Other career advancement programs (i.e. networking, Professional Exposure, GRE Prep, field trips, career panels, applications)



## B. 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 a 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.

14. Do you have a faculty member or someone else who is more senior than you who you consider a mentor?

- No  
 Yes

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, general (e.g. guidance related to finding literature, research techniques, and selecting a research topic)  
 Research, specialized issues (e.g. just on statistics or instrumentation)  
 Educational choices and strategies (e.g., guidance in selecting course-work, 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?

- 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):

15. Do you have someone at a similar educational level as you (i.e. a peer) who you consider an academic/career mentor?

- No
- Yes

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?

- 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):

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

- No
- Yes

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 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 meet other people in your field)
- Career planning (e.g. giving advice, helping find opportunities)
- Other (specify):

d. How do you 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)

- 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):

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

- No
- Yes

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

b. Which of the following do 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 meet other people in your field)
- Career planning (e.g. giving advice, helping find opportunities)
- Other (specify):

c. How do 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)

- 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. Research and Grants

18. 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
- Yes

19. 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
- Conducted research that had an unknown outcome
- Contributed to research that advanced knowledge (even if it was a very small advancement)
- None of the above

20. 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
- Yes

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 a other paid position) OR has the status of previous submissions changed?

- No
- Yes

21. 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)

j. What was the main purpose of the funding?

Research

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

Your career development

Other (specify):

22. 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):

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23. Do you have any peer-reviewed publications accepted, in-press, or published in the past year? -

- No
- Yes

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

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

- No
- Yes

If yes, please answer the following questions:

- a. PMID #:
- b. List all Authors (Last FM, comma separated): , , ,
- c. Title:
- d. Journal Name:
- e. Year Published (or indicate "in press" or "epub ahead"):
- f. Volume:
- g. Issue:
- h. Page Numbers:
- i. DOI or URL for epubs:

24. Are there other scientific publications (e.g. book chapters, books, reports, non-peer reviewed journal articles, working papers, other) to add to this list?

- No
- Yes

a. Publication Type:

- Chapter
- Book
- Other, specify:

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

Complete the applicable information below depending on publication type:

c. Book/Anthology Title:

d. Chapter Title :

e. Editors:

f. Year Published:

g. Edition:

h. Publisher:

i. City:

j. State:

k. Page Numbers:

l. DOI or URL for epubs:

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

- No
- Yes

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

- No
- Yes

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.

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

- No
- 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:

27. In the past year, have you been formally recognized, honored, or awarded in recognition of your research, or other professional activity?

- No
- Yes

If yes, please list any honors or awards you received in the past year in recognition of your teaching, research, or other professional activity:

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

- No
- Yes

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

29. 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
- Yes

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

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

- No  
 Yes

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

31. 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.	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
b. Making a theoretical contribution to science.	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4
c. Becoming an authority in my field.	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4

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

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

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

	Not at all confident	A little confident	Somewhat Confident	Very Confident	Absolutely Confident
a. Use technical science skills (use of tools, instruments, and/or techniques)	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5
b. Generate a research question to answer	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5
c. Figure out what data/ observations to collect and how to collect them	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5
d. Create explanations for the result of the study	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5
e. Use scientific literature and/or reports to guide research	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5
f. Develop theories (integrate and coordinate results from multiple studies)	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5

34. Since we last contacted you, have you participated in any training to improve your skills as a mentor or as a mentee?

- No  
 Yes

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

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

- No  
 Yes

If yes, please indicate the focus of the training:

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

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

	Yes	No
a. Are you deaf or do you have serious difficulty hearing?	<input type="radio"/>	<input type="radio"/>
b. Are you blind or do you have serious difficulty seeing, even when wearing glasses?	<input type="radio"/>	<input type="radio"/>
c. Because of a physical, mental, or emotional condition, do you have serious difficulty concentrating, remembering, or making decisions?	<input type="radio"/>	<input type="radio"/>
d. Do you have serious difficulty walking or climbing stairs?	<input type="radio"/>	<input type="radio"/>
e. Do you have difficulty dressing or bathing?	<input type="radio"/>	<input type="radio"/>
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?	<input type="radio"/>	<input type="radio"/>

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