# APPENDIX C: GRADUATE STUDENT FOLLOW-UP SURVEY QUESTIONNAIRE

# GRADUATE STUDENT FOLLOW-UP SURVEY Conducted by WestEd for The National Science Foundation

**Purpose of the study:** This survey is being conducted for the National Science Foundation as part of its efforts to learn about the educational, professional career advancement, and scholarly achievements of graduate students. The survey is soliciting responses from a sample who began graduate programs between 1989 and 1993. The study is designed to collect information on the careers and accomplishments of graduate students who changed programs, left before completion, completed their degrees, or are still enrolled.

Use of information: The results of the survey will assist the National Science Foundation in assessing the effectiveness of its programs that support graduate education, will be used to consider modifications to current programs, and will inform and facilitate reporting as part of the Government Performance and Results Act. Any information that would permit identification of individual respondents will be held in strict confidence. Your response is voluntary and failure to provide some or all of the requested information will not in any way adversely affect you.

Privacy Act and Public Burden Statements. The information requested on this survey is solicited under the authority of the National Science Foundation Act of 1950, as amended. The information from this data collection will be retained as part of the Privacy Act system of Records in accordance with the Privacy Act of 1974. Data submitted will be used in accordance with the criteria established by NSF for monitoring research and education grants, and in response to Public Law 99-383 and 24 USC 1885c. The information requested may be disclosed to qualified researchers and contractors or in order to coordinate programs and to a Federal agency, court or party in a court or Federal administrative proceeding if the government is a party. Information may be added to and maintained by the Education and Training System of Records 63 Federal Register 264, 272 (January 5, 1998).

Submission of information is voluntary. Public burden for this collection of information is estimated to average .75 hours per response, including the time for reviewing instructions. Send comments regarding this burden estimate and any other aspect of this collection of information, including suggestions for reducing this burden to: Suzanne Plimpton, Reports Clearance Officer, Systems and Services Branch, Division of Administrative Services, National Science Foundation, Arlington, VA 22230. 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. The OMB number for this survey is 3145-0136.



#### INSTRUCTIONS

Thank you for taking the time to complete this important questionnaire. Directions are provided for each question. Because not all questions will apply to everyone, you may be asked to skip certain questions.

- Please use a black pen or dark lead pencil
- When answering questions that require marking a box, please use an "X".
- When this questionnaire was pilot tested, respondents commented that it would be useful to have a curriculum vita handy to assist in completing some of the questions.
- If you have any questions about completing this questionnaire, please call WestEd's toll free number at 877-221-2216 between 8:00 a.m. and 5:00 p.m. Pacific Time.

### Please return the survey in the enclosed envelope within 7 days to:

Evaluation Research WestEd 4665 Lampson Avenue Los Alamitos, CA 90720

Thanks again for your help. We really appreciate it.

We will ask you to use codes that describe your fields of study in several of the questions in this survey.

### Field of Study Codes

Biological/Life/Ag.	Physical Sciences	Social and	<b>Education</b>
<u>Sciences</u>	21 Chemistry	Behavioral Sciences	61 Teacher Education
01 Biochem. & Molecular	22 Physics	41 Psychology	62 Education, Other
Biology	23 Mathematics	42 Economics	
02 Cell & Developmental Biology	24 Computer Sciences	43 Political Science	Business and Management
03 Molecular and General	25 Geosciences	44 Sociology	71 Bus. Mgmt and Admin. Serv.
Genetics	25 Statistics/Biostatistics	45 Anthropology	72 Communications
04 Neuroscience	27 Astrophysics/	46 Geography	79 Business and Management, Other
05 Pharmacology	Astronomy	49 Social Sciences, Other	
06 Ecology, Evolution &	28 Oceanography		Other Professional Fields
Behavior	29 Physical Sci, Other	<u>Humanities</u>	81 Architecture, Environ.Design
07 Physiology		51 History	82 Home Economics
08 Agricultural Sciences, Other	Engineering	52 English Lang. and Lit.	83 Law
09 Biological and Life Sciences,	31 Electrical	53 Foreign Lang. and Lit.	84 Library Science
Other	Engineering	54 American Studies	85 Public Administration
	32 Mech. Engineering	55 Archeology	86 Social Work
Health Sciences	33 Chemical Engineering	56 Art History & Related	87 Theology/Religious Ed.
11 Medicine (MD)	34 Civil Engineering	57 Philosophy	89 Other Professional Fields, Other
12 Nursing	35 Materials Engineering	58 Performing Arts	
13 Pharmacy	36 Aerospace Engr.	59 Humanities, Other	90 Other Fields, not included
14 Veterinary Medicine	37 Biomedical Engr.		<u>above</u>
15 Public Health	38 Industrial Engineering		
16 Environmental Health	39 Engineering, Other		
17 Health Administration			
19 Health Sciences, Other			

	ion 1: Graduate Education									
nis	s section we ask you some questions about your e	experiences in gra	aduate school.							
	What was the <u>most recent</u> doctoral program you were enrolled in? If you have never been enrolled as a doctoral student, please use the <u>most recent</u> master's program you were enrolled in.									
	Institution and Location	Field of Study Codes (page 2) Number	Degree Sought Type	Dates Enrolled						
	For the remainder of this survey, the graduate p REFERENCE PROGRAM.	orogram identified	d above will be y	/our						
	Did you leave the <u>first</u> graduate program in which you sought?  ☐ Yes ⇒ Continue with Question 1.3 ☐ No ⇒ Go to Question 1.7	ou enrolled withou	t completing the d	egree you initially						
	Which program did you leave?									
	Institution and Location	Field of Study Codes (page 2) Number	Degree Sought Type	Dates Enrolled						
	What was your status when you left this program?  Mark all that apply.  1.  Left with master's degree 2.  Left at "All But Dissertation" status									

2.		To accept employment in my field of	study			
		To accept employment in another field	i			
3.		The possibility of more employment	opportunities in a dif	ferent field		
4.		The possibility of making more money	in a different field			
5.		My chosen work does not require a Pl	nD			
6.		To move with my faculty adviser to a	new institution			
7.		To enter a different graduate program				
8.		Financial problems				
9.		Medical reasons				
10.		Family or other personal reasons				
11.		Problems meeting academic requireme	nts			
12.		Problems with my dissertation adviser	•			
13.		A non-supportive department climate				
14.		The environment for minority student				
prog Pleas	ram? P	The environment for women students  5 above, which one was the <i>most</i> implace number in space  ate the following aspects of your REI  x for each item.	ortant in making tl		eave you	ır gr
Of ito prog Pleas Mark	ems 1-15 ram? P. se evalua	5 above, which one was the <i>most</i> implace number in space  Ite the following aspects of your REI  x for each item.  Aspect of Program	ortant in making the FERENCE PROGRAME	M. Satisfactory	eave you	
Of ite progr Pleas Mark	ems 1-15 ram? P se evalua s one box Overall	5 above, which one was the <i>most</i> implace number in space  Ite the following aspects of your REI  It for each item.  Aspect of Program  advice and guidance	ortant in making the second of	м.	Poor	
Of ito progr Pleas Mark	ems 1-15 ram? Properties e evaluate cone box Overall a	S above, which one was the <i>most</i> implace number in space  Ite the following aspects of your REI  It is to each item.  Aspect of Program  It is advice and guidance	Excellent	M. Satisfactory	Poor	
Of ite progr Pleas Mark 1. 2. 3.	ems 1-15 ram? Properties re evaluate cone box Overall a Curricul Instructi	5 above, which one was the <i>most</i> implace number in space  Ite the following aspects of your REI  It for each item.  Aspect of Program  It is advice and guidance	Excellent	M. Satisfactory	Poor	
Of ite programmers Please Mark 1. 2. 3. 4.	ems 1-15 ram? P. se evalua cone bos Overall : Curricul Instructi Training	S above, which one was the <i>most</i> implace number in space  Ite the following aspects of your REI  It is to each item.  Aspect of Program  It is advice and guidance	Excellent	M. Satisfactory	Poor	
Of ite progr Pleas Mark 1. 2. 3. 4. 5.	ems 1-15 ram? P se evalua c one bos  Overall a Curricul Instructi Training Research	S above, which one was the <i>most</i> implace number in space  Ite the following aspects of your REI  It is for each item.  Aspect of Program  It is advice and guidance	Excellent	M. Satisfactory	Poor	
Of ito progr Pleas Mark 1. 2. 3. 4. 5. 6.	ems 1-15 ram? Properties e evaluate cone box  Overall a Curricul Instruction Training Research Training	Aspect of Program advice and guidance	Excellent	M. Satisfactory	Poor	
Of itu progr Pleas Mark 1. 2. 3. 4. 5. 6. 7.	Overall a Curricul Instructi Training Researcl Training Support	Aspect of Program advice and guidance um in research methods n experience g for TA position from dissertation/thesis adviser	Excellent	M. Satisfactory	Poor	ır gr
1. 2. 3. 4. 5. 6. 7. 8.	Overall a Curricul Instructi Training Researcl Training Support Assistan	Aspect of Program advice and guidance g in research methods n experience g for TA position from dissertation/thesis adviser	Excellent	M. Satisfactory	Poor	
1. 2. 3. 4. 5. 6. 7. 8. 9.	Overall a Curricul Instructi Training Researcl Training Support Assistan Environ	Aspect of Program advice and guidance	Excellent	M. Satisfactory	Poor	
1. 2. 3. 4. 5. 6. 7. 8. 9. 10.	Overall a Curricul Instructi Training Researcl Training Support Assistan Environ	Aspect of Program advice and guidance in research methods in respective composition from dissertation/thesis adviser	Excellent	M. Satisfactory	Poor	
Pleas  Mark  1. 2. 3. 4. 5. 6. 7. 8. 9. 10.	Overall a Curricul Instructi Training Researcl Training Support Assistan Environ Perceive	Aspect of Program advice and guidance	Excellent	M. Satisfactory	Poor	

1.9	Dia ;	you re	ceive support from your REFERENCE PROGRAM in each of the following areas?
	Mar	k all tł	hat apply.
	1.		Opportunities to learn about proposal writing
	2.		Help in publishing my work
	3.		Opportunities to present my research
	4.		Funds to attend professional meetings
1.10	Did :	your g	graduate experience in your REFERENCE PROGRAM involve the activities listed?
	Mar	k all th	hat apply.
	1.		Working on a team with people other than your adviser
	2.	ō	Collaborating with another person
	3.	ō	Undertaking interdisciplinary research
	4.	ā	Learning organizational or managerial skills
	5.	ā	Opportunities to interact with professionals in the field who were not academics
1.11	Whi	ch of t	the following skills should be developed in graduate school for your subsequent professional
	succ		processing states states and the policy and the states of
	Mar	k all tł	hat apply.
	1.		Working on a team with people other than your adviser
	2.	_	Collaborating with another person
	3.	_	Undertaking interdisciplinary research
	4.	ā	Learning organizational or managerial skills
1.12		_	what you know now, if you were considering graduate education for the first time, what would ion be?
	Cho	ose on	e.
	1.		Not pursue graduate education
	2.		Pursue an academic master's degree (MA, MS, etc.)
	3.		Pursue a professional master's degree (MBA, MSW, etc.)
	4.		Pursue a PhD in the same field
	5.		Pursue a PhD in a different field
	6.		Pursue a medical degree (MD)
	7.		Pursue a law degree (JD)
	8.		Pursue another type of professional degree

<b>Professional</b>	Accomplishments	While in	Graduate	<b>School</b>
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Please include in this section activities that were accomplished while in graduate school (include all graduate programs in which you enrolled).

Regional/National meetings  How many publications did you produce while in graduate school? Include publications that were primary Author (Number) Other Co-Author (Number)  Refereed journal articles  Non-refereed articles (i.e., newspaper and magazine articles, book reviews)  Book chapter/edited book  Book published  How many patents were you involved in applying for while in graduate school? (Number)  Please list awards, service, and other professional accomplishments during graduate school.		Number of Papers Present	ed	
How many publications did you produce while in graduate school? Include publications that were Primary Author (Number) Other Co-Author (Number)  Refereed journal articles  Non-refereed articles (i.e., newspaper and magazine articles, book reviews)  Book chapter/edited book  Book published  How many patents were you involved in applying for while in graduate school? (Number)	Regional/National meetings			
Refereed journal articles  Non-refereed articles (i.e., newspaper and magazine articles, book reviews)  Book chapter/edited book  Book published  How many patents were you involved in applying for while in graduate school? (Number)	International meetings			
Refereed journal articles  Non-refereed articles (i.e., newspaper and magazine articles, book reviews)  Book chapter/edited book  Book published  How many patents were you involved in applying for while in graduate school? (Number)	How many publications did you produce	while in graduate schoo	l? Include publicati	ons that were
Refereed journal articles  Non-refereed articles (i.e., newspaper and magazine articles, book reviews)  Book chapter/edited book  Book published  How many patents were you involved in applying for while in graduate school? (Number)				
magazine articles, book reviews)  Book chapter/edited book  Book published  How many patents were you involved in applying for while in graduate school? (Number)	Refereed journal articles	(r turricor)	(r (unicor)	
Book published  How many patents were you involved in applying for while in graduate school? (Number)	, , , <b>, , , , , , , , , , , , , , , , </b>			
How many patents were you involved in applying for while in graduate school? (Number)	Book chapter/edited book			
		undring for while in one	advata sahaal? (Num	uhon)
	How many patents were you involved in a			
	How many patents were you involved in a			
	How many patents were you involved in a			

### **Undergraduate and Graduate Education Background**

Institution and Location

In the table below please provide information on your postsecondary education including all colleges and universities attended and degrees received (if any) as indicated in the example. Start with most recent graduate or professional program attended and include your undergraduate degree. Include graduate and professional programs you did not complete. Use the codes for the field of study provided on page 2.

Years Attended

Field of Study

Degree

Degree

Year

### Example

					Codes (page 2)	Sought	Earned	Awarded
Institution			From	To	Number	Type	Type	
University of Califo	ornia		1990	1996	01	PhD	PhD	1996
Branch or City	State or Province	Country (if not U.S.)						
Berkeley	CA							
	Institution and Loc	cation	Years .	Attended	Field of Study	Degree	Degree	Year
					Codes (page 2)	Sought	Earned	Awarded
Institution			From	То	Number	Type	Type	
Branch or City	State or	Country (if not						
	Province	U.S.)						
Institution			From	То	Number	Type	Type	
Branch or City	State or	Country (if not						
	Province	U.S.)						
Institution			From	То	Number	Type	Type	
Branch or City	State or	Country (if not						
Drainen or eng	Province	U.S.)						
Institution			From	То	Number	Type	Type	
Branch or City	State or	Country (if not						
	Province	U.S.)						
Institution			From	То	Number	Type	Type	
Branch or City	State or	Country (if not						
	Province	U.S.)						

1.18	Has g	raduate	or profes	ssional study been your primary activity since you entered GRADUATE SCHOOL?
		Yes	$\Rightarrow$	Go to Section 3 page 14
		No	$\Rightarrow$	Continue to Section 2

### **Section 2: Career Activities**

We are interested in your professional employment history (including postdoctoral positions) since graduate school. Please start by telling us your job(s) on January 10, 1999, and then provide employment information for prior years when graduate school was not your primary activity. If you held multiple positions at one time, use a separate line for each position. If there are periods when you were not in the workforce, please show this on a separate line and enter a reason from List A. If you held the same position for several years, you can show this my checking the "no change" box.

EMPLOYMENT STATUS (LIST A)	TYPE OF ORGANIZATION (LIST B)	TYPE OF POSITION (LIST C)	PRIMARY RESPONSIBILITIES UNDERTAKEN/SUPERVISE D (LIST D) (LIST NO MORE THAN 2 CODES IN THE ORDER OF IMPORTANCE)
<ol> <li>Employed</li> <li>Not in workforce         <ul> <li>Medical condition</li> <li>Seeking employment</li> <li>Voluntarily out of workforce, not seeking employment</li> </ul> </li> <li>Further education         <ul> <li>(exclude postdoctoral study)</li> </ul> </li> <li>Retired</li> </ol>	<ol> <li>Small business /industry (&lt; 25)</li> <li>Other business/industry</li> <li>Self-employed</li> <li>State/local government/agency</li> <li>Federal government/agency</li> <li>National laboratory</li> <li>International organization</li> <li>Other non-profit organization</li> <li>University that grants Ph.D.</li> <li>College or university that does not independently grant the Ph.D.</li> <li>2-yr/community college</li> <li>Elementary or secondary school</li> <li>Medical school</li> <li>Hospital/clinic</li> <li>Military</li> <li>Other</li> </ol>	<ol> <li>Higher Education Sector</li> <li>Postdoctoral fellow (includes temporary academic appointment with reduced/no teaching requirement)</li> <li>Non-tenure-track faculty</li> <li>Tenure-track faculty</li> <li>Tenured faculty</li> <li>Researcher (not faculty)</li> <li>Administrator/manager (not faculty)</li> <li>Clerical/support</li> <li>Other</li> <li>Business, non-profit, government, schools sectors</li> <li>Owner/partner</li> <li>Administrator/manager</li> <li>Professional</li> <li>Clerical/support</li> </ol>	<ol> <li>Research and development</li> <li>Teaching/training</li> <li>Student services</li> <li>Human resources services</li> <li>Information technology services</li> <li>Legal services</li> <li>Clinical/medical services</li> <li>Manufacturing/engineering-related services</li> <li>Public relations</li> <li>Writing/editing</li> <li>Marketing/sales</li> <li>Finance</li> <li>Planning/budgeting</li> <li>Administration/management, general/other</li> <li>Other</li> </ol>
		<ul><li>15. Consultant</li><li>16. Other</li></ul>	

AN EXAMPLE: This person held a full-time faculty position as of January 10, 1999. In 1998 she held a part-time teaching position for part of the year, and was unemployed while looking for a job for part of the year. She graduated from her program at the end of 1997, and until then graduate study had been her primary activity since first entering graduate school.

Year	Name of Organization and branch, if any (write in)	Name of Department (write in)	State or Country Use state abbreviation Write in name of country	Full-time/ Part-time FT/PT	Employment Status Use code list (A)	Type of Organization	Type of Position  Use code list (C)	Primary Responsibility Use Code list (D)
<b>1999</b> Job 1	Michigan St. U.	Economics	MI	FT	1	9	3	2/1
<b>1998</b> Job 1			CA		2 <i>b</i>			
Job 2	CSU Los Angeles	Economics	CA	PT	1	10	2	2

ſ	Year	Name of	Name of	State or Country	Full-time/	Employment	Type of	Type of Position	Primary
		Organization	Department	Use state	Part-time	Status	Organization	Use code list (C)	Responsibility
		and branch, if	(write in)	abbreviation	FT/PT	Use code list (A)	Use code list (B)		Use Code list (D)
		any		Write in name of					
		(write in)		country					

Year	Name of Organization and branch, if any (write in)	Name of Department (write in)	Use state abbreviation Write in name of country	Full-time/ Part-time FT/PT	Employment Status Use code list (A)	Type of Organization Use code list (B)	Type of Position Use code list (C)	Primary Responsibility Use Code list (D)
Jan 10 1999 Job 1								
Job 2								
Job 3								
<b>1998</b> Job 1	☐ No change							
Job 2								
Job 3								
<b>1997</b> Job 1	☐ No change							
Job 2								
Job 3								
<b>1996</b> Job 1	☐ No change							
Job 2								
Job 3								
<b>1995</b> Job 1	☐ No change							
Job 2								
Job 3								

Year	Name of Organization and branch, if any (write in)	Name of Department (write in)	State or Country Use state abbreviation Write in name of country	Full-time/ Part-time FT/PT	Employment Status Use code list (A)	Type of Organization Use code list (B)	Type of Position Use code list (C)	Primary Responsibility Use Code list (D)
<b>1994</b> Job 1	☐ No change							
Job 2								
Job 3								
<b>1993</b> Job 1	☐ No change							
Job 2								
Job 3								
<b>1992</b> Job 1	☐ No change							
Job 2								
Job 3								

Year	Name of Organization and branch, if any (write in)	Name of Department (write in)	State or Country Use state abbreviation Write in name of country	Full-time/ Part-time FT/PT	Employment Status Use code list (A)	Type of Organization Use code list (B)	Type of Position Use code list (C)	Primary Responsibility Use Code list (D)
<b>1991</b> Job 1	☐ No change							
Job 2								
Job 3								
<b>1990</b> Job 1	☐ No change							
Job 2								
Job 3								
<b>1989</b> Job 1	☐ No change							
Job 2								_
Job 3								

### **Professional Accomplishments Since Graduate School**

Please include in this section activities that were <u>completed</u> after graduate school. Do not include activities that you already reported earlier as graduate school accomplishments.

2.2	What postdoctoral fellowships have you been awarded?	If you did not receive a postdoctoral fellowship,
	mark here $\Box$ and go to the next question.	

	Name of Postdoctoral Fellowship Awarded	Did you accept this award?		
		Yes	No	
1.				
2.				
3.				
4.				

2.3 How many papers have you presented since graduate scho	2.3	.3 How m	any papers hav	e you presented	since graduate scho	ol?
--	-----	----------	----------------	-----------------	---------------------	-----

	Number of Papers Presented
National meetings	
International meetings	

# 2.4 How many of the following publications have you produced since graduate school? (Include publications in press.)

	Primary Author (Number)	Other Co-Author (Number)
Refereed journal articles		
Non-refereed articles (i.e., newspaper and magazine articles, book reviews)		
Book chapters/edited books		
Books published		

### 2.5 How many patents have you been involved in applying for since graduate school? (Number)\_\_\_\_\_

# 2.6 What grants/contracts have you been awarded as Principal Investigator? If you have not received a grant as PI, mark here □ and go to the next question.

Type of Agency	Number of Grants or Contracts	Total Amount (Including Overhead)
Federal government		
State government		
Local government		
Foundation		
Business/industry		
Employing organization		

### 2.7 What teaching activities have you undertaken since graduate school?

2.8

2.9

1.	_	T 1. (): IZ 10					
3.	_	Taught course(s) in K-12	11.		Participated in curriculum development		
4.	J	Taught undergraduate course(s)	12.		Mentored/tutored elementary students		
_	1	Taught graduate course(s)	13.		Mentored/tutored junior/senior high students		
5 🗆	)	Developed new course(s)	14.		Mentored undergraduates		
J. $\Box$	]	Taught interdisciplinary course(s)	15.		Mentored graduate students		
6. $\Box$	]	Team taught course(s)	16.		Member of master's thesis committee		
7.	1	Taught distance education course(s), including Internet	17.		Chair of master's thesis committee		
8.	)	Taught course(s) on-site in business/industry	18.		Member of dissertation committee		
9.	)	Taught course(s) on-site in other non- academic settings	19.		Chair of dissertation committee		
10.	Used computers for instruction 20. Used computers for instruction 20. Other (please specify)						
	П		ervice				
		S	ervice				
			ewer				
2.		Manuscript/chapter reviewer	ewer				
2.   3.		Manuscript/chapter reviewer Departmental committee					
2. 3. 4.		Manuscript/chapter reviewer Departmental committee Institutional/company-wide committee					
2. 3. 4. 5.		Manuscript/chapter reviewer Departmental committee Institutional/company-wide committee Professional organization committee	;				
2. 3. 4. 5. 6.		Manuscript/chapter reviewer Departmental committee Institutional/company-wide committee Professional organization committee Local community/government committ	;				
2. 3. 4. 5. 6. 7.		Manuscript/chapter reviewer Departmental committee Institutional/company-wide committee Professional organization committee Local community/government committ State-level committee/panel	;				
2. 3. 4. 5. 6. 7. 8.		Manuscript/chapter reviewer Departmental committee Institutional/company-wide committee Professional organization committee Local community/government committ State-level committee/panel National committee/panel	ee/panel		fication team		
2. 3. 4. 5. 6. 7. 8. 9.		Manuscript/chapter reviewer Departmental committee Institutional/company-wide committee Professional organization committee Local community/government committ State-level committee/panel National committee/panel Off-campus peer review panel, accredi	ee/panel tation an	ıd certi	ification team		
2. 3. 4. 5. 6. 7. 8. 9. 10.		Manuscript/chapter reviewer Departmental committee Institutional/company-wide committee Professional organization committee Local community/government committ State-level committee/panel National committee/panel	ee/panel tation an	ıd certi	fication team		

Please list any other professional accomplishments since graduate school that you wish to tell us about

# Section 3: Financial Support in Graduate School

Mark a	ll that are	al <del>v</del>				
	ll that app					
Gradua 1.	ate Assista	ntsnip esearch Assistantship				
2.		eaching Assistantship				
3.		dministrative Assistan	tshin			
٥.		anningual vo i issistan	usinp			
Emplo	yed					
4.		n Campus				
5.		f Campus				
6.	<b>1</b> .	17 Held Fellowsh	ip or Train	eeship		
		ellowships did you apark here 🗖 and go			dent? If you did not	apply for any fe
		Fellowship		varded?	Number	Number
		<u> </u>		Yes	of	of
			No	Accepted?	years	years
				Yes	available	held
1.				$\square \Rightarrow \square$		
2.				□ ⇒		
3.				□⇒		
4.						
5.						
6.						
Fellows		f the NSF Graduate  ⇒ Please go to			gram (including the	Minority Grad
	Yes	⇒ Continue w		. •		
When d	lid you fir	st hear of the NSF (	Graduate	Research Fellov	wship Program?	
Choose	one.					
	_	re I began undergradua	nte studies			
	_	e I was an undergradu:				
		ng my first year in grad		ol		
		0 , , ,		-		
	☐ Later	in my graduate progra	am			

3.5	How	did you learn about the NSF Graduate Research Fellowship program?
	Mark	a all that apply.
	1.	From other students
	2.	From the university administration (e.g., Graduate Division, Career Counseling Center, Financial
		Aid)
	3.	From my undergraduate adviser/program
	4. 5.	From my graduate faculty adviser/program From attendance at a conference
	5. 6.	By exploring the NSF Web site
	7.	From materials I received in the mail
	8.	Other (please specify)
3.6		you ever applied for an NSF Graduate Research Fellowship (including the Minority Graduate wship)?
		Yes $\Rightarrow$ Go to Question 3.8 No $\Rightarrow$ Continue with Question 3.7
		To — Continue with Question 5.7
3.7	Why	didn't you apply for a NSF Graduate Research Fellowship?
	Mark	a all that apply.
	1.	☐ I did not think I would have a chance of success
	2.	☐ I had too many graduate credits to apply
	3.	NSF does not offer fellowships in my field of study
	4.	Other fellowships offered higher stipends
	5.	I already had funding for my graduate studies
	6.	I am/was not a U.S. citizen
	7. 8.	I am/was not a permanent U.S. resident
	8. 9.	<ul> <li>☐ I did not know about it when I was a senior or first-year graduate student</li> <li>☐ Too much work to complete application process</li> </ul>
	9. 10.	Other (please specify)
	10.	- Other (pieuse speerly)
If you 19.	did n	ot apply for an NSF Graduate Research Fellowship, please go to Section 4 on page

The rest of the questions in this section are to be answered only by persons who applied for an NSF Graduate Research Fellowship, including the Minority Graduate Fellowship.

3.8	If you applied for an NSF fellowship as a <u>senior</u> , which of the following items were important in your decision to apply? If you did <u>not</u> apply as a senior, mark $\Box$ here and go to Question 3.9.							
	Mark all that apply.							
	1.	Encouraged Encouraged Encouraged Encouraged My instituti	by graduate department I wanted to attend on ran a workshop on how to apply on NSF Web-site m materials					
3.9	If you app important	lied for an NS	SF fellowship as a <u>first-year graduate st</u> tion to apply? If you did <u>not</u> apply as a fi					
	Mark all that apply.							
	1.	Encouraged	by graduate adviser					
	2. Encouraged by graduate department							
	3.	_	by peers/fellow students					
	4.	Encouraged	•					
	5.	•	on ran a workshop on how to apply					
	6.		on NSF Web-site					
	7.	NSF program						
	8. <b>-</b> 9. <b>-</b>		onorable Mention in previous application					
	9. <b>1</b> 0. <b>1</b>	Other (plea	her encouragement in previous application se specify)					
3.10	Were you	awarded an l	NSF Graduate Research Fellowship?					
	Choose one.							
	_	Please go to Section 4 page 19						
	_		nwarded an NSF fellowship led a fellowship on my first application		Continue with Question 3.11			
	Yes, I was awarded a fellowship on my second application $\Rightarrow$ Continue with Question 3.11							
3.11	Did you a	Did you accept the NSF Graduate Research Fellowship?						
	Choose or	ie.						
	☐ Ye		Go to Question 3.13					
			Continue with Question 3.12					
	_ '''		22					

3.12	Why did you not accept the NSF Graduate Research Fellowship?  Mark all that apply.							
	1. 2.	I received another financial award that offered a higher stipend I received another financial award that offered better non-stipend support (i.e., expenses for research or travel)						
	3. 4.	I decided not to pursue my graduate studies at that time  Other (please specify)						
Now	go to S	ection 4 page 19.						
_		3 through 3.16 are for individuals who have held NSF Graduate Research Fellowships ority Graduate Fellowships.	<u> </u>					
3.13	What were the advantages of having an NSF Graduate Research Fellowship?							
	Mark all that apply.							
	1. 2. 3. 4. 5. 6. 7. 8. 9.	Full-time study allowed for a quicker start in program Will/did shorten my time to degree completion Reputation among faculty as a good student Perception by peers as being a good student Better opportunity to choose research projects I was an asset to faculty to work on their projects because I had my own funding Having it on my CV helped/will help in job search Financial support (stipend) Tuition assistance (cost of education allowance) Other (please specify)						
3.14	What	were the disadvantages to holding an NSF Graduate Research Fellowship?						
	Mark 1. 2. 3. 4. 5. 6. 7. 8.	No office space provided by department Less opportunity to work with faculty on their research projects (RA) Less opportunity to work collaboratively with other students Less opportunity to teach (TA) Isolated from other students in program Could not live on stipend alone Support only lasted 3 years Other (please specify)						
3.15	Did your institution offer you financial support after your fellowship ended?							
	Choo	Choose one.						
		Yes No Not applicable, did not need additional aid						

3.16	In your field, are there fellowships or other sources of student support that are more desirable than the
	NSF Graduate Research Fellowship. If so, why?

	Fellowship or Other Source	Larger	Longer	More	
	(please write in)	Stipend	Duration	Prestige	Other-please specify:
1.					
2.					
3.					

Sec	tion 4:	Den	nographi	cs					
			<del></del>						
4.1	Are you								
		Fem							
		Mal	e						
4.2	What is	vour (	date of birth?	1					
	***************************************								
	Mon	ıth	Day	Year	-				
4.3	Ethnicit	ty.							
	Choose	one.							
			panic or Latino	)					
	ā								
4.4	Race.								
	Choose	one or	more.						
	<u> </u>								
		Asian							
		Black or African American							
		Native Hawaiian or Other Pacific Islander							
	U	Whi	ite						
4.5	Citizenship when I began my REFERENCE PROGRAM.								
	Choose	one.							
			manent Resider						
		Oth	er non-U.S. Ci	tizen (tempora	ary resident)				
4.6	Disabili	ity stat	tus.						
	Choose	one or	more.						
			ring Imp airme						
			ual Impairment						
			bility/Orthoped						
				cify)					
		Non	ne						
	Check her	re if vo	ou do not wisł	to provide a	ny or all of the	e above info	rmation.		

<sup>\*</sup> The term "national of the United States" designates a citizen of the United States or a native resident of a possession of the United States, such as American Samoa. It does not refer to a citizen of another country who has applied for United States Citizenship.

## **Section 5: Final Reflections**

5.1 We would like to hear about any aspects of your graduate school experience not raised in the survey that have had a major influence on your career choices and accomplishments. Please use this space to describe.

## Thank You for Completing This Survey

### Please return this questionnaire in the envelope provided.

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