Appendix C

Outcome Indicator Data Collection Form

OMB # 3145-XXXX Exp: XX-XXXX

Instructions for Completing the Outcome Indicator Data Collection Form

Quantitative Evaluation of the ADVANCE Program

The *Outcome Indicator Data Collection Form* is designed to obtain consistent, comprehensive institutional data for two time periods: 2001 and 2008. We ask that you complete the form for both time periods for all science, technology, engineering and mathematics (STEM) faculty at your institution <u>and</u> for specific targeted units/departments <u>as requested</u>. To facilitate completion of this form, we offer the following clarifications of terms:

Under "Women of color" and "Men of color" please include the following groups: African Americans, American Indians/Native Americans, Asian and Pacific Islanders, and Hispanics/Latinos. If your institution's definition differs from this one, please indicate this on the form and say how it differs.

Eligible for review—the faculty member is eligible to be considered for tenure.

Center Director or Lab Director--persons holding often prestigious positions as heads of major research centers or research laboratories at your institution, not those performing primarily managerial or administrative functions.

Start-up--earmarked funds/resources provided to new faculty members as part of a package usually focused on supporting their research activities.

Release time- an allotted time period during which faculty members are explicitly released from a defined portion of their normal teaching and/or service duties and obligations to enable focusing on research-related activities.

Protected time—an allotted time period during which faculty members are permitted to focus primarily on their research (similar to release time).

Recognizing that institutions may still vary widely in their definitions for these data items, we are more than willing to work with you on a one-to-one basis to clarify additional questions or provide whatever additional help you may require in completing this form. Please contact Eden Segal at 240-314-7583 or edensegal@westat.com for further assistance.

Pursuant to 5 CFR 1320.5(b), an agency may not conduct or sponsor, and a person is not required to respond to an information collection unless it displays a valid OMB control number. The OMB control number for this collection is 3145-0000. Public reporting burden for this collection of information is estimated to average 90 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, Information Dissemination Branch, Division of Administrative Services, National Science Foundation, Arlington, VA 22230.

OUTCOME INDICATOR COLLECTION FORM

		Assistant				Associate				Full			
INSTITUTION	DEPARTMENT YEAR	Women	Women of Color	Men	Men of Color	Women	Women of Color	Men	Men of Color	Women	Women of Color	Men	Men of Color
	Applicants for positions	0	0	0	0	0	0	0	0	0	0	0	0
Tenure Track	Interviews	0	0	0	0	0	0	0	0	0	0	0	0
Faculty	Applicants offered												
Recruitment	positions	0	0	0	0	0	0	0	0	0	0	0	0
	New faculty hired	0	0	0	0	0	0	0	0	0	0	0	0
	0 to 2	0	0	0	0	0	0	0	0	0	0	0	0
	3 to 5	0	0	0	0	0	0	0	0	0	0	0	0
Retention by Years in	6 to 8	0	0	0	0	0	0	0	0	0	0	0	0
Rank	9 to 11	0	0	0	0	0	0	0	0	0	0	0	0
	12 to 14	0	0	0	0	0	0	0	0	0	0	0	0
	15 or more	0	0	0	0	0	0	0	0	0	0	0	0
	Eligible for review	0	0	0	0	0	0	0	0	0	0	0	0
Tenure	Reviewed	0	0	0	0	0	0	0	0	0	0	0	0
Review	Offered tenure	0	0	0	0	0	0	0	0	0	0	0	0
	Denied tenure	0	0	0	0	0	0	0	0	0	0	0	0
Promotion	Eligible for review	0	0	0	0	0	0	0	0	0	0	0	0
Review-rank	Reviewed	0	0	0	0	0	0	0	0	0	0	0	0
before	Promoted	0	0	0	0	0	0	0	0	0	0	0	0
review	Denied promotion	0	0	0	0	0	0	0	0	0	0	0	0
Faculty in	Promotion & Tenure Committee	0	0	0	0	0	0	0	0	0	0	0	0
Department/ Unit	Endowed/Named Chair	0	0	0	0	0	0	0	0	0	0	0	0
Leadership	Department Chair	0	0	0	0	0	0	0	0	0	0	0	0
Roles	Lab Director	0	0	0	0	0	0	0	0	0	0	0	0
	Center Director	0	0	0	0	0	0	0	0	0	0	0	0
Salary and	9-month salary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Professional	Summer salary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Benefits	Start up	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(Including	Release time												
Start Up)	Protected time												

Appendix D

Westat Cover Letter and the Fellows Survey

1600 Research Boulevard Rockville, MD 20850-3129

tel: 301-251-1500 fax: 301-294-2040 www.westat.com

MONTH DAY, 2010

NAME TITLE/DEPARTMENT INSTITUTION ADDRESS CITY STATE ZIP

Dear Dr. LAST NAME:

NSF has contracted with Westat to conduct an outcome evaluation of the Fellows and Institutional Transformation (IT) components of the ADVANCE program. The enclosed survey asks about your experiences and outcomes prior to, during, and since the end of your ADVANCE Fellows award. Your answers to these questions are essential to NSF's ability to assess whether and how the Fellows awards achieved their intended goals. One part of the evaluation is a quasi-experimental design that compares the outcomes for ADVANCE Fellows with those for a similar set of respondents to the 2008 Survey of Doctorate Recipients. These comparison questions, contained in Section E of the survey, ask you to respond on the basis of your personal and employment status on October 1, 2008.

It will be helpful to have the following documents in hand before filling out the survey: a) a copy of your most recent curriculum vitae and/or biosketch; b) a copy of your Federal income tax return for 2008; and c) if applicable, any journal you may keep recording research activities. We ask that you return the completed survey to us, along with a copy of your current curriculum vitae, in the enclosed self-addressed stamped envelope by [INSERT DATE]. We want to emphasize that your responses to the survey will be kept strictly confidential. Only designated Westat project staff members who have signed a pledge of confidentiality will have access to the data, which will be stripped of all personal identifiers and maintained with utmost security in a locked filing cabinet (if hard copy) and on a password-protected server (if electronic). We will report findings in the aggregate, in a manner that cannot be linked to individual respondents. While we very much hope that you will respond to this important survey, you will suffer no consequences from non-participation.

As noted above, your timely responses are vital to NSF's ability to evaluate the outcomes of the Fellows awards. We are happy to provide any assistance you may need in answering the survey. Should you have any questions about the evaluation or this survey, please do not hesitate to contact me at 301-294-3936 or susanberkowitz@westat.com. We look forward to receiving your responses.

Sincerely,

Susan G. Berkowitz, Ph.D.
Project Director
Quantitative Evaluation of the ADVANCE Program

Fellows Survey

Purpose of Survey

As part of a study of NSF's ADVANCE program, Westat, a social science research firm in Rockville, Maryland, is contacting recipients of ADVANCE Fellows awards. We request that you complete the attached survey, which asks about your experiences as a Fellow and how having received the grant has helped you or not in progressing towards your career goals. Please be assured that we respect your privacy and will keep individual responses confidential and secure. Although Westat staff will be able to identify your responses, evaluation results will be reported in the aggregate and include no individual identifying information.

It should take you approximately 50 minutes to complete this survey.

If you have any questions about the purpose of this survey, the items, or how the data will be used, please contact the Project Director, Dr. Susan Berkowitz, at 301-294-3936 or susanberkowitz@westat.com.

Pursuant to 5 CFR 1320.5(b), an agency may not conduct or sponsor, and a person is not required to respond to an information collection unless it displays a valid OMB control number. The OMB control number for this collection is 3145-0000. Public reporting burden for this collection of information is estimated to average 50 minutes 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, Information Dissemination Branch, Division of Administrative Services, National Science Foundation, Arlington, VA 22230.

OMB # 3145-XXXX Exp: XX-XXXX

Section A: Personal Information

Please confirm the start and end dates of your ADVANCE Fellowship period, the institution(s) at which it was carried out, and the year you received your doctorate.

A1.	Start date of ADVANCE Fellowship: (prefill start date)						
A2.	End date of ADVANCE Fellowship, including no-cost extensions: (prefill end date)						
A3.	Name of institution(s) at which the ADVANCE Fellowship was carried out: (prefill institution(s))						
A4.	Year you received your doctorate: (prefill Ph.D. year)						
A5.	What is your racial background? (Circle one or more.)						
	a. American Indian or Alaska Native 1 b. Native Hawaiian or other Pacific Islander 2 c. Asian 3 d. Black or African American 4 e. White 5						
A6.	Are you Hispanic or Latina/o?						
	a. Yes						
A7.	What is your birth date?						
	Month Day Year						
	19						
A8.	Are you currently married or in a long-term committed relationship?						
	a. Yes						

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Section B. At the Time You Applied for the ADVANCE Fellowship

The questions in this section ask about your professional and personal circumstances at the time you applied for the ADVANCE Fellowship.

B1. At the time you applied for the ADVANCE Fellowship, what was your employment status? Were you employed in a... (*Circle only one.*)

	Fu	l time		
	a.	Full-time tenure-track faculty appointment	1	
	b.	Full-time non-tenure-track faculty appointment	2	
	c.	Full-time non-tenure-track term-limited faculty appointment	3	
	d.	Full-time academic administrative appointment	4	
	e.	Full-time research appointment (including postdoctoral position)	5	
	f.	Full-time position in industry	6	
	g.	Full-time position in government	7	
	h.	Full-time position in the non-profit sector	8	
	i.	Full-time other (specify)	9	
	Pa	rt time		
	j	Part-time tenure-track faculty appointment	10	
	k.	Part-time non-tenure-track faculty appointment	11	
	l.	Part-time non-tenure-track term-limited faculty appointment	12	
	m.	Part-time academic administrative appointment		
	n.	Part-time research appointment (including postdoctoral position)	14	
	0.	Part-time position in industry	15	
	p.	Part-time position in government	16	
	q.	Part-time position in the non-profit sector	17	
	r.	Part-time other (specify)	18	
	Ot	1er (specify)	19	
	s.	Unemployed (For how long? months)	20	
B2.	We	re you married or in a long-term committed relationship at the time of a	plio	cation?
		Yes		
	b.	No	2	GO TO QB7
B3.	Wh	at was your spouse or partner's highest degree at the time of application	?	
		No diploma or degree		
	b.	High school diploma/GED		
	C.	Bachelor's degree		
	d	Master's degree		
	e.	Doctoral degree		
	f.	Other professional degree (e.g., M.D., D.D.S., J.D.)	6	

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B4.	Was your spouse or partner employed at the time you applied for the	e Fellov	vship?		
	a. Yesb. No			TO QE	3 7
B5.	Was your spouse or partner working in a STEM* field?				
	a. Yesb. No* *STEM=Science, Technology, Engineering, and Mathematics				
В6.	Was your spouse or partner working in academia?				
	a. Yesb. No				
B7.	In the two-year period before you applied for the ADVANCE Fe applied for a job in a STEM field?	llowshi	p award	l, had yo	ou
	a. Yesb. No			TO QE	313
В8.	For each of the following types of positions, please use the checkbo applications you submitted. <i>If you did not submit an application, please</i>			ne numb	er of
	Type of position	Nui 0	nber of 1–2	applicat 3–4	tions 5+
a.	Tenure-track faculty appointment				
b.	Non-tenure-track faculty appointment				
c.	Non-tenure-track term-limited faculty appointment				
d.	Academic administrative appointment				
e.	Research appointment (including postdoctoral position)				
f.	Position in industry				
g.	Position in government				
h.	Position in the non-profit sector				
i.	Other (specify)				
Fel	estat Internal Use	staff:			

B9.	For any of the positions referred to in question B8 , did you receive any offer down?	rs that you turned
	a. Yesb. No	
B10.	How many total offers in a STEM field did you turn down? (Circle only on	ne.)
	a. One or twob. Three or fourc. Five or more	1 2 3
B11.	Which type(s) of positions did you turn down? (Circle all that apply.)	
	a. Tenure-track faculty appointment b. Non-tenure-track faculty appointment c. Non-tenure-track term-limited faculty appointment d. Academic administrative appointment e. Research appointment (including postdoctoral position) f. Position in industry g. Position in government h. Position in the non-profit sector i. Other (specify)	2 3 4 5 6 7
B12.	b. Position was temporaryc. Position was not tenure track	1 2 3
	d. Geographic location	5 6 7

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B13. Please indicate the extent to which the following circumstances were affecting your career advancement at the **time you applied for the ADVANCE Fellowship**. (*Circle one for each row.*)

	Circumstance	Not at all	Somewhat	To a great extent
Pe	rsonal circumstances			
a.	Caregiving for child(ren)	1	2	3
b.	Caregiving for other family member(s)		: :	3
c.	Spouse or partner's career		:	3
d.	Health		:	3
e.	Other personal (specify)		2	3
Pro	ofessional circumstances			
f.	Unemployment	1	2	3
g.	Job search difficulties	1	2	3
h.	Working outside area of research interest	1	2	3
i.	Limited research opportunities		:	3
j.	Equipment-related issues		:	3
k.	Computer-related issues		: :	3
l.	Lab space-related issues.		:	3
m.	Lack of time to do research.			3
n.	Lack of funds to hire research assistants		:	3
о.	Lack of funds to travel for research-related purposes	1	····· 2	3
p.	Lack of opportunities to collaborate			3
q.	Lack of ability to independently pursue grants/ serve as a PI			3
r.	Lack of mentoring support			3
s.	Teaching-related issues (heavy teaching load, not able to teach desired courses)			3
t.	Advising commitments		:	3
u.	Service-related issues (e.g., heavy committee service obligations)			3
v.	Limited opportunities for advancement		:	3
w.		1	:	3
х.	Other professional (specify)		2	3

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B14.	At the time you applied for the ADVANCE Fellowship, what was yo	our primary	long-term
	employment goal? (Circle only one.)		

a.	To obtain a tenure-track faculty position in a STEM field	1
b.	To obtain a non-tenure-track faculty position in a STEM field	2
c.	To obtain a research appointment in a STEM field	3
d.	To obtain a position in industry in a STEM field	4
e.	To obtain a position in government in a STEM field	5
f.	To obtain a position in the non-profit sector in a STEM field	6
g.	Other (specify)	7

B15. Indicate the extent to which you had each of the following professional and personal goals at the time you applied for the ADVANCE Fellowship. (*Circle one for each row.*)

	Goal	Not at all	Somewhat	To a great extent
Re	search related			
a.	Extend the line of research you were conducting	1	2	3
b.	Restart a previous research program	1	2	3
c.	Pursue a new line or area of research			
d.	Pursue a multi-disciplinary research program	1	2	3
	Other research related (specify)		2	. 3
Te	aching related			
f.	Teach/advise graduate students	1	2	3
g.	Teach/advise undergraduate students			
h.	Teach advanced courses in your field	-	:	
i.	Develop a new course or courses			
j.	Other teaching related (specify)		2	. 3
Pe	rsonal			
k.	Be able to live in the same place as spouse/ partner	1	2	3
1.	Secure satisfactory career for you	-	:	3
m.	Secure satisfactory career for your spouse/partner	1	2	3
n.	Secure a position that would support desired work/life balance	1	2	3
o.	Other personal (specify)		2	. 3

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Section C. During the ADVANCE Fellowship Period

These questions ask primarily about your activities and experiences during your ADVANCE Fellowship.

C1. Use the checkboxes to indicate the best description of the position(s) you held during the ADVANCE Fellowship for two points in time: 1) at the start, and 2) at the end of the ADVANCE Fellowship. (*Please provide one response for each point in time regardless of whether your position changed.*)

			Α	At the e	end of
Position	Start	of Fell	owship	Fe	llowship
Full time					
a. Full-time tenure-track faculty appointment	••••				
b. Full-time non-tenure-track faculty appointment					
c. Full-time non-tenure-track term-limited faculty appointment	••••				
d. Full-time research appointment (including postdoctoral position	1)				
e. Other full time (specify)					
Part time					
f. Part-time tenure-track faculty appointment					
g. Part-time non-tenure-track faculty appointment					
h. Part-time non-tenure-track term-limited faculty appointment	••••				
i. Part-time research appointment (including postdoctoral position	1)				
j. Other part time (specify)					
C2. During the period in which you held your ADVANCE Fellows percentage of time you spent on the following professional acti Research	vitie	s durin	g a typic		
Suici (e.g., davising) (specify)			-	100	(

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23.	Did	you use your ADVANCE ancillary funds* to do any of the following? (C	Sircle all that apply.)
	a.	Purchase research equipment and supplies	1
	b.	Hire research assistants	2
	c.	Travel to conduct research off site (e.g., field work, at other labs)	3
	d.	Travel to meet with research collaborators (e.g., write joint proposals, papers, share and discuss findings)	4
	e.	Attend STEM conferences	5
	f.	Attend professional development events	6
	g.	Subsidize child care costs	7
	h.	Reimburse publication costs	8

Other (specify) 9

C4. Please indicate the extent to which you participated in each of the following activities during the period of the ADVANCE Fellowship. (*Circle one for each row.*)

	Activity	Not at all	Somewhat	To a great extent
a.	Collaborated with other STEM researchers	1	2	3
b.	Mentored someone	1	2	3
c.	Served on a departmental committee	1	2	3
d.	Served on a college/university committee	1	2	3
e.	Served on the editorial board of a STEM professional journal	1	2	3
f.	Served as a reviewer for a STEM professional journal	1	2	3
g.	Served as a grant reviewer	1	2	3
h.	Served in a formal role (e.g., as an officer) in a STEM professional association	1	2	3
i.	Provided local community service of any sort	1	2	3
j	Other (specify)		2	3

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^{*}Ancillary funds are those you were able to use in discretionary fashion according to program rules, excluding fringe benefits.

C5. Please indicate your level of satisfaction with each of the following during the ADVANCE Fellowship period. (*Circle one for each row.*)

		Very unsatisfied	Un- satisfied	Neither satisfied nor unsatisfied	Satisfied	Very Satisfied	Not applicable
Eq	uipment/space						
a.	Equipment	1	2	3	4	5	NA
b.	Computer resources	1	2	3	4	5	NA
c.	Lab space	1	2	3	4	5	NA
d.	Other equipment/space (specify)	1	2	3	4	5	
Re	search related						
e.	Time to do research	1	2	3	4	5	NA
f.	Access to graduate research assistants	1	2	3	4	5	NA
g.	Access to undergraduate research assistants	1	2	3	4	5	NA
h.	Departmental start-up funds	1	2	3	4	5	NA
i.	Departmental travel funds	1	2	3	4	5	NA
j.	Opportunities to pursue grants/serve as a PI	1	2	3	4	5	NA
k.	Other research related (specify)	1	2	3	4	5	
Te	aching related						
l.	Course load	1	2	3	4	5	NA
m.	Teaching assignments	1	2	3	4	5	NA
n.	Other teaching related (specify)	1	2	3	4	5	
Μe	entoring						
о.	Mentoring from peers in your department	1	2	3	4	5	NA
p.	Mentoring from senior faculty in your department	1	2	3	4	5	NA
q.	Mentoring from senior faculty outside your department but within your institution	1	2	3	4	5	NA
r.	Mentoring from senior faculty outside your institution	1	2	3	4	5	NA
s.	Other mentoring (specify)	1	2	3	4	5	

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C5. Please indicate your level of satisfaction with each of the following during the ADVANCE Fellowship period. (*Circle one for each row.*)——*Continued*

		Very unsatisfied	Un- satisfied	Neither satisfied nor unsatisfied	Satisfied	Very Satisfied	Not applicable
development							
	ities to collaborate s in your department	1	2	3	4	5	NA
	ities to collaborate or faculty in your nt	1	2	3	4	5	NA
with senio	ities to collaborate or faculty outside your nt but within your 1	1	2	3	4	5	NA
	ities to collaborate or faculty outside your 1	1	2	3	4	5	NA
y. Opportun	ities for networking	1	2	3	4	5	NA
	oortunities for ion/professional ent	1	2	3	4	5	
Other							
	departmental and nal policies and es	1	2	3	4	5	NA
bb. Other (sp	ecify)	1	2	3	4	5	

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C6. Please indicate how each of the following affected your ability to reach your desired goals during the ADVANCE Fellowship period. (*Circle one for each row*.)

	Impeded consider- ably	Impeded somewhat	Neither impeded nor facilitated	Facilitated somewhat		Not applicable
a. Department or institute's receptivity to you	1	2	3	4	5	NA
b. Climate/culture of the department					5	NA
c. Climate/culture of the institution					5	NA
d. Alignment of your career goals with the goals of the department/institution	1	2	3	4	5	NA
e. Fit between your research and broader departmental research agenda	1	2	3	4	5	NA
f. Career advice from department chair					5	NA
g. Career advice from colleagues	1	<u>2</u>	3	4	5	NA
h. Hiring policies of institution	1	<u>2</u>	3	4	5	NA
i. Hiring freeze at institution		:	:	:	5	NA
j. Being the recipient of an ADVANCE Fellowship	1	2	3	4	5	NA
k. Other (specify)	1	2	3	4	5	

C7. At the end of your ADVANCE Fellowship, what was your primary long-term employment goal? *(Circle only one.)*

a.	To obtain a tenure-track faculty position in a STEM field	1
b.	To obtain a non-tenure-track faculty position in a STEM field	2
c.	To obtain a research appointment in a STEM field	3
d.	To obtain a position in industry in a STEM field	4
e.	To obtain a position in government in a STEM field	5
f.	To obtain a position in the non-profit sector in a STEM field	6
g.	Other (specify)	7

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Fellowship recipient:	Date received:
Alphanumeric identifier:	Completed by Westat staff:

C8. Please use the checkboxes to indicate the numbers of the following professional activities and accomplishments in which you engaged during two time periods: 1) the period in which you held the ADVANCE Fellowship, and 2) the three-year period after completion of your Fellowship.

					During Fellowship				3 year period after Fellowship								
Activity/accomplishment				1		2	3–4	5	6	7+	0	1		2	3–4	5–6	7+
Research publications																	
a. Number of STEM research articles in refereed journals for which you are an																	
author			<u>.</u>														
 Number of papers in STEM conference proceedings for which you are sole or a co-author 	e I				1								Г	7			
c. Number of book chapters for which				<u></u>	Ji. 1			L					L				
you are an author d. Number of books for which you are ar	l			<u></u>]								L				
author or editor			-					L					L			Ш	<u>Ш</u>
Funding			<u>.</u>				<u>:</u> : :					<u>.</u>			<u>.</u>		<u> </u>
e. Number of proposals submitted for funding																	
f. Number of proposals funded/awarded					1		П	Γ			Ш		Γ				
Presentations																	
g. Number presentations at a STEM research conference]												
h. Number of presentations to					1			Г									
government or community groups			.i	<u></u>	Jļ.			. .			<u> </u>		Ļ				<u> </u>
i. Number of other presentations (specify)																	
Teaching																	
j. Number of distinct graduate-level STEM courses you taught]			Γ					Γ				
k. Number of distinct graduate-level STEM courses you taught that you had	d		T														
not taught before your Fellowship																	
l. Number of distinct undergraduate STEM courses you taught]				\neg				Γ				
Patents					1												
m. Number U.S. of patents for which you applied]			Γ					Г				
n. Number of U.S. patents for which you were named as an inventor			+-		1			Γ					Г				
were nameu as an inventor			1		l i			<u>:</u> L			Ш		: L				لللة

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C8. Please use the checkboxes to indicate the numbers of the following professional activities and accomplishments in which you engaged during two time periods: 1) The period in which you held the ADVANCE Fellowship, and 2) the three-year period after completion of your Fellowship.—

Continued

				During Fellowship							3-year period after Fellowship					
Activity/accomplishment		0		1	2	3–4	5–6	7+	0	1	2	3–4	5–6	7+		
M	entoring															
0.	Number of graduate students you mentored who earned their master's or doctorate degrees															
p.	Number of postdoctoral researchers mentored															
q.	Number of undergraduate researchers mentored															
Co	ommittees															
r.	Number of positions on departmental committees															
s.	Number of positions on university committees															
Ot	her awards/accomplishments															
t.	(specify)															

C9. Please provide the following information for all research awards for which you played or currently play a lead role (e.g., were/are the PI or co-PI or equivalent) **starting in the year in which you received your ADVANCE Fellowship through the present.**

Funding source	Research topic	Role in project	Start date (month/year)	Duration	Amount of funding
a.					
b.					
c.					
d.					
e.					
f.					
g.					
h.					
i.					

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Section D. From the End of the ADVANCE Fellowship Until Today

This section asks about your personal and professional circumstances **from the end of your ADVANCE Fellowship through the present**, as well as your assessment of the influence of having been a Fellow on your subsequent career path and professional growth.

D1.	W	nat is your current employment status?		
	a.	Employed	1	
	b.	Not employed	2	GO TO OD6

D2. Which of the following best describes the type of position you currently hold as your principal job? (Choose only one type of position, indicating whether or not it is in a STEM field. If applicable, use the checkboxes to indicate whether or not you are tenured and as of when.)

		STEM	field?	Are you tenured?				
	Type of position	STEM	Non- STEM	Yes	No	If yes, what month/year?		
Fu	ll time							
a.	Full-time tenure-track faculty appointment	1	2					
b.	Full-time non-tenure-track faculty appointment	1	2					
c.	Full-time non-tenure-track term-limited faculty appointment	1	2					
d.	Full-time academic administrative appointment	1	2					
e.	Full-time research appointment (including postdoctoral position)	1	2					
f.	Full-time position in industry	1	2					
g.	Full-time position in government	1	2					
h.	Full-time position in the non-profit sector.	1	2					
i.	Full-time other (<i>specify</i>)7	1	2					
Pa	rt time							
j.	Part-time tenure-track faculty appointment	1	2					
k.	Part-time non-tenure-track faculty appointment	1	2					
1.	Part-time non-tenure-track term-limited faculty appointment							
m.	Part-time academic administrative appointment	1	2					
n.	Part-time research appointment (including postdoctoral position)	1	2					
о.	Part-time position in industry	1	2					
p.	Part-time position in government	1	2					
q.	Part-time position in the non-profit sector	1	2					
r.	Part-time other (specify)	1	2					

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b. c.	Please use the checkboxes to indicate the number of applicate following types of STEM positions since the end of your apply for a position, please mark 0. Type of position Tenure-track faculty appointment	0 	Number of a	ship. If yo	ou did no
a. b. c. d. e. f.	following types of STEM positions since the end of your apply for a position, please mark 0. Type of position Tenure-track faculty appointment	0 	Number of a	ship. If yo	ou did no
a. b. c. d.	following types of STEM positions since the end of your apply for a position, please mark 0. Type of position Tenure-track faculty appointment	0 	Number of a	ship. If yo	ou did no
a. b. c. d.	following types of STEM positions since the end of your apply for a position, please mark 0. Type of position Tenure-track faculty appointment Non-tenure-track faculty appointment	0 	Number of a	ship. If yo	ou did no
a. b. c. d.	following types of STEM positions since the end of your apply for a position, please mark 0. Type of position Tenure-track faculty appointment	0 	Number of a	ship. If yo	ou did no
a. b.	following types of STEM positions since the end of your apply for a position, please mark 0. Type of position Tenure-track faculty appointment	0 	Number of a	ship. If yo	ou did no
a. b.	following types of STEM positions since the end of your apply for a position, please mark 0. Type of position Tenure-track faculty appointment	0 	Number of a	ship. If yo	ou did no
a.	following types of STEM positions since the end of your apply for a position, please mark 0. Type of position Tenure-track faculty appointment	ADVANO	Number of a	ship. If yo	ou did no
a.	following types of STEM positions since the end of your apply for a position, please mark 0. Type of position Tenure-track faculty appointment	ADVANO	Number of a	ship. If yo	ou did no
	following types of STEM positions since the end of your apply for a position, please mark 0. Type of position	ADVANO	CE Fellows	ship. If yo	ou did no
D6.	following types of STEM positions since the end of your	ADVANO	CE Fellows	ship. If yo	ou did no
D6.	following types of STEM positions since the end of your				
D5.	Have you held your current position during the entire period Fellowship? a. Yes b. No.		1	ADVAN	CE
D4.	How long have you held your current position? (Circle only a. Less than one year b. One to three years c. Three to five years		2		
			9		
	h. Other academic rank (<i>specify</i>)i. My main job is not in academia				
	g. Lecturer				
	f. Instructor				
	e. Assistant Professor				
	d. Associate Professor				
	b. Not applicable: no ranks designated for my positionc. Professor				
	a. Not applicable: no ranks designated at this institution		1		

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D7.	For any of the positions referred to in question D6, did you receive any offers that you turned down?					
		Yes		GO TO QD11		
D8.	Но	w many total offers in a STEM field did you turn down? (Circle only on	e.)			
	a.	One or two	1			
	b.	Three or four	2			
	c.	Five or more				
D9.	W]	nich type(s) of positions did you turn down? (Circle all that apply.)				
	a.	Tenure-track faculty appointment	1			
		Non-tenure-track faculty appointment				
	c.	Non-tenure-track term-limited faculty appointment				
	d.	Academic administrative appointment				
	e.	Research appointment (including postdoctoral position)				
	f.	Position in industry				
	g.	Position in government				
		Position in the non-profit sector				
	i.	Other (specify)	9			
D10.	W]	nat were your reason(s) for not accepting the offer(s)? (Circle all that app	oly.)	r		
		Desiring and full time	1			
	a. L	Position was not full time	1			
		Position was temporary Position was not tenure track				
	C.					
	d.	Geographic location Position did not offer desired research opportunities				
	e. f.	Position did not offer desired teaching opportunities				
		Teaching load was too heavy				
	g. h	Position did not allow desired work/life balance				
	ii.	Position did not offer sufficient opportunity for advancement				
	ı, i		10			

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D11. Please indicate the extent to which the following circumstances have affected your STEM career advancement **since the end of your ADVANCE Fellowship.** (*Circle one for each row.*)

Circumstance	Not at all	Somewhat	To a great extent
Personal circumstances			
a. Caregiving for child(ren)	1	2	3
b. Caregiving for other family member(s)	11	2	3
c. Spouse or partner's career	1	2	3
d. Health	:	2	3
e. Other personal (specify)		2	3
Professional circumstances			
f. Unemployment		2	3
g. Job search difficulties			3
h. Working outside area of research interest	:	:	3
i. Limited research opportunities			3
j. Equipment-related issues			3
k. Computer-related issues			3
l. Lab space-related issues	:	:	3
m. Lack of time to do research		2	3
n. Lack of funds to hire research assistants		2	3
o. Lack of funds to travel for research-related purposes	1	2	3
p. Lack of opportunities to collaborate	:	:	3
q. Lack of ability to independently pursue grants/ serve as a PI	1	2	3
r. Lack of mentoring support			3
s. Teaching-related issues (heavy teaching load, not able to teach desired courses)			3
t. Advising commitments			3
u. Service-related issues (e.g., heavy committee service obligations)	1	2	3
v. Limited opportunities for advancement	1	2	3
w. Non-supportive work climate	1	2	3
x. Other professional (specify)		2	3

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D12. Indicate the extent to which you have been able to realize the following professional and personal goals **since the end of your ADVANCE Fellowship.** (*Circle one for each row.*)

	Goal	Not at all	Somewhat	To a great extent
Re	search related			
a.	Extend the line of research you were conducting at the time you applied for the ADVANCE Fellowship	1	2	3
b.	Restart a previous research program	1	2	3
c.	Pursue a new line or area of research	1		3
d.	Pursue a multi-disciplinary research program	1	2	3
e.	Other research related (specify)		2	3
Te	aching related			
f.	Teach/advise graduate students	1	2	3
g.	Teach/advise undergraduate students	1	2	3
h.	Teach advanced courses in your field			3
i.	Develop a new course or courses	1	2	3
j.	Other teaching related (specify)		2	3
Pe	rsonal			
k.	Be able to live in the same place as spouse/ partner	1	2	3
l.	Secure satisfactory career for yourself		2	3
m.	Secure satisfactory career for your spouse/partner	:	:	3
n.	Secure a position that would support desired work/life balance	1	2	3
o.	Other personal (specify)		2	3

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D13. Please indicate the extent to which the ADVANCE Fellowship has contributed to your overall professional growth in each of the following areas. (*Circle one for each row.*)

	Area of Professional Growth	Not at all	Somewhat	To a great extent
a.	Building an independent research program	1	····· 2	3
b.	Creating a strong collaborative network with fellow STEM researchers		2	3
c.	Recruiting graduate students	1	2	3
d.	Increasing your career satisfaction	1	2	3
e.	Allowing you to remain in academia	1	2	3
f.	Preparing you to obtain a tenure-track position	1	2	3
g.	Preparing you to be a more effective teacher	1	····· 2	3
h.	Helping you get research published			3
i.	Preparing you to assume leadership roles in professional associations	1	2	3
j.	Preparing you to assume departmental or institution-wide leadership roles	1	2	3
k.	Enhancing your professional reputation/visibility	1	····· 2	3
1.	Helping you succeed in your job	:	:	
		1	2	3
m.	Enabling you to serve as a role model/mentor	1	2	3
n.	Other (specify)			
			2	3

D14. Overall, depending on your responses to question D13, what are the top three areas that most contributed to your professional growth?

Area # 1: _				
_	•			

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Area # 2:	
Area # 3	
	any additional information you deem relevant to helping us understand the in CE Fellowship on your career.

Continue to next page.

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Section E. Questions for Comparison Purposes

Questions in this section of the survey refer to your status as of October 1, 2008. While we realize that this reference date is unusual, we need to ask the questions in this way to compare your responses as an ADVANCE Fellow to the 2008 data from NSF's biannual Survey of Doctorate Recipients (SDR).

E1.	Were you working for pay or profit during the week of October 1, 2008? (Working includes being self-employed, on a postdoctoral appointment, or on any type of paid or unpaid leave, including vacation. Circle your answer.)
	a. Yes
E2.	During what month and year did you start this job (that is, the principal job you held during the week of October 1, 2008)?
	PRINCIPAL JOB STARTED Year
E3.	As of the week of October 1, 2008, what was your <u>basic annual salary</u> on your principal job, before deductions?
	Do <u>not</u> include bonuses, overtime, or additional compensation for summertime teaching or research.
	<i>If you were not salaried as of that week</i> , estimate your earned income, excluding business expenses.
	\$.00
	ANNUAL SALARY OR EARNED INCOME
E4.	Was this salary for the job you held on October 1, 2008, based on a 52-week year or less than that? <i>Include paid vacation and sick leave.</i>
(N	a. 52-week year
E5.	During a typical week on your principal job, how many hours did you work?
	NUMBER OF HOURS WORKED PER WEEK
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E6. Which one of the following best describes your principal employer during the week of October 1, 2008? Were you... (Circle one answer.) SELF-EMPLOYED or a BUSINESS OWNER **PRIVATE SECTOR employee** In a <u>non-profit</u> organization (including tax-exempt and **GOVERNMENT** employee In the U.S. military service, active duty or Commissioned Corps **OTHER** type of employee Other (specify type of employer)_____ Was your principal employer an educational institution? E7. a. Yes...... 1 Was the educational institution where you worked a... (Circle one answer.) E8. k. Two-year college, community college, or technical institute...... 2 d. Medical school (including university-affiliated hospital or medical center) 4 e. University-affiliated research institute...... 5 f. Other (specify) 6

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E9.	During the week of October 1, 2008, what type of academic position(s) did you hold at this institution? (Circle all that apply.)
	a. President, Provost, or Chancellor (any level)
E10.	What was your faculty rank? (Circle one answer.)
a. b. c. d. e. f. g. h.	Not applicable: no ranks designated at this institution1Not applicable: no ranks designated for my position2Professor3Associate Professor4Assistant Professor5Instructor6Lecturer7Other (specify)8
E11.	What was your tenure status? (Circle one answer.) a. Not applicable: no tenure system at this institution
	When did you begin the tenure-track position you held on October 1, 2008? Month Year IF TENURED ON OCTOBER 1, 2008. GO TO QE13. IF NOT, GO TO QE16.
£13.	Month Year GO TO QE16

E14. What was the title of the principal job you held during the week of October 1, 2008?				eek of October 1, 2008?					
	Exam	ples: Lal	poratory	scienti	ist; higi	h schoo	ol physic	s teach	ner
E15.	What kind of work were you doing on this job—that is, what were your duties and responsibilities on your principal job? Please be as specific as possible, including any area of specialization. Examples: Supervising others in conducting bench research in microbiology; teaching AP physics to high school students								
Ve Soi Soi	Octoberry satisfi mewhat s mewhat o	r 1, 2008' edsatisfied dissatisfie	? (Circle	one ar	nswer.)				oal job you held during the week of
E17.	(Includ	e all wag	es, salar	ies, boi	nuses, c	overtim	e, comm	issions	come for 2007, <u>before</u> deductions?, consulting fees, net income from associated with scholarships).
	\$		EA	ARNED	,	AE		.00	
•			E	KNED	INCO	VIE.			
Fello	tat Interiowship rec		:					eceived: eted by	Westat staff:

E18.	As of the week of October 1, 2008, were you (Circle only one.)	
Liv Wi Sep Div	nrried	3 4 5
E19.	As of the week of October 1, 2008, did you have any children living with you family?	u as part of your
	a. Yesb. No	

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Section F. Closing

Thank you so much for completing the survey. We appreciate the time you have taken to respond.

F1. Please attach the most recent copy of your detailed **curriculum vitae** so that we may better understand your career experiences in the context of the ADVANCE Fellows program.

F2. Please provide your current email address and telephone number and indicate which is the best method of contact should we need to follow up to clarify responses. Once again, we wish to assure you that your responses and all materials you submit will be kept confidential and secure. Moreover, data will never be reported in a way that can be linked to you individually.

Email:

Telephone number:

Area code

Best method of contact:

Thank you, once again, for your help in answering this survey.

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