Attachment 5: Screenshots of Graduate Student Exit Survey

BEST Graduate Student Exit Survey Pilot Testing

OMB # 0925-0046 Expiration Date: 5/31/2016
Public reporting burden for this collection of information is estimated to average 45 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 (0925-0046*). Do not return the completed form to this address.

Introduction

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

Thank you for agreeing to participate in the pilot testing for the surveys for BEST trainees. Please note that this pilot testing will only be used to improve the instructions and wording of the survey questions.

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

	HH	MM	AM/PM	
Start Time		:		•

SECTION 1. UNDERSTANDING OF CAREER OPPORTUNITIES, CONFIDENCE IN CAREER, CAR...

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

*1. In the past 12 months, which of the following have you done as a part of your career exploration and development?

	Yes	No	I don't remember
a. Completed an Individual Development Plan (IDP)	O	С	0
b. Held internship(s) internal to the institution	O	O	0
c. Held internship(s) external to the institution	О	O	O
d. Attended a course(s) about career planning for credit	C	O	O
e. Attended a course(s) about career planning not for credit	С	С	С
f. Sought career advice from your PI	0	O	O
g. Sought career advice from a faculty member (other than your PI) or a staff member	C	C	0
h. Discussed career plans with professionals outside of academia	С	О	0
i. Attended career-related event(s) at your institution (e.g. workshops, speakers, career fairs, seminars, etc.)	С	С	С
j. Attended career-related event(s) NOT at your institution (e.g. workshops, speakers, career fairs, seminars, etc.)	C	O	O
k. Read books, articles, and/or online sources about career development or planning	О	C	0
I. Other (please specify)			

*2. How confident are you in your ability to do the following?

	5 Complete confidence	4 High confidence	3 Moderate confidence	2 Minimal confidence	1 No confidence	I don't know
a. Accurately assess your abilities to pursue your desired career path(s)	0	0	0	O	0	0
b. Determine the steps to pursue your desired career path(s)	0	0	O	0	0	O
c. Talk to your Pl/faculty advisor regarding your desired career path(s)	0	0	©	0	0	O
d. Seek advice from professionals in your desired career path(s)	O	0	O	0	O	O
e. Identify potential employers, firms, and institutions relevant to your desired career path(s)	0	•	©	O	0	6
f. Achieve your career goals	0	O	0	0	0	0

SECTION 1. UNDERSTANDING OF CAREER OPPORTUNITIES, CONFIDENCE IN CAREER, CAR...

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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.

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Career Path	Description
Principal investigator in a	Independent researcher at a medical school, private research institute,
research-intensive institution	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-	Staff scientist or researcher in academia or government, lab manager,
intensive institution	director of a multi-user research facility in an academic institution.
Combined research and teaching	Faculty at a liberal arts college or university whose job includes both
careers	research and major teaching responsibilities.
Teaching-intensive careers in	A primarily teaching faculty position in a research university, liberal arts
academia	college, community college.
Science education for K-12	Classroom teacher; curriculum developer; science specialist.
schools	
Science education for non-	Education or public outreach specialist such as at a science museum or
scientists	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-	Medical science liaison; technical sales representative; marketing specialist.
related products	
Support of science-related products	Technical support specialist; field application specialist; product
-	development scientist or engineer.
Drug/device approval and	Regulatory affairs professional; quality control specialist.
production	
Clinical research management	Clinical research project/trials manager or coordinator.
	<u> </u>

*3. Based on the list of career paths, to what extent are you currently considering the following?

	5 Will definitely pursue	4 Strongly considering	3 Moderately considering	2 Slightly considering	1 Not considering	I don't know
a. Principal investigator in a research-intensive institution	O	O	O	0	O	0
b. Research in industry	0	0	0	0	0	0
c. Research staff in a research-intensive institution	O	0	O	O	O	0
d. Combined research and teaching careers	O	O	O	O	O	0
e. Teaching-intensive careers in academia	0	0	0	O	O	0
f. Science education for K- 12 schools	O	0	O	O	O	O
g. Science education for non-scientists	0	0	O	0	O	0
h. Clinical practice	0	0	0	0	\circ	0
i. Public health related careers	0	O	0	O	O	0
j. Scientific/medical testing	\circ	0	\circ	0	\circ	0
k. Science writing	0	0	0	0	0	0
I. Research administration	0	0	0	0	0	0
m. Science policy	0	0	0	0	0	0
n. Intellectual property	0	0	0	0	0	0
o. Business of science	O	O	0	0	0	0
p. Entrepreneurship	0	0	0	0	0	0
q. Sales and marketing of science-related products	O	0	O	0	O	0
r. Support of science-related products	O	0	O	O	O	0
s. Drug/device approval and production	0	O	0	O	O	0
t. Clinical research management	O	O	O	С	O	0
u. Career that is not related to science	0	0	0	O	0	0
v. Other (please specify)						

ease comment if the descriptions in the career path table uestion 3.		
uestion 3.		
	were helpful in	answering

SECTION 1. UNDERSTANDING OF CAREER OPPORTUNITIES, CONFIDENCE IN CAREER, CAR...

changed during graduate so a. A great deal b. Quite a bit c. Somewhat d. Very little e. Not at all					
b. Quite a bit c. Somewhat d. Very little					
c. Somewhat d. Very little					
d. Very little					
e. Not at all					
5. How influential are the	following facto	rs in your o	choice of desire	ed career p	ath(s)?
5 Extremely influential	4 Very influential	3 Moderately influential	2 Slightly influential	1 Not at all influential	I don't know
Professional satisfaction	0	0	0	O	0
Geographic location	0	0	0	0	0
Nork-life balance	0	O	0	0	0
Salary level	O	0	0	0	0
More job opportunities	0	0	0	0	0
Availability of funding for Cearch	O	O	0	O	O
Mentor advice	0	O	0	0	0
Other (please specify)					
Other (please specify) FEEDBACK FOR QUESTIC					

SECTION 2. FACULTY SUPPORT AND GRADUATE PROGRAM

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*6. Thinking about your interactions with your PI/faculty advisor, how much do you agree with the following statements?

	5 Strongly agree	4 Agree	3 Neither disagree nor agree	2 Disagree	1 Strongly disagree	I don't know
a. My PI/faculty advisor supported my career goals.	O	0	0	0	0	•
 b. My PI/faculty advisor supported my professional development towards my desired career goals. 	O	O	O	O	O	O

*7a. Thinking about your graduate program as a whole, how much do you agree with the following statements?

	5 Strongly agree	4 Agree	3 Neither disagree nor agree	2 Disagree	1 Strongly disagree	I don't know
a. I feel I received the training I need for my desired career path(s).	O	0	O	O	0	O
b. I feel I received support from my graduate program to pursue professional development activities.	0	O	O	0	0	O
c. I feel I received support from my graduate program for a broad range of career path(s).	0	O	O	0	О	C

BEST Graduate Student Exit Survey Pilot Testing

*7b. Thinking about your institution as a whole, how much do you agree with the following statements?

	5 Strongly agree	4 Agree	3 Neither disagree nor agree	2 Disagree	1 Strongly disagree	I don't know
d. I feel I received the training I need for my desired career path(s).	0	0	О	0	O	O
e. I feel I received support from my institution to pursue professional development activities.	O	0	O	0	O	O
f. I feel I received support from my institution for a broad range of career path (s).	0	O	О	0	О	0

*FEEDBACK FOR QUESTIONS 7A AND 7B

What are your thoughts about Questions 7a and 7b? Regarding professional development activities, what types of distinctions do you make between the support you receive from your graduate program and your institution?

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SECTION 3. BEST ACTIVITIES

	OMB # 0925-0046	Expiration Date: 5/31/2016
*8. Did you participate in the BEST program?		
O a. Yes		
C b. No		
C c. I do not know/I do not remember.		

EST Graduate Student Exit Survey Pilot Testing					
ECTION 3. BEST ACTIVITIES					
				OMB # 0925-0046 Exp	iration Date: 5/31/20
^k 9. Thinking about	all the care	er-related activi	ties you may h	ave participated	d in, how
elpful was the BES					·
	4	3	2	1	I do not know
n. Providing you with nowledge of the skills for a vide range of careers	Very helpful	Somewhat helpful	Not very helpful	Not at all helpful	O
o. Making career decisions	0	O	O	O	0

SECTION 3. BEST ACTIVITIES

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

Olvid # 0323-0040 Expira	
*11. Did you participate in career-related activities other than the ones provid	ed by the
BEST program?	
C a. Yes	
O b. No	
C c. I do not know/I do not remember	

BEST Graduate Student Exit Survey Pilot Testing **SECTION 3. BEST ACTIVITIES** OMB # 0925-0046 Expiration Date: 5/31/2016 *12. What activities did you find most helpful in your career planning? Please explain.

	OMB # 0925-0046 Expiration Date: 5/31/20
13. Please describe activities that helped you activities were offered by your institution.	most in your career planning and whethe

SECTION 4. INFORMATION ABOUT DEGREE & BACKGROUND INFORMATION

	OMB # 0925-0046 Expiration Date: 5/31/2016
*14. When did you defend your dissertation? (N	IM/YYYY)
*15. When is your expected graduation date? (лм/YYYY)
≭ 16. What graduate degree have you received o	or will you receive from this institution?
(Check all that apply)	
a. Ph.D. (or equivalent)	
b. M.D. (or equivalent)	
C. D.V.M. (or equivalent)	
☐ d. M.S., M.A., M.B.A.	
e. I left graduate school before attaining a degree.	
f. Other type of master's degree(s) or doctoral degree(s) (please specify)	

SECTION 4. INFORMATION ABOUT DEGREE & BACKGROUND INFORMATION

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

*17. Please indicate whether each of the following was a source of financial support during graduate school.

	Yes	No	I do not remember	I do not know
a. Grant, fellowship, or scholarship (awarded to you)	О	O	O	O
b. Research, teaching, or other assistantship	0	O	O	O
c. Internship, clinical residency	0	0	O	O
d. Loans	\circ	\circ	O	\circ
e. Personal or family	0	0	0	0
f. Employer reimbursement/assistance	O	0	O	0
g. Foreign (non-U.S.) support	0	0	O	0
h. Other (please specify)				

***FEEDBACK FOR QUESTION 17**

What are your thoughts on items a and b in Question 17?

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SECTION 4. INFORMATION ABOUT DEGREE & BACKGROUND INFORMATION

	OMB # 0925-0046 Expiration Date: 5/31/2016
18.	Approximately how much money do you owe that is directly related to your graduate
edu	ucation? (optional)
0	None
0	Less than \$10,000
0	Between \$10,000 and \$30,000
0	More than \$30,000

SECTION 5. RESEARCH PRODUCTIVITY & EMPLOYMENT STATUS

	OMB # 0925-0046 Expiration Date: 5/31/2016
*19a. Have you been a first author on a publication in a pee	r reviewed journal?
C a. Yes	
O b. No	

BEST Graduate Student Exit Survey Pilot Testing **SECTION 5. RESEARCH PRODUCTIVITY & EMPLOYMENT STATUS** OMB # 0925-0046 Expiration Date: 5/31/2016 *19b. How many first author publications do you have in peer reviewed journals?

SECTION 5. RESEARCH PRODUCTIVITY & EMPLOYMENT STATUS

		OMB # 0925-0046	Expiration Date: 5/31/2016
*2	20. What is your current employment status?		
0	a. Have accepted a position, other than a postdoc		
0	b. Have accepted a position as a postdoc at another institution		
0	c. Have accepted a position as a postdoc at my current institution		
0	d. Negotiating for a position other than a postdoc with one or more specific organizations		
0	e. Negotiating for a postdoc position with one or more specific organizations		
0	f. Seeking employment but have no specific prospects		
0	g. Seeking postdoc position but have no specific prospects		
0	h. Enrolling in a full-time degree program		
0	i. Do not plan to work or study		
0	j. Other (please specify)		

BEST Graduate Student Exit Survey Pilot Testing SECTION 5. RESEARCH PRODUCTIVITY & EMPLOYMENT STATUS OMB # 0925-0046 Expiration Date: 5/31/2016 *21. What is your job title?

SECTION 5. RESEARCH PRODUCTIVITY & EMPLOYMENT STATUS

		OMB # 0925-0046	Expiration Date: 5/31/20
22. What is the name of the	e institution in which	you accepted or are neg	otiating for a
sition?			

BEST Graduate Student Exit Survey Pilot Testing SECTION 5. RESEARCH PRODUCTIVITY & EMPLOYMENT STATUS OMB # 0925-0046 Expiration Date: 5/31/2016 *23. What degree program will you be pursuing?

SECTION 5. RESEARCH PRODUCTIVITY & EMPLOYMENT STATUS

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

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

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

SECTION 5. RESEARCH PRODUCTIVITY & EMPLOYMENT STATUS

		OMB # 0	925-0046	Expiration Date: 5/31/2016
*2	25. What best describes your position?			
0	a. Academic Faculty, tenure-track			
0	b. Academic Faculty, not tenure-track			
0	c. Administration/management			
0	d. Non-faculty Researcher			
0	e. Teaching			
0	f. Other (please specify)			

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

SECTION 5. RESEARCH PRODUCTIVITY & EMPLOYMENT STATUS

			OMB # 0925-00	146 Expiration Date: 5/31/2016
*27. Overall, how	v satisfied or diss	atisfied are you v	vith this position?	
C a. Very Satisfied	C b. Satisfied	C c. Neutral	C d. Dissatisfied	C e. Very dissatisfied

SECTION 5. RESEARCH PRODUCTIVITY & EMPLOYMENT STATUS

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

VIV 4	28. In what career path does this position fit?
0	a. Principal investigator in a research-intensive institution
0	b. Research in industry
0	c. Research staff in a research-intensive institution
0	d. Combined research and teaching careers
0	e. Teaching-intensive careers in academia
0	f. Science education for K-12 schools
0	g. Science education for non-scientists
0	h. Clinical practice
0	i. Public health related careers
0	j. Scientific/medical testing
0	k. Science writing
0	I. Research administration
0	m. Science policy
0	n. Intellectual property
0	o. Business of science
0	p. Entrepreneurship
0	q. Sales and marketing of science-related products
0	r. Support of science-related products
0	s. Drug/device approval and production
0	t. Clinical research management
0	u. Other (please specify)

SECTION 5. RESEARCH PRODUCTIVITY & EMPLOYMENT STATUS

OMB # 0925-0046 Expiration Date: 5/31/2016 *29. 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 □ I. Another faculty mentor m. Family/Friend n. I do not remember o. Other (please specify)

SECTION 6. POST-EXIT FOLLOW-UP SURVEYS

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

30. NIH is conducting a long-term study of the training and career outcomes of graduate students and postdoctoral scientists. NIH would like to invite you to participate in post-exit surveys in 2, 6, 10, and 15 years after you exit this institution. The information you provide in the surveys could improve doctoral and postdoctoral training experiences within the biomedical science programs/departments at your institution. There will be raffles for prizes offered to the participants of these surveys. Your participation in the surveys is voluntary. You are free to withdraw your consent and discontinue participation without penalty at any time.

The surveys will take between 5-10 minutes. If you are interested in participating in these surveys, please provide your email address(es) below.

surveys, please pi	ovide your em	iail address(e	s) below.		
Primary Email Address (e.g. personal or non-institutional):					
Secondary Email Address (optional):					
If you agree to par	ticipate in the	follow-up sur	veys, the data f	from surveys	you have
participated in du	ring graduate s	school or you	r postdoctoral t	raining will be	e linked to the
data in the post-ex	cit surveys. Ple	ease check th	e box below to	consent.	
☐ I consent to have my d	ata from surveys linked	to post-exit survey da	ıta.		

BEST Graduate Student Exit Survey Pilot Testing **FEEDBACK** OMB # 0925-0046 Expiration Date: 5/31/2016 *Please record the end time when you finish, so we can approximate the time it takes to complete the survey. НН MM AM/PM End Time *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. stC. 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?