Attachment C

Draft 2015 SDR Questionnaire

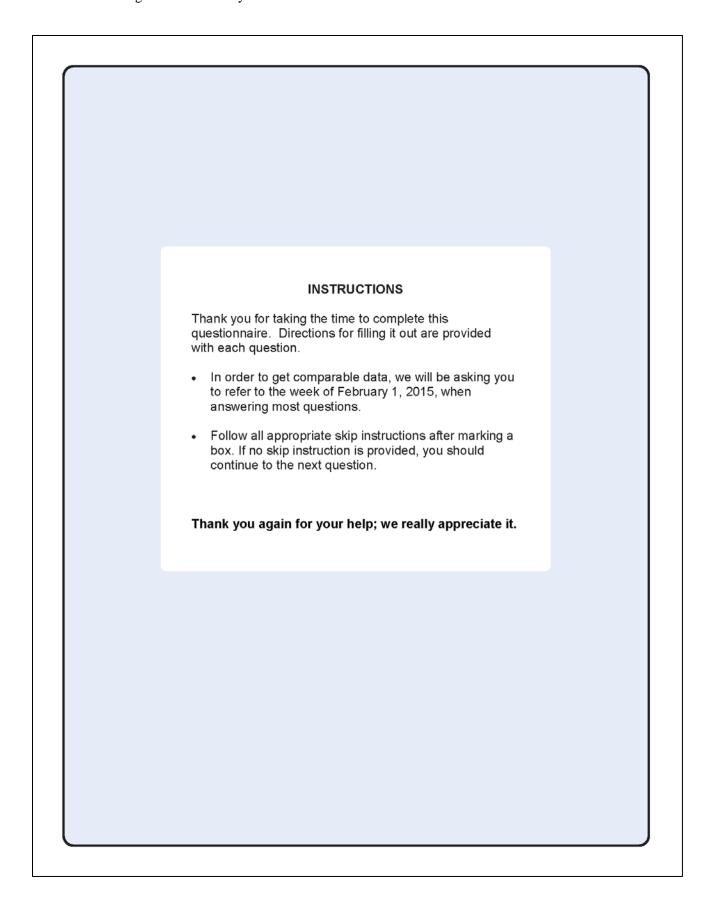
(With colored text to highlight changes from the 2013 survey cycle)

2015

Survey of Doctorate Recipients

Draft 12/01/2014

This version indicates changes from 2013 to 2015: New text/items for 2015 are in RED. Modified text/items from 2013 are in TEAL.



	Part A - Employment Situation	A5.	What was the title of the last job you held prior to the week of February 1, 2015?
			Example: Physics professor
A1.	Were you working for pay or profit during the week of February 1, 2015?		
	Working includes being self-employed and not getting paid that week, on a postdoctoral appointment, traveling while employed, or on any type of paid or unpaid leave, including vacation.	A6.	What kind of work were you doing on this last
	Use an X to mark your answer.		job – that is, what were your duties and responsibilities on your last job? Please be as specific as possible, including any area of
	□ Yes → Go to question A8		specialization.
	- 2□ No		Example: Taught physics and conducted research.
∀ A2.	(If No) Did you look for work during the four weeks preceding February 1, 2015? This would be between January 4 th and February 1 st .		Specialized in high energy physics.
	₁☐ Yes		
	2□ No		
A3.	What were your reasons for not working during the week of February 1, 2015?		
	Mark Yes or No for each item.		
	Yes No ↓ ↓ ↓ 1 Retired		
	Year retired If Yes →		
	2 On layoff from a job1 2	A7.	Using the JOB CATEGORY list on pages 16-17, choose the code that <u>best</u> describes the last job
	3 Student1 2		you held prior to the week of February 1, 2015.
	4 Family responsibilities		→ Go to page 8, question A42
	permanent disability1 2		CODE
	6 Suitable job not available1 2		
	7 Did not need or want to work		
	8 Other – Specify 7 1 2	A8.	Although you were working during the week of February 1, had you previously retired from any position?
A4.	Prior to the week of February 1, 2015, when did you last work for pay or profit?		Examples of retirement include mandatory retirement, early retirement, or voluntary retirement.
			Year retired
	Month Year		1 Yes →
			2 No

	Principal Employer	A11.	Counting all locations where this employer operates, how many people work for your principal employer? Your best estimate is fine.
A9.	Who was your principal employer during the week of February 1, 2015?		Mark one answer. 1 □ 10 or fewer employees
	If you had <u>more than one job</u> , report the one for which you worked the most hours that week.		2 11 - 24 employees 3 25 - 99 employees
	If your <u>employer had more than one location,</u> report the location that employed you.		4 ☐ 100 - 499 employees 5 ☐ 500 - 999 employees
	If you worked for a <u>contracting or consulting</u> <u>company</u> , report the name of that company, not the client organization.		6 1,000 - 4,999 employees 7 5,000 - 24,999 employees 8 25,000 or more employees
	Employer Name	A12.	Did your principal employer come into being as
	Department/Division		new business within the past 5 years?
	City/Town State/Territory	1□ Yes	
			2□ No
	ZIP Code	A13.	Which one of the following best describes your principal employer during the week of February 1, 2015? Were you
	What was that employer's <u>main business or</u> <u>industry</u> – that is, what did that employer make		Mark one answer.
A10			SELF-EMPLOYED or a BUSINESS OWNER 1 In a non-incorporated business, professional practice, or farm
	or do? If your principal employer had more than one type of		2☐ In an <u>incorporated</u> business, professional practice, or farm
	If your principal employer had <u>more than one type of business</u> , report the type of business primarily performed at the location where you worked.		PRIVATE SECTOR employee 3 In a for-profit company or organization
	Example: Production of microprocessor chips EMPLOYER'S MAIN BUSINESS		 In a <u>non-profit</u> organization (including tax-exempt and charitable organizations)
	EMPLOTER S MAIN BOSINESS		U.S. GOVERNMENT employee 5 ☐ In a local government in the U.S. (e.g., city, county, school district)
			In the <u>U.S. military</u> service, active duty or Commissioned Corps (e.g., USPHS, NOAA)
			□ In the <u>U.S. Federal Government</u> (e.g., civilian employee)
			OTHER type of employee 9 ☐ Other – Specify type of employer 7

		s your principal employer an educational	A17.	What was your faculty rank?
				Mark one answer.
Г		Yes		Not applicable: no ranks designated at this
	2	No → Go to page 4, question A19		institution 2 Not applicable: no ranks designated for my
				position
↓	45	., .,		₃ Professor
A15.		Yes) Was the educational institution where u worked a		Associate Professor
	111	irk one answer.		Assistant Professor Instructor
	IVIa	Go to		7 Lecturer
	1	Preschool, elementary, middle, page 4, or secondary school or system question		8☐ Other – Specify Z
	2	Two-year college, community college, or technical institute		
	3	Four-year college or university, other than a medical school		
	4	Medical school (including university-affiliated hospital or medical center)		
	5	University-affiliated research institute		
	6	Other – Specify 7		
A16.		ring the week of February 1, 2015, what type	a	Mark one answer. □ Not applicable: no tenure system at this institutio □ Not applicable: no tenure system for my position Year tenured
A16.	of a	academic position(s) did you hold at this stitution? ark Yes or No for each item. President, Provost, or Chancellor (any level)	No ↓	Not applicable: no tenure system at this institutio Not applicable: no tenure system for my position
A16.	of a ins Mad 1 2 3 4 5	academic position(s) did you hold at this stitution? **Trk Yes or No for each item.** President, Provost, or Chancellor (any level)	No ↓	Not applicable: no tenure system at this institutio Not applicable: no tenure system for my position Year tenured Tenured On tenure track but not tenured
A16.	of a ins Made 1 2 3 4 5 6	academic position(s) did you hold at this stitution? If k Yes or No for each item. President, Provost, or Chancellor (any level)	No →	Not applicable: no tenure system at this institutio Not applicable: no tenure system for my position Year tenured Tenured On tenure track but not tenured

	Principal Job	A23.	Was this job a "postdoc"? A "postdoc" is a temporary position awarded in
A19.	What was the title of the principal job you held during the week of February 1, 2015?		academe, industry, a non-profit organization, or government primarily for gaining additional education and training in research.
	Example: Physics professor		
			-₁□ Yes
			2 No → Go to question A26
		↓	
A20.	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.	A24.	(If Yes) What were your reasons for taking this postdoc? Mark Yes or No for each item.
	Example: Taught physics and conducted research.		Yes No
	Specialized in high energy physics.		1 Additional training in PhD field 1 2
			2 Training in an area outside of PhD field 1 2
			3 Work with a specific person or in a specific place
			4 Other employment not available
			5 Postdoc generally expected for a career in this field
			6 Some other reason – Specify
A21.	Using the JOB CATEGORY list on pages 16-17, choose the code that <u>best</u> describes the principal job you held during the week of February 1, 2015.	A25.	Which two reasons in question A24 were your most important reasons for taking this postdoc? Enter number of appropriate reason from question A24 above.
	CODE		1 Most important reason
A22.	Did your duties on this job require the technical expertise of a bachelor's degree or higher in		2 <u>Second most</u> important reason (Enter "0" if no second reason)
	Mark Yes or No for each item. Yes No		
	1 Engineering, computer science, math, or the natural sciences	A26.	During what month and year did you start this job (that is, the principal job you held during the
	2 The social sciences 1 2		week of February 1, 2015)?
	Some other field (e.g., health, business, or education) – Specify \mathbf{Z} 1 \square 2		Month Year
			PRINCIPAL JOB STARTED

A27.	jok Wa	what extent was your work on your principal or related to your <u>first U.S. doctoral degree</u> ? as it	A30.	on y	next question is about your work activ your principal job. Which of the followi k activities occupied at least 10 percen r time during a <u>typical</u> work week on th ?	ng t of
		Closely related		Mar	k Yes or No for each item.	
		Somewhat related >> Go to question A30			Yes	No.
_		Not related		1	Accounting, finance, contracts1	2 □
				2	Basic research – study directed toward gaining scientific knowledge primarily for its own sake	
↓ A28.		Not related) Did these factors influence your			Applied research – study directed toward gaining scientific knowledge to meet a recognized need	2
	уо	cision to work in an area <u>outside the field of</u> ur first U.S. doctoral degree? ark Yes or No for each item.			Development – using knowledge gained from research for the production of materials, devices	2
	7070	Yes No		5	Design of equipment, processes, structures, models1	2
	1	Pay, promotion opportunities1 2			Computer programming, systems or applications development	2
	2	Working conditions (e.g., hours, equipment, working environment)1 2		7	Human resources – including recruiting, personnel development,	20
	3	Job location1 2 2 Change in career or professional			training1	2
		interests1 2			Managing or supervising people or projects1	2
	5	Family-related reasons (e.g., children, spouse's job moved)			Production, operations, maintenance (e.g., chip production, operating lab equipment)	2
	7	available $1 \square 2 \square$ Some other reason – Specify \mathbb{Z} $1 \square 2 \square$		10	Professional services (e.g., health care, counseling, financial services, legal services)	
				11	Sales, purchasing, marketing, customer service, public relations1	
				12	Quality or productivity management1	
A29.		nich <u>two</u> factors in question A28 were your ost important reasons for working in an area			Teaching1	
	ou	tside the field of your first U.S. doctoral gree?			Other – Specify 🗸1	
		ter number of appropriate reason from question 8 above				
	1	<u>Most</u> important reason	A31.	wor	which <u>two</u> activities in question A30 di k the <u>most</u> hours during a typical week job?	
	2	Second most important reason (Enter "0" if no second reason)			er number of appropriate activity from que) above.	stion
				1 .	Activity most hours	
				2	Activity second most hours	

A32. Did you supervise the work of others as part of the principal job you held during the week of February 1, 2015?	A34.	Thinking about your p week of February 1, pl with that job's				
Mark "Yes" if you recommended or initiated personnel actions such as hiring, firing, evaluating,		Mark one answer for ea	ch iter Very		Somewhat	Very
or promoting others.					dissatisfied	
Teachers: Do <u>not</u> count students.	, ,	Dalas.	\P	→	→	→
Yes		Salary				4 _
2 No → Go to question A34		Benefits				4
		Job security				4
	4 、	Job location	1	2	3 🗌	4
↓ A33. (If Yes) How many people did you typically	5 (Opportunities for advancement	1 🗆	2	3	4 🗀
Number	6 1	ntellectual challenge	1	2	3 🗆	4
supervised	7 ا	_evel of responsibility	1	2	3	4 🗀
1 Supervise directly?	8 [Degree of independence	1	2	3	4
(If none, enter "0")		Contribution to society				
subordinate supervisors?(If none, enter "0")	A35.	How would you rate yowith the principal job yof February 1, 2015? Mark one answer. 1 Very satisfied 2 Somewhat satisfied 3 Somewhat dissatisfied 4 Very dissatisfied	you he			

A36.	As of the week of February 1, 2015, what was your basic annual salary on your principal job, before deductions? Do not include bonuses, overtime, or additional	A40.	. For which of the following reasons did you usually work fewer than 35 hours per week on the principal job you held during the week of February 1, 2015?
A37.	\$ \text{salary based on a 52-week year, or less than that?} \text{local decision} \text{local decision} \text{local decision} \text{local decision} \text{local decision} \qua		Mark Yes or No for each item. Yes No ↓ ↑ 1 Previously retired or semi-retired 1 2 Year retired If Yes →
A38.	During a typical week on your principal job, how many hours did you work? NUMBER OF HOURS WORKED PER WEEK If fewer than 35 hours, go to question A39. If 35 or more hours, go to question A41.	A41.	. Concerning your principal job during the week of February 1, 2015, were any of the following benefits available to you, even if you chose not to take them? Mark Yes or No for each item. Yes Note the partially paid by your employer
A39.	(If fewer than 35 hours) Did you want to work 35 or more hours per week on your principal job? 1 Yes 2 No		to which your employer contributed 1 2 2 3 A profit-sharing plan

442.	Thinking back now to 2014, was any of your work during 2014 supported by contracts or grants from the U.S. Federal Government?		Part B - Past Employment
	Federal employees: Please answer "No." Mark one answer. Did not work in 2014 Go to question B1 on this page Yes Don't know Go to question A44		31. Were you working for pay or profit during both of these time periods – the week of February 1, 2013 and the week of February 1, 2015? 1 Yes 2 No → Go to page 9, question C1 32. (If Yes) During these two time periods – the week of February 1, 2013, and the week of February 1, 2015 – were you working for
↓ 443.	(If Yes) Which Federal Government agencies or		Mark one answer. 1☐ Same employer and in same type of job Go to page 9, question C1
	departments were supporting your work?		same type of job J question C1 2 Same employer <u>but</u> in different type of job
	Mark all that apply.		□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
	Department of Defense (DOD)		□ Different employer and in different type of job
	 Department of Education Department of Energy (DOE) 		Different employer <u>and</u> in different type of job
	A □ National Institutes of Health (NIH)		
	 Department of Health and Human Services (except NIH) National Aeronautics and Space Administration (NASA) National Science Foundation (NSF) 	В	33. (If Different) Why did you change your employer or your job? Mark Yes or No for each item. Yes No
	8 ☐ Other – Specify 군		1 Pay, promotion opportunities 1
	© DON'T KNOW SOURCE AGENCY Counting all jobs held in 2014, what was your		equipment, working environment) 1 2 2 3 Job location 1 2 2
444.			4 Change in career or professional interests
	Include all wages, salaries, bonuses, overtime,		5 Family-related reasons (e.g., children, spouse's job moved) 1 2
	commissions, consulting fees, net income from businesses, summertime teaching or research, or other work associated with scholarships.		6 School-related reasons (e.g., returned to school, completed a degree)
	\$.00 TOTAL 2014 EARNED INCOME		 7 Laid off or job terminated (includes company closings, mergers, buyouts, grant or contract ended) 1 □ 2 □ 8 Retired

F	Part C - Other Work-Related Experiences	C4.	During the past 12 months, professional society or asseprofessional conferences?	did you a	attend ar meetings	y or
C1.	During the past 12 months, did you take any work-related training, such as workshops or seminars? Include conferences or professional meetings only if you attended a training session at the conference or meeting. Do not include college coursework for which you were enrolled in a degree program.		Include regional, national, or i	internation	nal meetil	ngs.
Г	- ₁□ Yes	C5	To how many regional, nation	onal or i	nternatio	nal
	2 No → Go to question C4	03.	professional societies or as currently belong?			
			If none, enter "0."			
C 2.	(If Yes) For which of the following reasons did you take training during the past 12 months?		NUMBER			
	Mark Yes or No for each item. Yes No					
	1 To improve skills or knowledge in your current occupational field	C6.	When thinking about a job,		ortant is	each
	2 To increase opportunities for promotion or advancement in your current occupational field		of the following factors to y Mark one answer for each item			
	3 For licensure or certification in your current occupational field 1 2		Very		Somewhat	
	4 To facilitate a change to a different occupational field 1 2		1	t important	unimportant	at all
	5 Required or expected by employer 1 2	l	Salary1	2	3	4
	6 For leisure or personal interest 1 2	2	Benefits	2	3 🗌	4 🔲
	7 Other – Specify Z 1 2	3	Job security1	2	3	4
		4	Job location	2	3 🗌	4
			Opportunities for advancement1	2	3 🗆	4
			Intellectual challenge1	2	3	4
	Ma. 4		Level of responsibility1	2	3	4
C3.	What was your most important reason from question C2 for taking training?		Degree of independence1	2	3 🗆	4
	Enter number of appropriate reason from question		Contribution to society1	2 🗆	3 🗆	4
	C2 above. MOST IMPORTANT REASON	9	Contribution to society1	2	3	4

Part D - Recent Educational Experiences	D5.		om which academic institution did you r is degree?	eceive
Between February 2013 and February 2015, did		Co	ollege or University Name	
you complete another degree such as a master's or another doctorate?		De	partment	_
- 1 Yes 2 No → Go to page 11, question D7		Cit	ty/Town	_
		Sta	ate/Foreign Country	
↓ O2. (If Yes) What type of degree did you earn?				
If you completed more than one degree, mark the level for the highest degree awarded.	D6.		or which of the following reasons did you is degree?	obtaiı
Mark one answer.			ark Yes or No for each item.	
□ Bachelor's degree (e.g., BS, BA, AB)				No I
2		1	To gain further education before beginning a career	2 □
□ Doctorate (e.g., PhD, DSc, EdD)		2	To prepare for graduate school or further education	
4 ☐ Other professional degree (e.g., JD, LLB, MD, DDS, DVM) – Specify Z		3	To change your academic or occupational field	
5 ☐ Other – Specify Z		4	To gain <u>further</u> skills or knowledge in your academic or occupational field	2
		5	For licensure or certification	2
What was the primary field of study for this		6	To increase opportunities for promotion, advancement, or higher salary	2
degree? PRIMARY FIELD OF STUDY		7	Required or expected by employer	
		8	For leisure or personal interest 1	
		9	Other – Specify Z	2
D4. In what month and year was this degree				
awarded?				
DEGREE AWARDED 2 0 1				

D7.	<u>During the week of February 1, 2015</u> , were you enrolled in or taking courses at a college or university?	ta	or which of the following reasons were you king courses or enrolled?	
_	-ı□ Yes	Mi	ark Yes or No for each item. Yes	No
	2☐ No → Go to page 12, question E1	1	To gain further education before beginning a career	2
D8.	(If Yes) Were you taking courses or enrolled as		To prepare for graduate school or further education	2
D0.		3	To change your academic or occupational field	2
	Mark one answer.	4	To gain <u>further</u> skills or knowledge in your academic or	
	2 A part-time student in a degree program			2
		5		2
	Not enrolled in a degree program, but taking courses	6	To increase opportunities for promotion, advancement, or higher salary	2
D9.	Toward what degree were you working?	7		2
	If you were working toward more than one degree,	8	For leisure or personal interest	2
	mark the level for the highest degree.	9	Other – Specify Z	2
	Bachelor's degree (e.g., BS, BA, AB) Master's degree (e.g., MS, MA, MBA) Doctorate (e.g., PhD, DSc, EdD) Other professional degree (e.g., JD, LLB, MD, DDS, DVM) – Specify type	1	ere <u>any</u> of your school-related costs for tak burses paid for by an employer? Yes No	iing

	١	Part E - Demographic Information	E4.	As of the week of February 1, 2015, did you have any children living with you as part of your family
E1.	On	February 1, 2015, were you		Only count children who lived with you at least 50 percent of the time.
	Ма	ark one answer.	_ ا	-ı□ Yes
	_ 1	Married		2 No → Go to page 13, question E6
		Living in a marriage-like relationship Widowed		
		₄□ Separated		
		Divorced Go to question E4		
	6	Never married J	E5.	(If Yes) How many of these children living with you as part of your family were
				If no children in a category, enter "0."
				Number of children
				1 Under age 2
E2.	(If Married or Living in a marriage-like relationship) During the week of February 1, 2015, was your spouse or partner working?		2 Aged 2-5	
ſ	↑□ Yes, full-time			3 Aged 6-11
Ц	2	Yes, part-time		4 Aged 12-18
	3 🗆	No → Go to question E4		
				5 Aged 19 or older
↓ E3.	thi	Yes) Did your spouse's or partner's duties on s job require the technical expertise of a chelor's degree or higher in		
	Ма	rk Yes or No for each item. Yes No		
	1	Engineering, computer science, math, or the natural sciences		
	2	The social sciences1 2		
	3	Some other field (e.g., health, business, or education) − Specify ∠1 2		

E6.	On February 1, 2015, were you living in the United States or Puerto Rico, another U.S. territory, or were you living in another country?	E11. What is your birthdate?
	Mark one answer.	Month Day Year _1 9
	□ United States or Puerto Rico	
	2☐ Another U.S. territory	
	₃☐ Another country – Specify Z	E12. These questions are asked to verify that our records are correct and that we have reached the correct person selected for this study.
E7.	On February 1, 2015, were you a	At which U.S. institution did you receive your fi research doctorate?
	- ₁ U.S. citizen	U.S. ODADUATE MOTITUTION
	2☐ Non-U.S. citizen → Go to question E9	U.S. GRADUATE INSTITUTION 2 In what field of study did you receive your first research doctorate?
↓		Toolard about all .
E8.	(If U.S. citizen) Were you a U.S. citizen	
	Mark one answer.	DOCTORAL FIELD OF STUDY
	Born in the United States, Puerto Rico, or another U.S. territory Go to question E11	In what month and year did you receive your fil research doctorate? Month Year
	citizen parent(s) By naturalization	
E9.	(If Non-U.S. citizen) Were you a non-U.S. citizen	
	□ With a Permanent U.S. Resident Visa (Green Card)	
	² ☐ With a Temporary U.S. Resident Visa	
E10.	Of which country are you a citizen?	
	COUNTRY	

	Wh	at is the USU.	AL degr	ee of difficulty you have with									
		rk one answer		item.									
									None	Slight	Moderate	Severe	Unable to do
	1	SEEING words glasses/contac							1	2	3	4	5
	2	HEARING who another person	at is norn n (with he	nally said earing aid	in conve d, if you u	rsation w sually we	rith ear one).		1	2	3 🗌	4	5
	3	WALKING with or using stairs							1	2	3 🔲	4	5
	4	LIFTING or ca such as a bag	rrying so of groce	mething a	as heavy	as 10 po	unds,		1	2	3	4	5
	5	CONCENTRA because of a p	TING, RI	EMEMBE mental, o	RING, or or emotion	MAKING	DECIS	IONS	1	2	3 🗌	4	5
≣15.	Wh	← Mark this at is the earli	est age	at which	ı you <u>firs</u>								
≣15.	Wh AG	at is the earli	est age ∈	at which - SINCE	n you <u>firs</u> BIRTH of the in	<u>st</u> began	experie	encing	ı <u>any</u> dif	ficulties	in <u>any</u> of	these a	reas?
≣15.	Wh AG	at is the earli	est age ∂	at which - SINCE	BIRTH of the in	<u>st</u> began	experie	encing	ı <u>any</u> dif	ficulties	in <u>any</u> of	these a	reas?
≣15.	Wh AGI In can	at is the earlice E OF case we need email address	est age	at which SINCE	BIRTH of the in	st began	experie	encing	ı <u>any</u> dif	ficulties	in <u>any</u> of	these a	reas?

Because we are interested in how education and employment change over time, we may be contacting you in 2017. To help us contact you, please provide the name and contact information for two people who are likely to know where you can be reached. Do not include someone who lives in your household.										
As with all the These people	As with all the information provided in this questionnaire, complete confidentiality will be provided. These people will <u>only</u> be contacted if we have difficulty contacting you in 2017.									
Person 1	Decline to answer									
First Name		МІ	Last Name							
Email Address										
Q Number and Street Address										
City/Town			State	ZIP Code						
Country (if outside	of U.S.)									
		1 1 1	_							
			_							
Person 2 Decline to answer First Name MI Last Name Email Address										
Number and Street Address										
			State	ZIP Code						
City/Town										
	vtil 67									
City/Town Country (if outside	of U.S.)									
	of U.S.)		_							
	of U.S.)		_							
Country (if outside of the country o	- Number	rounds of th	nie survova							
Country (if outside of the country o	- Number	e rounds of th	nis survey?							
Country (if outside of Area Code How would your Mark one answ	Number Du like to complete future	e rounds of th	nis survey?							
Country (if outside of Area Code How would you Mark one answ	Number ou like to complete future wer. nnaire sent in the mail	e rounds of th	nis survey?							
Country (if outside of Area Code How would you Mark one answ	Number Du like to complete future	rounds of th	nis survey?							
Country (if outside of Area Code How would you Mark one answ 1 A question 2 A web que	Number ou like to complete future wer. nnaire sent in the mail	rounds of th	nis survey?							

			IOD CATECORY					
	If you cannot find the code that	haet	JOB CATEGORY describes your job, use the "OTHER" co	nda i	inder the most appropriate broad			
	category. If none of the codes f	it you	ir job, use Code 500.	Jue i	dider the most appropriate broad			
•	Biological/Life Scientists		Agricultural and food scientists	025	Medical scientists (excluding practitioners			
-	Diological Elle Ocientasis		Biochemists and biophysicists		Technologists and technicians in the			
		023	Biological scientists (e.g., botanists,		biological/life sciences			
		024	ecologists, zoologists) Forestry and conservation scientists	027	OTHER biological and life scientists			
_	Clerical/Administrative		Accounting clerks and bookkeepers	033	OTHER administrative (e.g., record clerks			
•	Support Occupations		Secretaries, receptionists, typists	000	telephone operators)			
•	Clergy/Other Religious Workers	040	Clergy and other religious workers					
•	Computer Occupations	***	Computer engineers – also consider		Database administrators			
	Also consider 173 Operations		087 Computer engineers – hardware and		Information security analysts			
	research analysts, including		088 Computer engineers – software	058	Network and computer systems			
	modeling		Computer & information scientists, research	050	administrators			
			Computer programmers (business	059	Software developers – applications and			
		003	Computer programmers (business, scientific, process control)	UEU	systems software Web developers			
		054	Computer support specialists		OTHER computer and information			
			Computer system analysts	001	science occupations			
•	Consultants	Find	the category on page 16 or 17 that comes close	st to y	our field of consulting and select the code			
•	Counselors	070	Counselors (Educational, vocational, mental he Also consider 236 Psychologists, including clini		nd substance abuse)			
			Also consider 250 i Sychologists, mendaling chim					
•	Engineers/Architects		Architects		Environmental engineers			
	Also consider 100 to 104 under	082	Aeronautical/aerospace/astronautical		Industrial engineers			
	Engineering Technologists,	002	engineers		Marine engineers and naval architects			
	Technicians and Surveyors		Agricultural engineers Bioengineers or biomedical engineers	093	Materials and metallurgical engineers Mechanical engineers			
			Chemical engineers	095	9			
			Civil, including architectural/sanitary engineers					
			Computer engineers – hardware		Petroleum engineers			
			Computer engineers – software		Sales engineers			
_			Electrical and electronics engineers		OTHER engineers			
•	Engineering Technologists/	100	Electrical, electronic, industrial, and mechanical technicians	103	OTHER engineering technologists and technicians			
	Technicians/Surveyors	101	Drafting occupations, including computer	104	Surveyors, cartographers,			
		101	drafting	104	photogrammetrists			
		102	Surveying and mapping technicians		p			
•	Farmers/Foresters/Fishermen	110	Farmers, foresters and fishermen					
•	Health Occupations	111	Diagnosing/treating practitioners (e.g., dentists, optometrists, physicians,	236	Psychologists, including clinical – Also			
			psychiatrists, podiatrists, surgeons,	113	consider 070 Counselors Health technologists and technicians			
			veterinarians)	110	(e.g., dental hygienists, health record			
		112	Registered nurses, pharmacists, dieticians,		technologists/technicians, licensed			
			therapists, physician assistants, nurse		practical nurses, medical or laboratory			
			practitioners		technicians, radiological technicians)			
				114	OTHER health occupations			
•	Lawyers/Judges	120	Lawyers, judges					
•	Librarians/Archivists/Curators	130	Librarians, archivists, curators					
•	Managers and Supervisors, First-Line		the category on page 16 or 17 that best describe of the code	es the	occupation of the people you manage and			
•	Managers, Top-level Executives/Administrators	141	Top-level managers, executives, administrators general manager, legislator, chancellor, provos		CEO/COO/CFO, president, district manag			
•	Managers, Other		Computer and information systems managers					
	People who manage other managers		Engineering managers					
			Medical and health services managers					
			Natural sciences managers Education administrators (e.g., registrar, dean,	nrinci	nal)			
		146 Education administrators (e.g., registrar, dean, principal) 147 OTHER mid-level managers						

		IOP CATEGORY (Continue	~d/	
		JOB CATEGORY (Continue	ea)	
Management-Related Occupations Also consider 142 to 147 under Managers, Other	151 152	Accountants, auditors, and other financial specialists Personnel, training, and labor relations specialists	153	OTHER management related occupation
Mathematical Scientists	171 172 173	Actuaries Mathematicians Operations research analysts, including modeling	174 175 176	Statisticians Technologists and technicians in the mathematical sciences OTHER mathematical scientists
Physical Scientists	191 192 022 193 194	Astronomers Atmospheric and space scientists Biochemists and biophysicists Chemists, except biochemists Geologists, including earth scientists	195 196 197 198	Oceanographers Physicists, except biophysicists Technologists and technicians in the physical sciences OTHER physical scientists
 Research Associates/ Assistants 	Find	the category on page 16 or 17 that comes closes	t to yo	our research field and select the code
Sales/Marketing Occupations	200 201	Insurance, securities, real estate, and business services Sales occupations – commodities except retail (e.g., industrial machinery/equipment/ supplies, medical and dental equip./supplies)	202 203	Sales occupations – retail (e.g., furnishing clothing, motor vehicles, cosmetics) OTHER marketing and sales occupations
Service Occupations, Except Health Also consider 111 to 114 under Health Occupations	221 222	Food preparation and service (e.g., cooks, waitresses, bartenders) Protective services (e.g., fire fighters, police, guards, wardens, park rangers)	223	OTHER service occupations, except heal (e.g., probation officers, human services workers)
Social Scientists	231 232 233 235	Anthropologists Economists Historians Political scientists	236 237 238	Psychologists, including clinical – Also consider 070 Counselors Sociologists OTHER social scientists
Social Workers	240	Social workers		
• Teachers—Precollege	251 252 253 254	Pre-kindergarten and kindergarten Elementary Secondary – computer, math, or sciences Secondary – social sciences	255 256 257	Secondary – other subjects Special education – primary and seconda OTHER precollegiate area
Teachers/Professors— Postsecondary	271 272 273 274 275 276 277 278 279 280 281 282	Biological Sciences Business, Commerce, and Marketing Chemistry Computer Science Earth, Environmental, and Marine Science Economics Education	283 286 287 288 289 290 291 293 297 298 299	History Mathematics and Statistics Health and Related Sciences Physical Education Physics Political Science Psychology Sociology OTHER Natural Sciences OTHER Postsecondary fields
• Teachers—Other	300	OTHER teachers and instructors (e.g., private t instructors)	utors,	dance or flying instructors, martial arts
 Writers/Editors/Public Relations Specialists/Artists/ Entertainers/Broadcasters 	010	Writers, editors, public relations specialists, artic	sts, er	ntertainers, broadcasters
Other Professions	401 402	Construction and extraction occupations Installation, maintenance, and repair occupations	403 405	Precision/production occupations (e.g., metal workers, woodworkers, butchers, bakers, assemblers, printing occupations, tailors, shoemakers, photographic process) Transportation and material moving occupations
OTHER OCCUPATIONS	500	OTHER OCCUPATIONS (Not Listed)		,

THANK YOU FOR COMPLETING THE QUESTIONNAIRE. Please return the completed form within two weeks in the envelope provided. If you have any questions or need assistance, please visit our SDR website at www.norc.uchicago.edu/sdr, call us toll-free at 1-800-685-1663, or email us at SDR@norc.uchicago.edu. If you cannot find the envelope or would like another, please email or call us. Our mailing address is: 2015 Survey of Doctorate Recipients c/o NORC at the University of Chicago 1 North State Street, 16th Floor Chicago, IL 60602-3305 Results of the Survey of Doctorate Recipients can be found on the National Science Foundation's Website at http://www.nsf.gov/statistics/doctoratework. · You are not required to respond to any information collection unless it displays a valid approval number from the Office of Management and Budget. The approval number for this survey is 3145-0020. COMMENTS ABOUT THIS SURVEY: