

BEST Graduate Student Post-Exit Survey Pilot Testing

OMB # 0925-0046 Expiration Date: 5/31/2016

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Introduction

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Thank you for participating in this pretest. This survey would be given 2 years after you graduate from the institution. As you answer the questions, please think of your ideal career situation at that time and the potential for any career changes you may have experienced. Your feedback will be very helpful.

***Please record the start time when you begin, so we can approximate the time it takes to complete the survey.**

Start Time

HH	MM	AM/PM	
<input type="text"/>	:	<input type="text"/>	<input type="text"/>

SECTION 1. EMPLOYMENT STATUS

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***1. What date did you receive your Ph.D? (MM/YYYY)**

***2. Have you been employed in the past [insert 2, 4, or 5 depending on the specific post-exit survey] years?**

- a. Yes
- b. No

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***3. How many months after graduation did it take you to find your first job?**

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*4. What is your current employment status?

- a. Currently employed in a position, other than a postdoc
- b. Currently employed as a postdoc
- c. Negotiating for a position other than a postdoc with one or more specific organizations
- d. Negotiating for a postdoc position with one or more specific organizations
- e. Seeking employment but have no specific prospects (not currently employed)
- f. Seeking postdoc position but have no specific prospects (not currently employed)
- g. Enrolled in a full-time degree program
- h. Do not plan to work or study
- i. Other (please specify)

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***5. What is your job title?**

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***6. How many months have you held this position?**

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***7. What is the name of the institution in which you are currently employed?**

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***8. How many months have you held this position?**

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***9. What is the name of the institution with which you are negotiating a position?**

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***10. What degree program are you pursuing?**

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***11. In which type of organization are you employed? If you are negotiating, in which type of organization would you be employed?**

- a. Research intensive university or medical school
- b. College or universities which are not research intensive but which conduct some research
- c. University affiliated research institute
- d. Community or two-year college
- e. Pre-college educational system (preschool through high school)
- f. U.S. Federal government
- g. U.S. State government
- h. U.S. Local government
- i. Foreign government
- j. Not for profit organization
- k. Industry/Corporate (for profit)
- l. Self-employed
- m. Other (please specify)

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*12. What best describes your position?

- a. Academic Faculty, tenure-track
- b. Academic Faculty, not tenure-track
- c. Administration/management
- d. Non-faculty Researcher
- e. Teaching
- f. Other (please specify)

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*13. Where is the location of your employment?

- a. In the U.S.
- b. Outside the U.S.

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*** 14. Overall, how satisfied or dissatisfied are you with this position?**

- a. Very satisfied b. Satisfied c. Neutral d. Dissatisfied e. Very dissatisfied

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Table 1

Below is a list of possible career paths commonly followed by Ph.D.-level scientists. These career paths come from the my Individual Development Plan. If you are not familiar with the career paths on this list, please read the descriptions before proceeding with the survey. You will be asked to answer a question about these career paths.

Career Path	Description
Principal investigator in a research-intensive institution	Independent researcher at a medical school, private research institute, government lab or university with minimal teaching responsibilities.
Research in industry	Discovery or preclinical researcher; manager of a research team or facility.
Research staff in a research-intensive institution	Staff scientist or researcher in academia or government, lab manager, director of a multi-user research facility in an academic institution.
Combined research and teaching careers	Faculty at a liberal arts college or university whose job includes both research and major teaching responsibilities.
Teaching-intensive careers in academia	A primarily teaching faculty position in a research university, liberal arts college, community college.
Science education for K-12 schools	Classroom teacher; curriculum developer; science specialist.
Science education for non-scientists	Education or public outreach specialist such as at a science museum or scientific society.
Clinical practice	Clinician such as genetics counselor, therapist, physician.
Public health related careers	Public health program analyst or evaluator; epidemiologist; biostatistician; medical informaticist.
Scientific/medical testing	Testing specialist in an environmental, public health, genetics, or forensic science setting (intelligence agencies, federal/state departments of justice); clinical diagnostician.
Science writing	Science, medical, or technical writer or journalist; science editor; science publisher.
Research administration	Research administrator in private or public research institutions, government or academia, including compliance officers, grants and contracts officers, dean or director of research programs.
Science policy	Public affairs/government affairs staff at scientific societies, foundations, government entities, or think tanks.
Intellectual property	Patent agent; patent attorney; technology transfer specialist.
Business of science	Management consultant; business development professional in a biotech company venture capitalist; market researcher; investment analyst.
Entrepreneurship	Starting your own business.
Sales and marketing of science-related products	Medical science liaison; technical sales representative; marketing specialist.
Support of science-related products	Technical support specialist; field application specialist; product development scientist or engineer.
Drug/device approval and production	Regulatory affairs professional; quality control specialist.
Clinical research management	Clinical research project/trials manager or coordinator.

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*15. In what career path does your position fit?

- a. Principal investigator in a research-intensive institution
- b. Research in industry
- c. Research staff in a research-intensive institution
- d. Combined research and teaching careers
- e. Teaching-intensive careers in academia
- f. Science education for K-12 schools
- g. Science education for non-scientists
- h. Clinical practice
- i. Public health related careers
- j. Scientific/medical testing
- k. Science writing
- l. Research administration
- m. Science policy
- n. Intellectual property
- o. Business of science
- p. Entrepreneurship
- q. Sales and marketing of science-related products
- r. Support of science-related products
- s. Drug/device approval and production
- t. Clinical research management
- u. Other (please specify)

SECTION 1. EMPLOYMENT STATUS

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*16. How did you first hear of this position? (Check all that apply)

- a. Posting on online job board
- b. Professional organization sites or listservs
- c. Previous internship, job, or volunteer experience with the employer
- d. Previous job shadowing experience with the employer
- e. Institution's career services
- f. On-campus interview
- g. On-campus career fair
- h. Institution sponsored networking such as advisor referral, other faculty referral, or alumni network
- i. Social Networking site (LinkedIn, etc.)
- j. Colleague
- k. Your PI/faculty mentor
- l. Another faculty mentor
- m. Family/Friend
- n. I do not remember
- o. Other (please specify)

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SECTION 2. CHANGE IN CAREER

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Table 1

Below is a list of possible career paths commonly followed by Ph.D.-level scientists. These career paths come from the my Individual Development Plan. If you are not familiar with the career paths on this list, please read the descriptions before proceeding with the survey. You will be asked to answer a question about these career paths.

Career Path	Description
Principal investigator in a research-intensive institution	Independent researcher at a medical school, private research institute, government lab or university with minimal teaching responsibilities.
Research in industry	Discovery or preclinical researcher; manager of a research team or facility.
Research staff in a research-intensive institution	Staff scientist or researcher in academia or government, lab manager, director of a multi-user research facility in an academic institution.
Combined research and teaching careers	Faculty at a liberal arts college or university whose job includes both research and major teaching responsibilities.
Teaching-intensive careers in academia	A primarily teaching faculty position in a research university, liberal arts college, community college.
Science education for K-12 schools	Classroom teacher; curriculum developer; science specialist.
Science education for non-scientists	Education or public outreach specialist such as at a science museum or scientific society.
Clinical practice	Clinician such as genetics counselor, therapist, physician.
Public health related careers	Public health program analyst or evaluator; epidemiologist; biostatistician; medical informaticist.
Scientific/medical testing	Testing specialist in an environmental, public health, genetics, or forensic science setting (intelligence agencies, federal/state departments of justice); clinical diagnostician.
Science writing	Science, medical, or technical writer or journalist; science editor; science publisher.
Research administration	Research administrator in private or public research institutions, government or academia, including compliance officers, grants and contracts officers, dean or director of research programs.
Science policy	Public affairs/government affairs staff at scientific societies, foundations, government entities, or think tanks.
Intellectual property	Patent agent; patent attorney; technology transfer specialist.
Business of science	Management consultant; business development professional in a biotech company venture capitalist; market researcher; investment analyst.
Entrepreneurship	Starting your own business.
Sales and marketing of science-related products	Medical science liaison; technical sales representative; marketing specialist.
Support of science-related products	Technical support specialist; field application specialist; product development scientist or engineer.
Drug/device approval and production	Regulatory affairs professional; quality control specialist.
Clinical research management	Clinical research project/trials manager or coordinator.

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***17. Based on the list of career paths, have you changed career path(s) in the past [insert 2, 4, or 5 depending on the specific post-exit survey] years?**

- a. Yes
- b. No

SECTION 2. CHANGE IN CAREER

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*18. How many times have you changed career paths?

*19. Based on the list of career paths, in which of the following career paths have you held a job in the past [insert 2, 4, or 5 depending on the specific post-exit survey] years? (Check all that apply)

- a. Principal investigator in a research-intensive institution
- b. Research in industry
- c. Research staff in a research-intensive institution
- d. Combined research and teaching careers
- e. Teaching-intensive careers in academia
- f. Science education for K-12 schools
- g. Science education for non-scientists
- h. Clinical practice
- i. Public health related careers
- j. Scientific/medical testing
- k. Science writing
- l. Research administration
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- s. Drug/device approval and production
- t. Clinical research management
- u. Other (please specify)

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*20. How important were the following factors in changing career path?

	5 Extremely influential	4 Very influential	3 Moderately influential	2 Slightly influential	1 Not at all influential	I don't know
a. Professional satisfaction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Geographic location	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Work-life balance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. Salary level	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. More job opportunities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. Availability of funding for research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. Mentor advice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

h. Other (please specify)

*FEEDBACK FOR QUESTION 20

What factors, if any, do you feel could be added to this table?

SECTION 2. CHANGE IN CAREER

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***21. How many jobs have you had in the past [insert 2, 4, or 5 depending on the specific post-exit survey] years?**

***22. How many of those jobs were postdoctoral positions?**

***23. How many times have you changed employers in the past [insert 2, 4, or 5 depending on the specific post-exit survey] years?**

SECTION 3. CAREER ACTIVITIES

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24. Which of the following career activities have occurred in the last [insert 2, 4, or 5 depending on the specific post-exit survey] years? (Check all that apply)

- a. I applied for tenure at a university or college
- b. I filed a patent application or have been granted a patent
- c. I founded a company
- d. I obtained a management or executive level position
- e. I increased my sales goals
- f. I developed new client relationships

***FEEDBACK FOR QUESTION 24**

What career activity(ies), if any, do you feel could be added to the list?

SECTION 3. CAREER ACTIVITIES

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***25. Has your work been featured in the popular press and/or media in the last [insert 2, 4, or 5 depending on the specific post-exit survey] years?**

- a. Yes
- b. No
- c. I do not know

SECTION 3. CAREER ACTIVITIES

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***25a. In what popular press and/or media has your work been featured? Please provide the URL or citation.**

SECTION 3. CAREER ACTIVITIES

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***26. Have you served as a grant reviewer in the last [insert 2, 4, or 5 depending on the specific post-exit survey] years?**

- a. Yes
- b. No
- c. I do not know

SECTION 3. CAREER ACTIVITIES

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***26a. Please provide the name of the institution and the topic.**

SECTION 3. CAREER ACTIVITIES

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***27. Have you served as a manuscript reviewer for a peer-reviewed journal in the last [insert 2, 4, or 5 depending on the specific post-exit survey] years?**

- a. Yes
- b. No
- c. I do not know

SECTION 3. CAREER ACTIVITIES

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***27a. Please provide the name of the journal.**

SECTION 3. CAREER ACTIVITIES

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28. What other career activities have occurred in the last [insert 2, 4, or 5 depending on the specific post-exit survey] years?

SECTION 3. CAREER ACTIVITIES

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***29. In the last [insert 2, 4, or 5 depending on the specific post-exit survey] years, have you applied for funding from NIH?**

- a. Yes
- b. No
- c. I do not know

SECTION 3. CAREER ACTIVITIES

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*** 29a. How many grant applications have you submitted?**

*** 29b. How many were funded?**

*** 29c. For how many are you awaiting notification?**

*** 29d. For how many did you not receive funding?**

SECTION 3. CAREER ACTIVITIES

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***30. In the last [insert 2, 4, or 5 depending on the specific post-exit survey] years, have you applied for funding from Government agencies (excluding NIH)?**

- a. Yes
- b. No
- c. I do not know

SECTION 3. CAREER ACTIVITIES

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*** 30a. How many grant applications have you submitted?**

*** 30b. How many were funded?**

*** 30c. For how many are you awaiting notification?**

*** 30d. For how many did you not receive funding?**

SECTION 3. CAREER ACTIVITIES

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***31. In the last [insert 2, 4, or 5 depending on the specific post-exit survey] years, have you applied for funding from Institutional Resources?**

- a. Yes
- b. No
- c. I do not know

SECTION 3. CAREER ACTIVITIES

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***31a. How many grant applications have you submitted?**

***31b. How many were funded?**

***31c. For how many are you awaiting notification?**

***31d. For how many did you not receive funding?**

SECTION 3. CAREER ACTIVITIES

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***32. In the last [insert 2, 4, or 5 depending on the specific post-exit survey] years, have you applied for funding from Private sources (e.g., foundations, industry)?**

- a. Yes
- b. No
- c. I do not know

SECTION 3. CAREER ACTIVITIES

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*** 32a. How many grant applications have you submitted?**

*** 32b. How many were funded?**

*** 32c. For how many are you awaiting notification?**

*** 32d. For how many did you not receive funding?**

SECTION 3. CAREER ACTIVITIES

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***33. In the last [insert 2, 4, or 5 depending on the specific post-exit survey] years, have you applied for funding from other sources?**

- a. Yes
- b. No
- c. I do not know

SECTION 3. CAREER ACTIVITIES

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*** 33a. How many grant applications have you submitted?**

*** 33b. How many were funded?**

*** 33c. For how many are you awaiting notification?**

*** 33d. For how many did you not receive funding?**

SECTION 3. CAREER ACTIVITIES

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***34. Have you been unemployed in the past in the past [insert 2, 4, or 5 depending on the specific post-exit survey] years?**

- a. Yes
- b. No

SECTION 3. CAREER ACTIVITIES

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*** 34a. How many months were you unemployed?**

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FEEDBACK

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***Please record the end time when you finish, so we can approximate the time it takes to complete the survey.**

End Time HH MM AM/PM
 :

***A. What is your overall impression of the survey?**

***B. Were any of the instructions unclear? If yes, which questions and why? Please feel free to use the back button to go back through the survey.**

***C. Where there any questions where you feel the wording could be improved? If yes, which questions and why? Please feel free to use the back button to go back through the survey.**

***D. Were there any questions you feel did not apply to you? Why?**

***E. What are your comments about the order of the questions?**

***F. What suggestions do you have to encourage participation in the surveys?**